



# Certificate of Need Program EQUIPMENT REPLACEMENT APPLICATION

Applicant's Completeness Checklist and Table of Contents

roject Name: ss	SM Health St. Mary's - St. Louis CCL Replacement Project No: 6179 HT
•	ion: Replacing 15 year old cath lab system, Original Unit was project #4234
Oone Page N/A	<u>Description</u>
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pg 3	2. Representative Registration (From MO 580-1869)
pg 4	3. Proposed Project Budget (Form MO 580-1863) and detail sheet with documentation of costs.
Divider II.	Proposal Description:
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pg 6, 7-26	2. Provide a listing with itemized costs of the medical equipment to be acquired and bid quotes.
pg 6	3. Provide a timeline of events for the project, from CON issuance through project completion.
Divider III.	Service Specific Criteria and Standards:
pg 28	1. Describe the financial rationale for the proposed replacement equipment.
pg 28	2. Document if the existing equipment has exceeded its useful life.
pg 28	3. Describe the effect the replacement unit would have on quality of care.
pg 28	4. Document if the existing equipment is in constant need of repair.
pg 28	5. Document if the lease on the current unit has expired.
pg 28	6. Describe the technological advances provided by the new unit.
pg 28	7. Describe how patient satisfaction would be improved.
pg 28	8. Describe how patient outcomes would be improved.
pg 29	9. Describe what impact the new unit would have on utilization.
pg 29	10. Describe any new capabilities that the new unit would provide.
pg 29	11. By what percent will this replacement increase patient charges.
(If replace	ement equipment was not previously approved, also complete Divider IV below.)
Divider IV.	Financial Feasibility Review Criteria and Standards:
pg 31, 37-91	<ol> <li>Document that sufficient financing is available by providing a letter from a financial institution or an auditor's statement indicating that sufficient funds are available.</li> </ol>
pg 31, 92	2. Provide Service-Specific Revenues and Expenses (Form MO 580-1865) projected through three (3) FULL years beyond project completion.
pg 31-35	3. Document how patient charges are derived.
pf 35-36	4. Document responsiveness to the needs of the medically indigent.

Divider I. Application Summary



## Certificate of Need Program

# APPLICANT IDENTIFICATION AND CERTIFICATION

Tables and Systems (1)			
e information provided must match the Letter of Int			
. Project Location (Attach additional pages as nece	ssary to identify multiple project sites	Project Number	
le of Proposed Project BM Health St, Mary's - St. Louis CCL Replacement		#6179 HT	
oject Address (Street/City/State/Zip Cade)		County	
20 Clayton Rd., St. Louis, MO 63117		St. Louis City	
2. Applicant Identification (Information must o	igree with previously submitted Lette	r of Intent.)	
List All Owner(s): (List corporate entity.)	Address (Street/City/State/2		Telephone Number
	12800 Corporate Hill, St. Louis, I		314-989-2000
M Health St. Louis			314-768-8000
vner/Operator SSM Health St. Mary's - St. Louis	6420 Claylon Rd., St. Louis, MO	03117	
(List entity to be List All Operator(s): licensed or certified.) Ad	dress (Street/City/State/Zip Co	de) Telej	ohone Number
MSC AIX OPERATOZICA	12800 Corporate Hill, St. Louis,		314-989-2000
SM Health St. Louis			314-768-8000
wner/Operator SSM Health St. Mary's - St. Louis	6420 Clayton Rd., St. Louis, MC		·
3. Ownership (Check applicable category.)			
☑ Nonprofit Corporation ☐ Individ	ual 🗌 City	☐ Disti	riet
☐ Partnership ☐ Corpor	ation County	☐ Othe	L.
4. Certification			
In submitting this project application, the appl	licant understands that:		
<ul> <li>(A) The review will be made as to the consplication;</li> <li>(B) In determining community need, the consider all similar beds or equipmed.</li> <li>(C) The issuance of a Certificate of Need and CON statute;</li> <li>(D) A CON shall be subject to forfeiture months after the date of issuance, and (6) months;</li> <li>(E) Notification will be provided to the CON, if issued, may not be transformative.</li> </ul>	ommunity need for the property of the property of the service area; and (CON) by the Committee of the failure to incur an expensive of the control of the co	Review Committee (Confermant)  The confermant of the committee for the project is abased except with the confermant of t	ommittee) will note with its Rules wed project six (6) r an additional six andoned; and sent of the
We certify the information and date in this ap representative's signature below:			o and some of
5. Authorized Contact Person (Allach a	Contact Person Correction Form if diff	Title	
Hame of Contact Person		Dir Stralegy	
Jill Mowry Telephone Number Fax Number	t .	E-mail Address	
636-496-2520		jill.mowry@ssmhealth.com	I
Signature of Contact Person		12-18-24	·



## Certificate of Need Program

# REPRESENTATIVE REGISTRATION

(A registration form must be comple	eted for <b>each</b> project presented.)
roject Name SSM Health St. Mary's - St. Louis CCL Replacement	#6179 HT
(Please type or pr	rint legibly.)
	Title
fame of Representative	Dir Strategy
Jill MOWFY  Firm/Corporation/Association of Representative (may be different from below, e.g., law firm, cons	ultant, other) Telephone Number
Hilly Confunctional Constitution of the Confunction	636-496-2520
SSM Health	000 400 2020
Address (Street/City/State/Zip Code)	
12800 Corporate Hill, St. Louis, MO 63131	
the state of the s	II. The second of
IIf more than one, submit a separate Representative Registi	ration Form for each. J
Name of Individual/Agency/Corporation/Organization being Represented	314-768-8000
SSM Health St. Mary's - St. Louis	0.14-1.00-0000
Address (Street/City/State/Zip Code)	
6420 Clayton Rd., St. Louis, MO 63117	
Check one. Do you:	Relationship to Project:
M Support	☐ None
☐ Oppose	☑ Employee
☐ Neutral	☐ Legal Counsel
	☐ Consultant
	☐ Lobbyist
Other Information:	Other (explain):
Other imormation.	
I attest that to the best of my belief and knowled me is truthful, represents factual information, as which says: Any person who is paid either as pasupport or oppose any project before the health for lobbyist pursuant to chapter 105 RSMo, and shall facilities review committee for every project in who whether such person supports or opposes the names and addresses of any person, firm, convergistering represents in relation to the named prosubsection shall be subject to the penalties specification.	art of his normal employment or as a lobbyist to acilities review committee shall register as a fill also register with the staff of the health aich such person has an interest and indicate med project. The registration shall also include apporation or association that the person voiect. Any person violating the provisions of this
	Date
Original Signatur Lile Mowry	12-18-24



## Certificate of Need Program

## PROPOSED PROJECT BUDGET

escription_	<u>Dollars</u>
OSTS:*	(Fill in every line, even if the amount is $\$$
1. New Construction Costs ***	\$1,217,930
2. Renovation Costs ***	\$1,217,930
3. Subtotal Construction Costs (#1 plus #2)	
t /72 to a wing Food	\$115,000
4. Architectural/Engineering Fees	\$451,900
5. Other Equipment (not in construction contrac	\$1,050,576
6. Major Medical Equipment	
7. Land Acquisition Costs ***	
8. Consultants' Fees/Legal Fees ***	
9. Interest During Construction (net of interest e	\$470,897
10. Other Costs ***	4 through #10 \$2,088,373
11. Subtotal Non-Construction Costs (sum of #	\$3,306,303 **
12. Total Project Development Costs (#3 plus #	
FINANCING:	\$3,306,303
13. Unrestricted Funds	
14. Bonds	
15. Loans	
16. Other Methods (specify)	
10. Other Medicas (-F - 5)	
17. Total Project Financing (sum of #13 through	gh #16)\$3,306,303 **
17. Total Project Financing (sum of #13 through 18. New Construction Total Square Footage	gh #16)
17. Total Project Financing (sum of #13 throug	gh #16)
17. Total Project Financing (sum of #13 through 18. New Construction Total Square Footage	gh #16)

- Attach additional page(s) detailing how each line item was determined, including all methods and assumptions used. Provide documentation of all major costs.
- These amounts should be the same.
- Capitalizable items to be recognized as capital expenditures after project completion,
- \*\*\*\* Include as Other Costs the following: other costs of financing; the value of existing lands, buildings and equipment not previously used for health care services, such as a renovated house converted to residential care, determined by original cost, fair market value, or appraised value; or the fair market value of any leased equipment or building, or the cost of beds to be purchased.
- \*\*\*\*\* Divide new construction costs by total new construction square footage.
- \*\*\*\*\*\* Divide renovation costs by total renovation square footage.

Divider II. Proposal Description

## Divider II Proposal Descriptions - St. Mary's Hospital Cath Lab Replacement 2025

- 1. Provide a complete detailed project description, CON project number of the existing equipment (if previously CON approved) and include the type/brand of both the existing equipment and the replacement equipment.
- Previous CON Project #: 4234 HT in 8/2008
- Current CON project number is #6179 HT
- Existing Equipment: Cath lab single plane GE Medical Systems Innova 3100
- Replacement Equipment: Siemens Artis Icono ceiling Cardiology
- SSM St. Mary's Hospital in Maryland Heights, MO is planning to replace its existing Single plane GE Medical System Innova 3100 to a new Siemens Artis Icono Ceiling Cardiology
- 2. Provide a listing with itemized costs of the medical equipment to be acquired and bid quotes.
  - EnSite X EP System \$292,900
  - ViewMate Multi Ultrasound System \$124,000
  - Cath lab Siemens Artis Icono ceiling \$1,050,576
  - See pages 7-26 for quotes.
- 3. Provide a timeline of events for the project, from CON issuance through project completion.

Submit CON LOI for State 11/27/24 Submit Application for CON. 1/10/25

Project Planning Start. 2/1/25

Design Start. 2/15

CON Ballot Decision. 2/21/25

Design Complete. 4/15/25

File for Permits. 5/15/25

Construction Start. 6/15/25

Construction End. 9/15/25

Equipment Install. 9/20/25

Go live. 10/20/25

# EXHIBIT A Product Description and Pricing

Product Description	Order	Qty.	List Price	Customer Price
	No. VMM-	1	\$153,000	\$100,000
ewMate™ Multi Ultrasound System	ICE-01	ļ ^	4200,000	
		}		
ne ViewMate™ Multi Ultrasound System is a fully featured imaging platform,			1	
ne ViewMate <sup>TM</sup> Multi Ultrasound System is a funy leather multiple of the view for a 64-element phased array intra-cardiac echo (ICE) visualization, ptimized for a 64-element phased array intra-cardiac echo (ICE) visualization, ptimized for a 64-element phased array intra-cardiac echo (ICE) visualization, ptimized for a function of the view		}	1	
e system is compatible with the ViewFlex. I amily of TCE camelors. Equipped			1	
e system is compatible with the ViewPiex hanny of 102 catholic with the ViewMate <sup>TM</sup> Multi Ultrasound ith ZONE Sonography® Technology (ZST), the ViewMate <sup>TM</sup> Multi Ultrasound ith ZONE sonography® Technology (ZST), the ViewMate <sup>TM</sup> Multi Ultrasound	1	1	1	
	1	1		
ystem uses a software-driven approach to do do his assumed imaging.  brination that breaks the barriers of conventional ultrasound imaging.	1	1		
	1	1		
oftware: (op) Down Donnler Pulse Wave		l	1	
Modes: 2D/B. M. Color Doppler (CD), Power Doppler, 1 the 1121		1	1	
			1	
o iTouch - instantly equalizes image gain and optimized sound spoor		-		
compensation	ļ	-	l	ļ
o Cardiac calculations packages	1	1	1	Ļ
		1	1	4
DICOM networking – includes verny, Stole, 1 litt, and basic and	ļ	ļ		ļ
Worklist Query service classes		}		
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4= 6" toucherreen with millilive interactions		Ì	<b>\</b>	1
	1	ì	<b>,</b>	1
X - X - A - X - A - X - A - A - A -	}	1		1
o Catheter Interface Module for 1615 and Beerlan o Rechargeable battery allows up to 2 hours of operation without	1	1		1
plugging into AC nower	1	1		1
Connect up to 4 transducers simultaneously	ł	1	Ì	
o Multifunction USB ports, integrated Wireless	1		Ì	}
a transport Tran	}		1	
o HDMI/VGA digital video output		ļ	1	1
o Integrated wireless connectivity		ļ		1
A agenings		ļ	Ì	
o Customized, durable baskets to carry supplies	Ì	l l	l I	1
a I and ECG connection	1	ļ		į
o Operator's manual and quick reference guide	1		ļ	1
Service Coverage: Includes initial one year manufacturer's warranty	SP5-1	S 1	\$22,000	\$13,000
SP5-1s Phased Transducer		1	}	1
Phased Array Transducer, SP5-1s Transducer is a single crystal design (1.5 – 4.5	; }	[	1	1
Phased Array Transducer, SP5-18 Transducer is a single of state of the Adult Cranial, MHz). Intended applications: Adult Abdominal, Adult Cardiac, Adult Cranial,	1		-	1
MHz). Intended applications: Addit Abdominary				1
Pediatric and Cardiac.	1	ļ	ļ	Ì
Service Coverage: Includes initial one year manufacturer's warranty	Y	<del>.   .</del>	\$19,000	\$11,000
L9-3s Linear Transducer	L9-3	S 1	\$19,000	<b>T12,500</b>
		1	ļ	
Linear Array Transducer, L9-3s Transducer (2.5 – 9.0 MHz). Intended	. l	ł	ļ	l l
Linear Array Transducer, L9-3s Transducer (2.5 – 9.0 MMa). Industrial, Industrial applications: Abdominal, Pediatric, Small Organ, Musculoskeletal, Vascular an	u	ł		l l
Nerve.	l	}		
1 '			1	1
Service Coverage: Includes initial one year manufacturer's warranty	L			4
DOLYACO COLORADO			Tot	al \$124,00

Brittany Willeford Case No. 00521907 Document No.: 00106183.0 08/22/24



# EXHIBIT A Product Description and Pricing

Product Description			Qty.	List Price	Customer Price
		No. ENSITE	1	\$400,000	\$175,000
nSite™	X EP System	X-SYS	1	4-100,000	, , , , ,
	·	IL DID	1		1
he EnSit	e <sup>TM</sup> X EP System is a catheter navigation and mapping system		1		<u> </u>
	f displaying the 3-dimensional (3-D) position of conventional and habled displaying cardiac habits a cardiac displaying cardiac habits a cardiac displaying cardiac habits a cardiac displaying the 3-D isopotential maps of				ļ
ensor-Ei	activity as waveform traces and as dynamic 3-D isopotential maps of				ļ
				Ì	
ne cardia	my of the patient's own cardiac chamber. Various software expansion	i	1	ļ	
ne anato	my of the patient's own cardiac chamber.		l l	1	
nodules	and warranties are available.		Ļ		
ndicati	ons for Use				
	mt. P. Clath V CD Cretom is a suppressed diagnostic tool in patients		ļ		
				-	1
	mi magicative V tro Quetom minumes minumation about the comment		}	Į	}
	activity of the heart and displays cameler location during	]			ļ.
	conventional electrophysiological (EP) procedures.				ļ
				[	ļ
	Benefit The intended clinical benefit is to provide diagnostic information to	1	1		
0	the physician to aid in the treatment of arrhythmias.				
	the physician to aid in the treatment of army		1		
EnSite <sup>1</sup>	<sup>M</sup> X Amplifier		1		,
Elisite				1	ļ
0	The EnSite <sup>TM</sup> X EP System Amplifier accepts signals from EnSite	1			- [
	Transfer the Madula Engite X 90 bill alle of the Carlotte input	Ì			
	ar 1-1- the Predictary Rigid Brame, and fold (4) I discut References	1	1	Ì	
	Sensors. The devices accept signals from catheters and electrodes	ł	1	\	}
	sensors. The devices accept signals for the EnSite™ X attached to the patient and pass these signals to the EnSite™ X	ļ	}		
	Amplifier. The EnSite <sup>TM</sup> X Amplifier converts these signals to a digital	1	-		
	format and sends them to the DWS for processing and display.  EnSite <sup>TM</sup> X EP System Field Frame. The Field Frame generates		ļ		1
0	the magnetic tracking field during an EnSite <sup>TM</sup> X EP System		ļ		}
	the magnetic tracking field during an impite of the magnetic field and the magnetic fi				
	procedure.  EnSite <sup>TM</sup> X EP System SurfaceLink <sup>TM</sup> Module. Connects the				ļ
0	EnSite™ X E.P System during the EnSite™ X surface electrode, and EnSite™ X surface electrodes, system reference surface electrode, and	l Ì			
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	we will rust the devotors Catherer Innill William St. 20 pm and St.	1	1	1	1
0	pin modules allow for connection of standard diagnostic catheters to	ļ	Ì	l l	
	A TO CALL TM 37 Assertation	ļ	ļ	ţ	
_	- Committee of the control of the co		- 1	1	1
0	one anterior (PRS-A) and three posterior (PRS-P) sensors with				1
			1	ļ	
0	EnSite™ X EP System ECG cable. Connects standard ECG	l			ļ
	1 Lucides to the Engite <sup>IM</sup> X AMPHORE.	1		Ì	
0	Tunneformer, When ising the	1		1	
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ļ	the angle the registron transformer. Only components on the first	^		ļ	1
	Cart should be connected to this isolation transformer.		1	1	ļ
	TN W Dienley Workstation (DWS)		ł		
EnSit	e <sup>TM</sup> X Display Workstation (DWS) WS consists of the workstation (computer), monitors, medical grade		}		
The D	on transformer, and optional printer:	-	ļ	- {	\ \
Isolati		-			
	EnSite™ X EP System Workstation. The workstation contains			ļ	ļ
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0	TE II Maniford and Head to distillar Dallette Hatelinette in Con-	1			

Brittany Willeford Case No. 00521884 Document No.: 00106177.0 08/22/24

Confidential Page 7



monitor is placed near the workstation and keyboard for system penetria  Medical Grade Isolation Transformer. All system components on the DWS cat are connected to the power through the isolation transformer. Only components of the DWS should be connected to this isolation transformer.  EnSite***Woxel Flex Mode EnSite***Woxel Flex Mode is a feature allowing users to switch between EnSite Noxe***Tend Ensite***Voxel Modes during a study.  Thin feature is compatible with EnSite*** X EP System software version 3.0 or later.  TactiFlex***Ablation Catheter, Sensor Enabled*** Software TactiFlex***Ablation Catheter, Sensor Enabled** is a feature that introduces two new EnSite*** IP System software features  of the TeneriFlex***Ablation Catheter, Sensor Enabled** is a feature that introduces two new EnSite****IP System Software features  of the TeneriFlex***Ablation Catheter, Sensor Enabled** representing three-dimensional direction of force.  The Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes The Refresh Rate Refresh Rate Setting changes The Refre					
operation.  • Medical Grade Isolation Transformer. All system components on the DWS eat are connected to this goalers on the DWS at are connected to this power through the isolation transformer. Only components of the DWS should be connected to this isolation transformer.  Ensities** VoXel Flox Mode Basics** A transformer.  Ensities** VoXel Flox Mode Basics** A transformer.  This feature is computible with Ensites** X EP System software version 3.0 or later.  TactiFlex*** Ablation Catheter, Sensor Enabled** is a feature that introduces two new KinSite** BP System software features:  The Force Discribton indicator features:  The Force Discribton indicator features:  The Force Discribton indicator feature displays an arrow near the tip of the TactiFlex*** Ablation Catheter, Sensor Enabled** is a feature that introduces two new KinSite** BP System Software Catabled** representing three dimensional direction of force.  The Force Discribton indicator features displays an arrow near the tip of the TactiFlex*** Ablation Catheter, Sensor Enabled** representing three dimensional direction of force.  The Force Number Aule is updated per second. This feature will be available for all Ensite** X FP System Contact Force-compatible catheters.  The following devices are required to use TactiFlex** Ablation Catheter, Sensor Enabled** Software and are sold separately.  TactiFlex** Ablation Catheter, Sensor Enabled** (model A-TERSE-J), A-TERSE-J), A-TERSE-JP, A-TE	monitor is placed near the workstation and keyboard for system	ł			ĺ
on the DWS cart are connected to the power monage the isolation transformer. Only components of the DWS should be connected to this isolation transformer.  EnSite*** VoXel Flex Mode is a feature allowing users to switch between Rusite May2*** and EnSite*** Mode is a feature allowing users to switch between Rusite May2*** and EnSite*** VoXel Modes during a study.  This feature is compatible with Rusite*** XEP System software version 3.0 or later.  Tactifflex*** Ablation Catheter, Sensor Enabled*** is a feature that introduces two new Rusite*** By System Software features:  The force Direction Indicator features:  The Force Number Ablation Catheter, Sensor Enabled*** representing three dimensional direction of force.  The Force Number Rusite** XFP System Contact Force-compatible catheters.  The force Number Rusite is updated per second. This feature will be available for all Rusite** XFP System Contact Force-compatible catheters.  The following devices are required to use TactiFlex*** Ablation Catheter, Sensor Enabled*** Software and are soid separately.  Tactiflex*** Ablation Catheter, Sensor Enabled*** (nodel A*TFSE-J), A*TFSE-J), A*TFSE-JP, A*TSE-JP, A*TSE-JP, A*TSE-JP		1			
transformer. Only components of the DAYS and the Commences of this isolation transformer.  EnSite® VoXel Flex Mode Eastern allowing users to switch between EnSite NaxX® and Easter® VoXel Modes during a study.  This feature is compatible with EnSite® X EP System software version 3.0 or later.  Teatiflex® Ablation Catheter, Sensor Enabled® Software Tactiflex® Ablation Catheter, Sensor Enabled® Toperation of the Tactiflex® Ablation Catheter, Sensor Enabled® representing three-dimensional direction of force Inabled® representing three-dimensional direction of force of the Tactiflex® Ablation Catheter, Sensor Enabled® representing three-dimensional direction of force the process of the Force Number who is updated per second. This feature will be available for all EnSite® X EP System Contact Force-compatible catheters.  The Control of the Software and are sold separately. The Control of the Control of the Software and are sold separately. The Control of the Software and are sold separately. The Control of the Software and are sold separately. The Control of the Software and are sold separately. The Control of the Software and are sold separately. The Control of the Software Advanced Mapping Catheter, Sensor Enabled® The Tactiflex® Ablation Catheter, Sensor Enabled® The Control of the Software Entitlement Xit (model H702259)  EnSite® LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an EnSite® X EP System study.  The following devices are required to use EnSite® LiveView Dynamic Display and are sold separately: Advisor® TID Grid Mapping Catheter, Sensor Enabled® (model DAVID-DP6)  System contains Instructions for Use (FUD).  Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect® Remote Access for real time technical support through a secure breached connection.  TactiSys® Tactiflex®	o Medical Grade Isolation Transformer. All system components	ļ	ļ.	1	Ī
this isolation transformer.  Risiter** VoXel Flex Mode EnSiter** VoXel Flex Mode EnSiter** VoXel Flex Mode is a feature allowing users to switch between EnSite NavX*** and EnSite*** VoXel Modes during a study.  This feature is compatible with EnSiter** X EP System software version 3.0 or later.  TactiFlex*** Ablation Catheter, Sensor Enabled*** Software Tactiflex*** Ablation Catheter, Sensor Enabled*** is a feature that introduces two new EnSite*** EP System software features:  The Force Direction Indicator feature displays an arrow near the tip of the TactiFlex*** Ablation Catheter, Sensor Enabled** representing three-dimensional direction of force.  The Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times	on the DWS cart are connected to line power through the isolation	1		ļ	
Ensite™ VoXel Flex Mode is a feature allowing users to switch between Ensite NaXP™ and Easite™ VoXel Flex Mode is a feature allowing a study.  This feature is compatible with Ensite™ X EP System software version 3.0 or later.  TactiFlex™ Ablation Catheter, Sensor Enabled™ Software TactiFlex™ Ablation Catheter, Sensor Enabled™ spresenting there-dimensional direction of force.  The Force Number Refresh Rate setting changes the number of times the Force Number what is updated per second. This feature will be available for all Ensite™ X EP System Contact Force-compatible eatheters.  The following devices are required to use TactiFlex™ Ablation Catheter, Sensor Enabled™ Software and are sold separately: TactiFlex™ Ablation Catheter, Sensor Inabled™ (model A, TATSEL-D). ATTSEL-D). ATTSEL-F, ATTSEL-F, ATTSEL-F, ATTSEL-F, ATTSEL-D, ATTSEL-F, Equipment (PN-004 400) Compatible ablation generator  Ensite™ LiveView Dynamic Display  Ensite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an Ensite™ X EP System study.  The following devices are required to use Ensite™ LiveView Dynamic Display and are sold separately: Advisor™ ID Grid Mapping Catheter, Sensor Enabled™ (model D- AVED-DF6)  System contains Instructions for Use (IFU).  Service Coverage: Includes initial one-year manufacturer's warranty  SIM Connect™ Remote Access for real time technical support through a secure broadland connection.  TactiSys™ TactiFlex™ Radiofrequency Cable Anon-teride, reusable cable (model TSQ-RU-FFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™  TactiSys™ Quartz Equipment Radiofrequency Cable – for use with TactiCath SEM and the Amperow RG Generator (cable PN-004 5); will need to be purchased separately.  Advanced Mapping Software License is a set of mapping features that introduces the following	transformer. Only components of the Dyva should be connected to	1	ļ		
EnSite*** VOXEl Flex Mode is a feature allowing users to switch network EnJohn.  NaxY** and Ensite** VoXel Modes during a study.  This feature is compatible with EnSite** X EP System software version 3.0 or later.  TactiFlex*** Ablation Catheter, Sensor Enabled*** is a feature that introduces two new EnSite*** Up System software features:  The Force Direction Indicator features  The Force Number Refresh Rate setting changes the number of times the Force Number value is updated per second. This feature will be available for all EnSite*** X EP System Contact Force-compatible catheters.  The following devices are required to use TactiFlex*** Ablation Catheter, Sensor Enabled** Software and are sold separately:  TactiFlex*** Ablation Catheter, Sensor Enabled*** (unodel A-TESE-D, A-TESE-D), A-TESE-DP, A-TESE-PP, TactiSys*** Quartz Equipment (PN-004 400)  Compatible ablation generator  EnSite*** LiveView Dynamic Display is a feature sillowing mapping data to be visualized in real time during an EnSite** X EP System study.  The following devices are required to use EnSite*** LiveView Dynamic Display and are sold separately:  Advisor*** HD Grid Mapping Catheter, Sensor Enabled*** (model D-AVIID-DP16)  System contains Instructious for Use (IFU).  Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect*** Remote Access for real time technical support through a secure broadband connection.  TactiSys*** Quartz Equipment Radiofrequency Cable*  Anon-sterile, reasable cable (model TSQ-RP-TPSE-CEL) that is necessary when using TactiFlex** Ablation Catheter, Sensor Enabled**  TactiSys*** Quartz Equipment Radiofrequency Cable - for use with TactiCath SE** and the Ampring Software License is a set of mapping features that introduces the following new functionality:  **EnSite*** OT Near Field Detection Algorithm - A new detection method placing the detection time at the peak frequency (sh	this isolation transformer.	ļ			Ì
EnSite*** VoXel Hex Mode is a feature allowing users to switch between Entitle NaxY** and Ensitie** VoXed Modes during a study.  This feature is compatible with EnSite** X EP System software version 3.0 or later.  TactiFlex*** Ablation Catheter, Sensor Enabled*** Software TactiFlex*** Ablation Catheter, Sensor Enabled*** Is a feature that introduces two new EnSite*** Ity System software features:  The Force Direction Indicator features is plays an arrow near the tip of the TactiFlex*** Ablation Catheter, Sensor Enabled*** representing three-dimensional direction of force.  The Force Number Refresh Rate setting changes the number of times the Force Number sale is played per second. This feature will be available for all EnSite*** X EP System Contact Force-compatible extheters.  The following devices are required to use TactiFlex*** Ablation Catheter, Sensor Enabled** Software and are sold separately:  TactiFlex*** Ablation Catheter, Sensor Enabled*** (unodel A-TESE-D, A-TE	rugitary vo Vol Floy Made	ļ		1	ì
This feature is compatible with Eusite® X EP System software version 3.0 or later.  TactiFlex® Ablation Catheter, Sensor Enabled® is a feature that introduces two new Eusite® My System software features:  TactiFlex® Ablation Catheter, Sensor Enabled® is a feature that introduces two new Eusite® My System software features:  The Force Plumber software features displays an arrow near the tip of the TactiFlex® Ablation Catheter, Sensor Enabled® representing times dimensional direction of force.  The Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times and the Post of the Artificial Refresh Refresh Rate Refres	Ensite Voxel Flex Mode is a feature allowing users to switch between Ensite	Į		}	}
This feature is compatible with EnSite** X EP System software version 3.0 or later.  TactiFlex** Ablation Catheter, Sensor Enabled** Software TactiFlex** Ablation Catheter, Sensor Enabled** is a feature that introduces two new EaSite** IP System software features:  O The Force Direction Indicator features displays an arrow near the tip of the TactiFlex** Ablation Catheter, Sensor Enabled** representing three-dimensional direction of force.  The Force Number Refresh Rate setting changes the number of times the Force Number Refresh Rate setting changes the number of times the Force Number water is updated per second. This feature will be available for all EnSite** X EP System Contact Force-compatible catheters.  The following devices are required to use TactiFlex** Ablation Catheter, Sensor Enabled** Software and are sold separately: TactiFlex** Ablation Catheter, Sensor Enabled** unoded A-TESE-D, A-TESE-JD, A-TESE-JP, A-TE	NovYTM and EnSite TW VoXel Modes during a study.			-	ļ
later.  TactiFlex™ Ablation Catheter, Sensor Enabled™ is a feature that introduces two new EnSite™ EP System software features:  O The Force Direction Indicator feature displays an arrow near the tip of the TactiFlex™ Ablation Catheter, Sensor Enabled™ prepresenting three-dimensional direction of force.  The Force Nimber Refresh Rate setting changes the number of times the Force Nimber Ration Catheter, Sensor Enabled™ representing three-dimensional direction of force.  The Force Nimber Ration Catheter, Sensor Enabled™ representing three-dimensional direction of force.  The Force Nimber value is updated per second. This feature will be available for all EnSite™ XEP System Contact Force-compatible catheters.  The following devices are required to use TactiFlex™ Ablation Catheter, Sensor Enabled™ (model A-TESE-D), TactiFlex™ Ablation Catheter, Sensor Enabled™ (model A-TESE-D), A-TESE-D, TactiSys™ Quartz Equipment (PN-004 400) Compatible ablation generator  EnSite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an Ensite™ X EP System study.  The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model Hyoze): Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVIID-DFi6)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable—for use with TactiCath SE™ and the Anpere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detect		i		1	ļ
later.  TactiFlex™ Ablation Catheter, Sensor Enabled™ is a feature that introduces two new EnSite™ EP System software features:  O The Force Direction Indicator feature displays an arrow near the tip of the TactiFlex™ Ablation Catheter, Sensor Enabled™ prepresenting three-dimensional direction of force.  The Force Nimber Refresh Rate setting changes the number of times the Force Nimber Ration Catheter, Sensor Enabled™ representing three-dimensional direction of force.  The Force Nimber Ration Catheter, Sensor Enabled™ representing three-dimensional direction of force.  The Force Nimber value is updated per second. This feature will be available for all EnSite™ XEP System Contact Force-compatible catheters.  The following devices are required to use TactiFlex™ Ablation Catheter, Sensor Enabled™ (model A-TESE-D), TactiFlex™ Ablation Catheter, Sensor Enabled™ (model A-TESE-D), A-TESE-D, TactiSys™ Quartz Equipment (PN-004 400) Compatible ablation generator  EnSite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an Ensite™ X EP System study.  The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model Hyoze): Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVIID-DFi6)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable—for use with TactiCath SE™ and the Anpere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detect	This feature is compatible with EnSite™ X EP System software version 3.0 or	1		-	Į
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o The Force Direction Indicator feature displays an arrow near the tip of the TactiFlex™ Ablation Catheter, Sensor Enabled™ representing three-dimensional direction of force.  The Force Number Refresh Rate setting changes the number of times the Force Number value is updated per second. This feature will be available for all EnSite™ X EP System Contact Force-compatible catheters.  The following devices are required to use TactiFlex™ Ablation Catheter, Sensor Enabled™ Software and are sold separately: TactiFlex™ Ablation Catheter, Sensor Enabled™ (model A-TFSE-D, A-TFSE-D, A-TFSE-D, A-TFSE-D, A-TFSE-F, A-TFSE-F, A-TFSE-F, A-TFSE-J, A-TFSE	TactiFlex Ablation Catheter, Sensor Enabled is a leature that metabolic is a leature t	1		1	
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the Force Number value is updated per second. Inst leature with the available for all EnSite™ X EP System Contact Force-compatible catheters.  The following devices are required to use TactiFlex™ Ablation Catheter, Sensor Enabled™ Software and are sold separately:  TactiFlex™ Ablation Catheter, Sensor Enabled™ (model A-TFSE-D, A-TFSE-F)  TactiSys™ Quartz Equipment (PN-004 400)  Compatible ablation generator  EnSite™ LiveView Dynamic Display  EnSite™ LiveView Dynamic Display  EnSite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an EnSite™ X EP System study.  The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable  Anon-sterile, reusable cable (model TSQ-RF-TFSE-CEL) that is necessary when using TactiFlex™ Radiofrequency Cable — for use with TactiCath SETM and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	the dimensional direction of force.			į	ļ
available for all EISIECT X EF System Content to Use TactiFlex™ Ablation catheters.  The following devices are required to use TactiFlex™ Ablation Catheter, Sensor Enabled™ Software and are sold separately: TactiFlex™ Ablation Catheter, Sensor Enabled™ (model A-TESB-D, A-TESB-D), A-TESB-DD, A-TESB-DF, A-TESB-F, A-TESB-F, A-TESB-J, A-TESB-JD, A-TESB-DF, A-TESB-F, A-TESB-J, A-TESB-JD, A-TESB-DF, TactiSys™ Quartz Equipment (PN-004 400) Compatible ablation generator  Ensite™ LiveView Dynamic Display Ensite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an Ensite™ X EP System study.  The following devices are required to use Ensite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping, Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable Anon-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	o The Force Number Refresh Rate setting changes the number of times	\ \	1	ļ	
available for all Ensite™ X Er System Cust Totelex™ Ablation Catheters.  The following devices are required to use TactiFlex™ Ablation Catheter, Sensor Enabled™ Software and are sold separately: TactiFlex™ Ablation Catheter, Sensor Enabled™ (model A-TESE-D, A-TESE-DD, A-TESE-DF, A-TESE-FF, A-TESE-J, A-TESE-DD, A-TESE-FF, A-TESE-FJ, A-TESE-DD, A-TESE-FF, A-TESE-FJ, A-TESE-JD, A-TESE-FF, TactiSys™ Quartz Equipment (PN-004 400) Compatible ablation generator  Ensite™ LiveView Dynamic Display Ensite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an Ensite™ X EP System study.  The following devices are required to use Ensite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D- AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ Catheter, Sensor Enabled™.  TactiSys™ TactiFlex™ Radiofrequency Cable Anon-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	The Number value is undated per Second, Illis Icaidic will be t	ļ	1		
o The following devices are required to use "factifiex" Ablation Catheter, Sensor Enabled™ (model A-TFSE-D, TactiFlex" Ablation Catheter, Sensor Enabled™ (model A-TFSE-D, A-TFSE-DD, A-TFSE-DD, A-TFSE-DP, A-TFSE-F, A-TFSE-FJ, A-TFSE-J, A-TFSE-DD, A-TFSE-DP, A-TFSE-F, A-TFSE-FJ, A-TFSE-J, A-TFSE-JD, TACTISSys™ Quartz Equipment (PN-004 400) Compatible ablation generator  Ensite™ LiveView Dynamic Display Ensite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an Ensite™ X EP System study.  The following devices are required to use Ensite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable Anon-sterie, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable – for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased  ENSITE— Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  Ensite™ Of Near Field Detection Algorithm – A new detection method placing the detection time at the peak frequency (sharpest			1		
Catheter, Sensor Enabled Software and artes ston separatory.  Tactifflex***Ablation Catheter, Sensor Enabled T* (model A-TFSE-D, A-TFSE-DD, A-TFSE-DD, A-TFSE-DD, A-TFSE-DF, A-TFSE-F, A-TFSE-F, A-TFSE-J, A-TFSE-J, A-TFSE-JJ, A-TFSE-JD, A-TFSE-DF, A-TFSE-F, A-TFSE-F, A-TFSE-J, A-TFSE-JJ, A-TFSE-JJ, A-TFSE-DF, A-TFSE-F, A-TFSE-F, A-TFSE-J, A-TFSE-J, A-TFSE-JJ, A-TFSE-JJ, A-TFSE-DF, A-TFSE-F, A-TFSE-F, A-TFSE-J, A-TFSE-J, A-TFSE-JJ, A-TFSE-	catheters.	1	-	Ì	
TactiFigex*** Ablation Catheter, Sensor Enabled** (Induct SET), A-TFSE-D, A-TFSE-D, A-TFSE-F), A-TFSE-J, A	de the ten Concor Englished M Software and are sold separately.	1	ļ	i i	
A-TFSE-DF, A-TFSE-FF, A-TFSE-FF, A-TFSE-FF, A-TFSE-FF, A-TFSE-FF, A-TFSE-FF, A-TFSE-FF, TactiSys™ Quartz Equipment (PN-004 400) Compatible ablation generator  EnSite™ LiveView Dynamic Display EnSite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an EnSite™ X EP System study.  □ The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  ■ EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	The state of the control of the cont	ļ	l	ł	ì
A-TFSE-JJ, A-TFSE-FP TactiSys™ Quartz Equipment (PN-004 400) Compatible ablation generator  EnSite™ LiveView Dynamic Display EnSite™ LiveView Dynamic Display EnSite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an EnSite™ X EP System study.  o The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D- AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  • EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	A TESE-DD A-TESE-DE, A-TESE-F, A-TESE-FJ, A-TESE-J,			,	<b>\</b>
TactiSys™ Quartz Equipment (PN-004 400) Compatible ablation generator  EnSite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an EnSite™ X EP System study.  The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TrSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004515) will need to be purchased separately.  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	A TESE-LI A TESE-FF)		1	ļ	<b>\</b>
EnSite™ LiveView Dynamic Display EnSite™ LiveView Dynamic Display EnSite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an EnSite™ X EP System study.  □ The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D- AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  ■ EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	TactiSys <sup>TM</sup> Quartz Equipment (PN-004 400)	Ì		į	ļ
EnSite™ LiveView Dynamic Display EnSite™ LiveView Dynamic Display is a feature allowing mapping data to be visualized in real time during an EnSite™ X EP System study.  o The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D- AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  • EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	Compatible ablation generator	Ì			4
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o The following devices are required to use EnSite™ LiveView Dynamic Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-FFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	EnSite <sup>TM</sup> LiveView Dynamic Display	ļ	}	]	
o The following devices are required to use Elistic Playton Display and are sold separately:     Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software     Entitlement Kit (model H702519)     Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVVH-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	EnSite <sup>TM</sup> LiveView Dynamic Display is a feature anowing mapping data to be	1		1	
Display and are sold separately: Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ Software Entitlement Kit (model H702519) Advisor™ HD Grid Mapping Catheter, Sensor Enabled™ (model D-AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect™ Remote Access for real time technical support through a secure broadband connection.  TactiSys™ TactiFlex™ Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex™ Ablation Catheter, Sensor Enabled™.  TactiSys™ Quartz Equipment Radiofrequency Cable — for use with TactiCath SE™ and the Amperer™ RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	visualized in real time during an Ensite A Er System study.			· ·	
Advisor <sup>TM</sup> HD Grid Mapping Catheter, Sensor Enabled Software Entitlement Kit (model H702519) Advisor <sup>TM</sup> HD Grid Mapping Catheter, Sensor Enabled <sup>TM</sup> (model D-AVHD-DF16)  System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect <sup>TM</sup> Remote Access for real time technical support through a secure broadband connection.  TactiSys <sup>TM</sup> TactiFlex <sup>TM</sup> Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex <sup>TM</sup> Ablation Catheter, Sensor Enabled <sup>TM</sup> .  TactiSys <sup>TM</sup> Quartz Equipment Radiofrequency Cable — for use with TactiCath SE <sup>TM</sup> and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	nt 1 I am mold compreteiv	ļ	ļ	ļ	
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System contains Instructions for Use (IFU). Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect <sup>TM</sup> Remote Access for real time technical support through a secure broadband connection.  TactiSys <sup>TM</sup> TactiFlex <sup>TM</sup> Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex <sup>TM</sup> Abiation Catheter, Sensor Enabled <sup>TM</sup> .  TactiSys <sup>TM</sup> Quartz Equipment Radiofrequency Cable — for use with TactiCath SE <sup>TM</sup> and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	AVHD-DF16)				
Service Coverage: Includes initial one-year manufacturer's warranty  SJM Connect <sup>TM</sup> Remote Access for real time technical support through a secure broadband connection.  TactiSys <sup>TM</sup> TactiFlex <sup>TM</sup> Radiofrequency Cable A non-sterile, reusable cable (model TSQ-RF-TFSE-CBL) that is necessary when using TactiFlex <sup>TM</sup> Ablation Catheter, Sensor Enabled <sup>TM</sup> .  TactiSys <sup>TM</sup> Quartz Equipment Radiofrequency Cable — for use with TactiCath SE <sup>TM</sup> and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest					-
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A non-sterile, reusable cable (model TSQ-RF-IFSE-CBL) that is necessary when using TactiFlex <sup>TM</sup> Ablation Catheter, Sensor Enabled <sup>TM</sup> .  TactiSys <sup>TM</sup> Quartz Equipment Radiofrequency Cable — for use with TactiCath SE <sup>TM</sup> and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	secure proauband connection.				
A non-sterile, reusable cable (model TSQ-RF-IFSE-CBL) that is necessary when using TactiFlex <sup>TM</sup> Ablation Catheter, Sensor Enabled <sup>TM</sup> .  TactiSys <sup>TM</sup> Quartz Equipment Radiofrequency Cable — for use with TactiCath SE <sup>TM</sup> and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	TootiSve <sup>IM</sup> TactiFley <sup>IM</sup> Radiofrequency Cable			]	
using TactiFlex <sup>TM</sup> Ablation Catheter, Sensor Enabled  TactiSys <sup>TM</sup> Quartz Equipment Radiofrequency Cable – for use with TactiCath SE <sup>TM</sup> and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm – A new detection method placing the detection time at the peak frequency (sharpest	A non storile rousehle cable (model 150-RF-1FSE-CDL) that is necessary when	ļ			
TactiSys <sup>TM</sup> Quartz Equipment Radiofrequency Cable — for use with TactiCath SE <sup>TM</sup> and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) will need to be purchased separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	using TactiFlex <sup>TM</sup> Ablation Catheter, Sensor Enabled <sup>TM</sup> .	ļ	1	}	
and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) with fixed to be particular separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	,			<u> </u>	
and the Ampere <sup>TM</sup> RF Generator (cable PN-004 515) with fixed to be particular separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	TactiSusTM Quartz Equipment Radiofrequency Cable - for use with TactiCath SETM			\	
Separately.  Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	and the Ampere™ RF Generator (cable PN-004 515) will need to be purchased			ļ ļ	
Advanced Mapping Software License  Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	separately	EMOTE	1	\$30,000	\$20,000
Advanced Mapping Software License is a set of mapping features that introduces the following new functionality:  • EnSite™ OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	Advanced Mapping Software License	1	\ 1	400,000	. ,
• EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest		7111 2.0	1		
• EnSite <sup>TM</sup> OT Near Field Detection Algorithm — A new detection method placing the detection time at the peak frequency (sharpest	Advanced Mapping Software License is a set of mapping features that			) }	
method placing the detection time at the peak nequency (sharpest	introduces the following new functionanty:				
method placing the detection time at the peak nequency (sharpest	or at THOUNT on Field Detection Algorithm - A new detection			]	
noint) of the signal.	• EnSite of Near Field Detection Tingortame		1		
DOTHER OF THE OFFICE	method placing the detection time at the parties of the signal			<u> </u>	
***************************************	point) of the signal,				Programme and the second

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		· · · · · · · · · · · · · · · · · · ·		
Peak Frequency maps – A new map type based on the peak frequency (sharpness) of the map point signal.				
• Emphasis maps – A new map visualization tool where areas of interest are emphasized on the map by darkening areas on the map that do not meet user-defined criteria.				
<ul> <li>Included EnSite™ OT license features:         <ul> <li>Omnipolar waveforms – A calculated waveform of the optimal bipole (maximum voltage) independent of catheter orientation. Omnipolar waveforms are calculated from the bipoles of triangular three-electrode groupings, or cliques, on the Advisor™ HD Grid Mapping Catheter, Sensor Enabled™.</li> </ul> </li> <li>Activation Vectors – A mapping feature where arrows representing activation direction, calculated from EnSite™ OT waveforms, are overlaid on the map.</li> </ul>				
Included EnSite™ X EP System Wave Speed license feature:	 			
Wave Speed maps – A new map type showing the apparent speed at which the depolarization wave travel through the cardiac tissue.	ENTOTO:	-1	\$20,000	\$10,000
<ul> <li>AutoMark Distance Software License</li> <li>The EnSite™ X EP System AutoMark Distance software license introduces a new tool to display the measured distance in the model/map display between:         <ul> <li>An ablation catheter and an AutoMark or manual lesion marker.</li> <li>Two or more AutoMarks or manual lesion markers</li> </ul> </li> </ul>	ENSITE- AMD-01	1	\$20,000	φ10,000
This feature is compatible with EnSite™ X EP System software version 3.0 or later.		1	\$30,000	\$20,000
Averaged Impedance Drop Software License  The EnSite™ X EP System Averaged Impedance Drop Software License introduces averaged radiofrequency (RF) impedance data. Averaged impedance data can be visualized as a waveform or numeric value in the software and is used in the calculation of two AutoMark metrics:  • Averaged Impedance Drop − The difference between the averaged impedance at the start of a session and the global minimum averaged impedance for the session.  • Averaged Impedance Drop (%) − The percentage difference between the averaged impedance at the start of a session and the global minimum averaged impedance for the session.  Averaged impedance data is created by applying a one-second moving average to un-averaged impedance data received from the Ampere™ Generator. Averaged impedance data can be viewed in real-time or when reviewing a recorded RF session.	ENSITE- IMP-01		ψ,0,000	
This feature is compatible with EnSite™ X EP System software version 3.0 or later.	ENSITE-	1	\$35,000	\$25,000
Pulsed Field Ablation (PFA) Catheter Visualization Software License The EnSite™ X EP System PFA Catheter Visualization Software License introduces visualization of a third party PFA catheter, providing a visual rendering of the catheter onto the system.	FWV-01		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
NOTE: This feature will only be usable when an appropriate third party PFA catheter is connected and can be visualized in the following configurations:  • Flower				



		i		
• Basket		l		
This feature is compatible with EnSite™ X EP System software version 3.0.2 or later.			\$55.000	\$20,000
EnSite™ Contact Force Module	CFK3000	1	\$55,000	Ψ20,000
Contains:	[		]	ļ
<ul> <li>EnSite™ Contact Force Module v1.0</li> </ul>			[	ļ
<ul> <li>TactiSys™ Quartz</li> </ul>			ļļ	į
Allows contact force data to be viewed on the EnSite Velocity Cardiac Mapping System. Key benefits include an intuitive display of contact force data, easier set-up and an enhanced workflow.				
<ul> <li>Requires EnSite Velocity System Display Workstation 5 (DWS5) or</li> </ul>				
higher. o Requires EnSite Precision Mapping Module part number H700386 to already be installed.				
Service Coverage: Includes initial one year manufacturer's warranty	H700494	1	\$30,000	\$12,000
Ampere™ Generator Kit				
Increased efficiency and control				
Designed for improved efficiency and decreased noise interference     User controlled Power or Temperature modes				1
New Power Control mode for:				
- Cofficial Duo Ablation Catheters	ļ			1
o Therapy™ Cool Path™ Duo Ablation Catheters o Future irrigated ablation catheters				· 1
The transport of the standard options		ļ		, 1
Monitor real-time temperature and impedance data on the color box	<b>'</b>			
screen Power, temperature, impedance and duration push-button controls		1		}
Increased lab efficiency through user presets				
Easy bedside physician control with included Footswitch				1
Solutions designed to reduce risk				1
Select maximum temperature for automatic modulation of power	r	1		1
1 11 th - Town Chard mode				1
Manage procedural needs through user-configured variable Power Ramp-Up				)
g_utual imigation flow rates with the Auto Flow leature	cc	Ì	Ì	
Enhanced control of RF delivery with Automatic RF shuto	п	1		
parameters o For example, auto-shut off is adjustable for impedance the	at			
changes by more than 10 ohms over 5 seconds				ļ
Seamless integration for the EP Lab				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
The managed integrates with old thingle velocity bysics	n,			
TIT I. Matata M. Clanicia Suctam Cool Politic Titligation I unit and	*** ]			
other Abbott Laboratories Inc., standard and irrigated ablatic catheters. The Ampere software is also upgradable via US	SB		ļ	
connection.				
Includes generator and footswitch with 2.5 m cable.				
Specifications				
DE Output Power: 1 to 100 W adjustable in steps of 1 W				1
James Danger Measures 50 O to 300 M in Siens Of 144				
<ul> <li>Impedance Range. Measures 50 22 to 30 acts of 1° C</li> <li>Target Temperature: 15° C to 80° C adjustable in steps of 1° C</li> <li>RF Delivery Time: 1 to 999 seconds adjustable in steps of 1 second</li> </ul>				
• RF Denvely Time: 1 to 3777 bosonies 113.				



individually).	ļ		1	
<ul> <li>Cool Point Irrigation Pump Includes: Pump, power cord, pole clamp, 1779 communications (connecting) cable, tubing set (1 each) and operator's manual. Communication cable for the Cool Point Irrigation Pump (included with pump). Cool Point Tubing Set (sold</li> </ul>				
Cool Point Irrigation Pump	89003	1	\$15,000	\$5,900
Service Coverage: Includes initial one year manufacturer's warranty Ampere™ Remote Control (includes 15m fiber cord)	H700490	1	\$10,000	\$5,000
<ul> <li>Control Modes: Temperature; Power</li> <li>Energy Delivery Modes: Independent; Sequential; Simultaneous</li> <li>Operating Parameters: Values are digitally displayed on the Ampere™ Generator front panel</li> <li>Generator Dimensions: 266.7mm H x 360.68mm W x 363.22mm D (10.5" H x 14.2" W x14.3" D)</li> <li>Generator Weight: 9.98 kg (22.0 lbs)</li> <li>Supply Voltage: 100-240 VAC, 50/60 Hz</li> <li>Safety Class: Class I; Type CF according to IEC 60601-1</li> </ul>				





SIEMENS REPRESENTATIVE Gregory Thudium - +1 (314) 604-8452 gregory.thudium@siemens-healthineers.com

## PRELIMINARY PROPOSAL

Customer Number: 0000010388

Date: 02/05/2024

#### SSM HEALTH ST MARYS HOSPITAL 6420 CLAYTON RD SAINT LOUIS, MO 63117

Siemens Medical Solutions USA, Inc. is pleased to submit the following quotation for the products and services described herein at the stated prices and terms, subject to your acceptance of the terms and conditions on the face and back hereof, and on any attachment hereto.

	<u>Page</u>
Table of Contents  ARTIS icono ceiling Cardiology (Quote Nr. CPQ-949405 Rev. 0)	2
ARTIS icono ceiling Cardiology (Quote Nr. CPQ-949405 Rev. 0) OPTIONS for ARTIS icono ceiling Cardiology (Quote Nr. CPQ-949405 Rev. 0)	10

Contract Total: \$ 1,050,576

(total does not include any Optional or Alternate components which may be selected)

Proposal valid until 03/21/2024



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#### PRELIMINARY PROPOSAL

Quote Nr:

CPQ-949405 Rev. 0

**Terms of Payment:** 

Note in order Text Terms of payment

Free On Board: Destination

Purchasing Agreement:

IDN - SSM HEALTH PARTNERSHIP

IDN - SSM HEALTH PARTNERSHIP terms and conditions

apply to Quote Nr CPQ-949405

Customer certifies, and Siemens relies upon such certification, that : (a) VIZIENT CARD-VASC - XR0705 is the sole GPO for the purchases described in this Quotation, and (b) the person signing this Quotation is fully authorized under the Customer's policies to choose and indicate for

Customer such appropriate GPO.

## **ARTIS** icono ceiling Cardiology

All items listed below are included for this system:

Qty Part No. Item Description

14465276

**ARTIS icono ceiling Cardiology** 

ARTIS icono ceiling Cardiology adapts effortlessly to different users and cardiac procedures, reducing training times for new staff, streamlining workflows significantly, and improving procedural outcomes. This intuitive system offers advanced 2D, 3D and multimodality support for a wide variety of procedures, from routine to more complex treatment for coronary artery disease, structural heart disease and arrythmias.

The ceiling mounted C-arm combines flexibility and speed for a smooth positioning at any side of the patient without rotating the patient table.

OPTIQ is a new approach to image quality and dose, to visualize new materials and smaller devices clearly with low dose.

CaseFlows improve usability and standardization. For new and complex procedures this will help the cardiologist to focus on the procedure.

14465321

Omni Spin

ARTIS icono ceiling Omni Spin.

14455542

Laser crosshairs

Laser cross for zen40HDR and as40HDR detector, integrated into the detector housing for simplified patient positioning and for syngo Needle Guidance marking

preplanned puncture point and angle.

14465043

**Imaging System** 

Image system computer for control of system operation and image acquisition.

Dual architecture

In order to provide highest level system availability, the imaging system consists of two independent computer systems that manage central tasks such as real-time image processing during fluoroscopy or acquisition as well as post-processing and

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## PRELIMINARY PROPOSAL

		V Description
Qty	Part No.	Item Description networking functionality separately from one another. This ensures the best possible system performance and availability. Image storage capacity 100,000 images in 1k matrix with a size of 2 MB 25,000 images in 2k matrix with a size of 8MB
1	14465084	Live 2k Imaging Live 2k Imaging allows fluoroscopy, digital acquisition, and digital subtraction angiography as well as display and storage in 2k image matrix, for up to 15 fps. The 2k image matrix allows an excellent spatial resolution. Thus, the image meets highest expectations in angiography and fulfills all prerequisites for precise diagnostics and safe interventions.
1	14432948	Automap  Automatic stand positioning depending on the selected reference image and automatic reference image selection depending on the stand positioning.
1	14465042	OPTIQ with as40HDR GIGALIX  OPTIQ image chain with the following tube, collimator, and flat detector configuration: as40HDR detector and GIGALIX tube  The as40HDR flat detector is optimized for the requirements of radiology.
		The GIGALIX X-ray tube concentrates high pulse power on small, square-shaped focal spots (flat emitter technology for all focal spots). This provides unprecedented image quality for confidence in challenging situations.
1	14455633	Add. Display with Live Image 24" TFT display for Live Image display.
		Including 36m cable with DVI-D connection and transceiver for display installation on the rear of the DCS in combination with the Large Display.
1	14465015	Multimodality Viewing Supports the connection of external video sources such as Sensis/recording systems, PACS, HIS/RIS, Ultrasound, ECG, IVUS, OCT, external video, endoscope, mapping systems, and their visualization on the exam room display. Adapted to the local needs and depending on the availability of the cockpit option up to 24 external sources can be connected.
1	14455573	Large Display (rail mount) Large color flat screen display (including cables) for the examination room, with a panel diagonal of 55". This large display version provides an excellent clinical image quality due to its new IPS panel technology. The Large display is fixed on a ceiling-mounted, longitudinally movable, rotatable, and height-adjustable display holder in the examination room.
1	14465217	Large Display diagn. protection 55" laminated glass protective screen for the monitor panel.
1	14465030	Large control room display Large control room display - Panel: 31.5" - Resolution 3840 x 2160 - Pixel size: 0.181 x 0.181 mm - Typical contrast: max. 1000 : 1

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#### PRELIMINARY PROPOSAL

#### Part No. Qtv

#### Item Description

- Max. luminance 700 cd/m2
- Calibrated luminance: 400 cd/m2
- Display area (diagonal): 800 mm
- Dimensions without stand: (W x H x D) 761 x 471 x 90 mm

#### 14465045 1

#### ARTIS multi-tilt table

ARTIS multi-tilt table ensures optimal patient positioning regardless of the procedure and patient size. With an unprecedented level of material integrity, it is suitable for even the heaviest of patients.

- Maximum table load: 440 kg (970 lbs.) consisting of 280 kg (617 lbs.) for the patient, 100 kg (220 lbs.) for accessories, plus 60 kg (132 lbs.) for CPR
- Allows tilting in +15°/-20° and a +/-15° cradle
- The easy-float tabletop permits hassle-free positioning of the tabletop regardless of patient weight, mounted lower-body radiation protection and tableside modules
- Small table base allows upright and comfortable standing, close to the patient.
- The Siemens unique IsoTilt functionality keeps the C-arm projection during Trendelenburg tilting.
- Ball bearing mounted slidable accessory rails on both sides for easy positioning of control modules and accessories.

It is mandatory to provide UPS back up with this table option in order to comply with IEC 60601-2-43 CL. 201.15.101. Reason: In the event of power failure a neutral table position suitable for CPR must be reachable within 15 seconds. A suitable UPS from Siemens as required must be included in your order unless an existing / planned UPS provision for your installation site will satisfy the requirement.

#### 14455544

#### Tabletop - narrow

Narrow-shaped carbon fiber patient positioning tabletop with head-end recess. Ideal for cardiological and neuro-interventional applications. Tabletop tapered in the thorax area for maximum freedom of C-arm angulation.

Maximum patient weight: 280 kg / 617.3 lbs.

Weight: 13 kg / 28.7 lbs.

Length: 2287 ± 1 mm / 90.1" ± 0.04"

Width head-end: 228 ± 0,5 mm / 9.0" ± 0.02" Width middle body:  $480 \pm 0.8 \text{ mm} / 18.9 \pm 0.03$ Width lower body: 525 ± 0.5 mm / 20.7" ± 0.02"

Intended only for use with ARTIS tables.

#### 14455548

#### Mattress - thick

Matching, special-foam mattress, 7 cm, incl. a latex-free cover.

This visco-elastic comfort mattress reacts to temperature and has the special property of adapting to the individual body shape under the influence of body weight and heat.

Mattress thickness: 70 ± 5 mm / 2.8" ± 0.2"

#### 14465054

#### Oper. contr. ARTIS table

For an ideal workflow, full system operation can be performed directly at the table

This includes complete system operation through modular control elements for controlling C-arm movements, patient table, and collimator.

The illuminated controls and touch display are easy to use – even when covered with drapes for sterile operation.

The pilot module provides comfortable and ergonomic operation of the system. It allows the control of system and table movements, imaging parameters, the

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#### PRELIMINARY PROPOSAL

		PRELIMINARY PROPOSAL
Qty	Part No.	Item Description
Qty	T dit ivo	selection of examination protocols, image acquisition and evaluation and many other functions. The touch screen can be configured to meet individual clinical
		requirements.  The Touch2Move technology allows intuitive activation of system movements.
		Table control module (with ARTIS multi-tilt table) The table operating module with panning knob for servo-assisted table movement enables virtually force-free movement of the patient regardless of table load and table inclination.
		Table control module (with ARTIS standard table) Table control module with panning knob for free-floating tabletop movement.
		Collimator control module  The Collimator control module for controlling of all collimator functions, such as rectangular blade or wedge-shaped filters.
		Hand switch  Multi-functional hand switch for acquisition control, switching acquisition frame rates and/or step movements. (This switch might not be available in all countries.)
1	14465069	<b>1st 4 pedal cable footswitch</b> Wired 4-pedal footswitch for release of fluoroscopy, acquisition, and tabletop brake (with ARTIS table), as well as configurable control function.
1	14465049	2nd 4 pedal wireless footswitch Additional wireless 4-pedal footswitch for release of fluoroscopy, acquisition, and tabletop brake (with ARTIS table), as well as configurable control function.
1	14440419	Cable clips ECG Cable clips for securing the ECG cable to the patient tabletop. It includes 10 cable clips.
•		Intended only for use with Artis / ARTIS tables
1	14465062	Infusion bottle holder  This infusion bottle holder can be mounted at the accessory rail of the patient table. It holds up to 4 infusion bottles. It includes an infusion bottle holder made of stainless steel with 4 retaining rings.
		Intended only for use with Artis/ARTIS tables.
1	14455916	Spacer Rail  This is an accessory rail for attachment of tableside rail equipment (for use with an extended lateral moving tabletop).  This accessory allows tableside mounted equipment, to be used on a table featuring extended lateral tabletop movement.  Rail accessories which would strike the table pedestal, are positioned outside of this movement range.
		Weight: 4.7 kg Dimensions: 65 cm (L) $\times$ 10 cm (W) $\times$ 4.4 cm (H)
. 1	14440459	Arm rest  Arm support used for the arm approach. Length: 1 m (39.4"). Slides underneath the patient mattress and is held in position by the patient's weight.  Made of radiolucent carbon fiber material which is easy to clean. It includes two additional support pads of two different heights (4 and 7 cm).  Length pad: 60 cm / 23.62"

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#### PRELIMINARY PROPOSAL

#### Qty Part No.

#### Item Description

Width: 9 to 20 cm / 3.54" to 7.87" Maximum weight: 5 kg (11.02 lbs.) Weight (with pads): 2.1 kg / 4.63 lbs.

Intended only for use with Artis / ARTIS tables.

#### 14440460

#### Arm holder (pair)

The patient's arms can be comfortably placed along the body using these two arm holders. They slide underneath the patient mattress and is held in position by the patient's weight.

It includes two pairs of arm holders of different length (540 mm / 690 mm - 21.2" / 27.2") and height (85 mm / 115 mm - 3.35" / 4.53"), suitable both for thick and thin patient mattresses.

Intended only for use with Artis / ARTIS tables.

#### 14465056

#### Abdomen radiation prot. IR

This radiation shield protects the user from scattered radiation when standing at the table side. It can be attached to the accessory rails either on the right or on the left side of the patient positioning table.

It provides the user an additional accessory rail.

It includes a basic unit

(89 cm x 75 cm / 35" x 29.5" (l x h);

one lower body radiation protection pivot swivel element

(48 cm x 75 cm / 18.9" x 30.3" (l x h);

one flip down element 57 cm x 33cm / 22.4" x 12.99" (l x h), and two clip-on units ( 27 cm x 33 cm / 10.6" x 12.99", and 27 cm x 25 cm / 10.6" x 9.8")

with a lead of 0.5 mm / 0.02" Pb.

The maximum load of the accessory rails is 20 kg (44.1 lb).

Intended only for use with ARTIS tables. It provides a dictance of 7cm to prevent the collision with the table base in case of maximum penning.

#### 14434157 1

#### Moveable upper body rad, protection

This radiation shield protects the user from scattered radiation.

It includes a ceiling rail (4 m / 157.5"), a ceiling mounted and movable stand (80 cm or 57 cm / 31.5" or 22.4"), a support arm (94 cm x 91 cm / 37" x 35.8") and an acrylic glass.

The shield is made of acrylic glass with lead equivalent of 0.5 mm

(w x h: 61 cm x 76 cm / 24" x 29.9"), which can pivot and rotate around a fixed point with a range of 360 degrees.

The operation range is limited when used with Artis floor/biplane MN. Max. weight: 18 kg / 39.68 lbs.

#### 14440512

#### **LED Exam Light**

Ceiling-mounted, flexible positionable examination light with focusable light system. It is fully integrated into the ceiling-installed radiation protection mounting unit.

- Luminance:
- Min 70.000 Lux for 100 cm / 39.4" distance
- Working distance:
- 70 to 140 cm / 27.6" to 55.1"
- Focusable light field:
- 14 to 25 cm / 5.5" to 9.8"
- Color rendering index Ra at 4500 Kelvin:
- Color temperature: 4,100+-200 Kelvin

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#### PRELIMINARY PROPOSAL

		PRELIMINARY PROPOSAL
Qty	Part No.	Item Description - Total input power: Max. 24 VA
1	14465144	DSA acquisition mode Digital subtraction angiography with up to 30 f/s in 1k/16-bit matrix is available. Automatic pixel-shift processing for most accurate subtracted image display during Roadmap and DSA based on real time movement detection and compensation.
		OPTIQ Roadmap comes with enhanced image quality improvements at reduced radiation dose. Several directly accessible features ease the workflow and save time.
1	14465017	CLEARstent Live - advanced package  The CLEARstent imaging function allows an improved display of fine stent structures, i.e., the grid of inflated stents. CLEARstent is a post-processing stent enhancement and may be used also on previously acquired images.
		PACS compatibility for review on any DICOM. The CLEARstent algorithm detects two markers of a balloon or stent markers and aligns all frames from a series with a minimum of 25 frames.
		CLEARstent Live is a real-time stent enhancement tool and provides a stabilized view of the moving stent which is displayed on the Assist/Reference Monitor.
		CLEARstent Live allows real-time verification of stent positioning while moving the device. This enables the physician to precisely position the stent in relation to the anatomy of the heart and stents that already have been implanted. As a very new feature capability CLEARstent Live now also offers the option to enhance the region of interest (ROI). This is done by applying a special image processing in the ROI and overlaying it onto the original scene while preserving the live image outside of the enhanced area.
		Additionally, the Last Image Hold (LIH) of the CSL scene may be stored as a reference image. This might make an extra acquisition for getting a ref image (e.g., CLEARstent acquisition) obsolete.
		Contains both CLEARstent Live license and CLEARstent license.
1	14465205	PERISTEPPING / PERIVISION C-arm stepping for real-time bolus chasing.
		Peripheral digital angiography with stepping and online subtraction display.
1	14465096	QVA Vascular analysis Vessel analysis with determination of degree of stenosis, distance measurement and calibration. With ARTIS icono SW version VE21 and higher QVA is available as the optional feature "QuantWeb QVA". QuantWeb QVA is part of syngo application software and can be deployed on the imaging system.
1	14440411	Intercom - Comfort Intercom system for communication between examination room and control room. It includes: - A microphone with a control box for the control room A microphone with an adaptive acoustic

- A microphone with an adaptive acoustic filter for background noise suppression

- A footswitch for conversation selection

for the examination room.

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#### PRELIMINARY PROPOSAL

Qty	Part No.	Item Description for the examination room.					
1	14465141	OEM recording system interface Cable connection to an OEM measurement system.  Holder for the ECG interface when using an OEM measurement system in the examination room.					
		Recording, storage, and display of an ECG lead. Displayed together with the image information on a single monitor.					
1	14465124	Operation in the control room Preparation for system operation from control room.					
1	14465095	Op. ctrl handswitch (C-Room)  Additional handswitch for radiation release and additional control functions.					
1	AX_PR_ICONC MULTI	IconoCeiling w multitilt table promotion  Promotional incentive to be used for configurations including the combination of an ARTIS icono ceilingmounted imaging system in combination with the ARTIS multitilt table. No other Promos can be combined. Must include one or more of the following: POS contract, Book & Bill, Multi-unit purchase.  Required Part Numbers: One of 14465276, 14465279, 14465277, 14465280, 14465278, 14465281, AND 14465045					
1	AXA_RIG_ICON O_SP	Standard Rigging Icono SP					
1	AXA_IRCA_CM_ BD_LV1	Essential Edu Package (AXA)(IRCA)(C/BP)  This Essential Interventional Radiology & Interventional Cardiology education package for celling-mounted and biplane systems includes: - Dedicated Siemens Education Consultant: partnering with your Education Coordinator to create a blended curriculum adapted to your facility's individual needs Blended Learning					

blended curriculum adapted to your facility's individual needs. - Blended Learning Curriculum: a combination of at least two (2) 28-hour onsite trainings, digital (immersive, online & virtual) education, and instructor-led classroom elevated by ASRT accreditation. Designed for your team to maximize their confidence and competence on your system. - On-site Customization: optimizing system hardware, software, workflow and operating safety consistent with the cleared use of the system. - Ongoing Educational Case Support: ability to request onsite case-support for advanced procedures. The education will be delivered in four (4) phases: 1) Preinstallation: Customized Education Plan (CEP) tailored to your sites experience level and case types. Training needs assessed on hardware and software options, system positions, 2D/3D imaging, post-processing techniques and ongoing procedure support. 2) Pre-Go Live: blend of virtual courses & instructor-led classroom training. 3) Go Live: minimum of two (2) weeks of onsite clinical applications sessions, guiding staff members, reinforcing concepts and practices acquired during pre-training. 4) Warranty /Post-Go Live: continuation of the CEP delivery. Ongoing case support on advanced request and subject to availability. Parties will mutually agree on deliverables and scheduling of the requested training. This educational offering must be utilized within 12 months following install end date. If this offering is not completed within the applicable time period, Siemens obligation to provide the training will expire without refund.



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## PRELIMINARY PROPOSAL

	PRELIMINARY PROPOSAL						
Qty 1	Part No. EPW935515UP S	Eaton Powerware 9355 15 kVA UPS Includes UPS, battery, maintenance bypass panel, and one year on-site parts and labor coverage (24x7) by Eaton Powerware. This UPS is recommended when protection and uninterruptible power is required for the Artis' C-arm and table. Emergency fluoroscopy is not available with this UPS. If emergency fluoroscopy is required, the 9390 - 160 kVA UPS is recommended for the full system. One UPS per lab.  Additional seismic brackets are required to make this system OSHPD approved.					
2	GEL1040136601	Black anti-fatigue mat 36x60					

278

Black NewLife EcoPro anti-fatigue mat (36 inches x 60 inches), 3/4 inch polyurethane foam, fluid and dirt resistant with anti-micorbial properties, matte textured surface.

The ultimate employee benefit for workers who stand, are ergonomically designed to provide the perfect balance of premium comfort and optimal support. Proprietary Cellulon®Polyurethane Technology stands up to the tough demands of commercial environments while providing lasting comfort that won't bottom out over time. This eco-friendly line of anti-fatigue mats is certified by the National Floor Safety Institute for its high traction bottom surface.

GING

AXA\_ADDL\_RIG Additional Rigging AXA

System Total

\$ 1,050,576



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#### PRELIMINARY PROPOSAL

OPTIONS on Quote Nr: CPQ-949405 Rev. 0

## **OPTIONS for ARTIS icono ceiling Cardiology**

All items listed below are OPTIONS and will be included on this system ONLY if initialed: (See Detailed Technical Specifications at end of Proposal.)

Part No. Qty

1

Item Description

**Extended Price** 

BART700PEDL

**Optional parts** Mark 7 Arterion, Pedestal System

+ \$ 29,016

The Arterion Mark 7 Pedestal contrast medium injector can be positioned anywhere at the patient positioning table on a mobile unit, for direct operation of all functions in the examination room.

The injector system includes:

A mobile pedestal stand with electronics unit, a contrast medium heater and a connection cable to the manual release.

A support arm with injector head and a control lever for moving the injector head. A user control console with large touch screen and corresponding additional monitoring display on the injector head.

**Functions** 

Pressure limitation:

for 150 ml syringes 689 to 8273 kPa, corresponds to 100 to 1200 psi. .

Flow rates for 150 ml syringes: 0.1 to 45 ml/s in increments of 0.1 ml/s 0.1 to 59.9 ml/min in increments of 0.1 ml/min rise/fall: 0 to 9,9 s in increments of 0.1 seconds

Release delay for injection or radiation: 0 to 99.9 s in increments of 0.1 s.

Adjustable volume for 150 ml syringes: 1 ml to the max, syringe capacity in increments of 1 ml.

Fill rate:

Variable syringe filling speed 1-20ml/s.

Injection protocols:

Up to 40 injection protocols possible.

Parameters currently displayed on the touch screen display and on the head display:

Injection speed Injection volume Remaining volume Injection duration Applied pressure

Contrast medium heating: Nominal 35°C (95°F)+-5°C (9°F)

Injection data memory Up to 50 injection data items stored

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#### PRELIMINARY PROPOSAL

Included in the scope of delivery Injector standard configuration 150 ml SIEMENS interface cable Operator Manual Service manual (English).

Power supply 200 V to 250 V; 50/60 Hz.

BINSART700P 1

Arterion Pedestal Install

+ \$ 1,606

#### **Optional parts**

14465038 1

## syngo Valve Guide Engine

Application software for reconstruction, post-processing and handling of 3D information including specific applications to support valve implantation or replacement procedures like TAVI/TAVR.

The package includes the following functionalities:

- 3D high-contrast and CT-like soft-tissue imaging (syngo DynaCT and syngo DynaCT Cardiac untriggered)
- syngo DynaCT Cardiac uses proven algorithms to perform 3D-reconstruction of ventricles and vessels of the heart from projection images of a rotational angiography.
- syngo DynaCT Cardiac uses proven algorithms to perform 3D-reconstruction of ventricles and vessels of the heart from projection images of a rotational angiography
- 3D roadmap for dynamic overlay of planning data and 3D volumes on live fluoroscopy workflow support for valve implantation or replacement - In-room control for table-side operation of advanced applications
- 3D Wizard for expert step-by-step guidance in 3D acquisition
- Parallel patient processing capabilities
- Fusion functionality for integration of pre-interventional 3D datasets also from other modalities into the Angio-room
- Marking of points or lines on the 3D geometry or MPRs and overlay of these markings on live fluoroscopy.

14465134

#### syngo Embolization Guidance

syngo Embolization Guidance is an application for planning and performing embolizations.

By manually marking a proximal start- and one or multiple distal target vessel point(s) in a syngo DynaCT, CTA or MRA dataset, the algorithm determines the course of the vessel (tree) that connects the start with the target point(s). Functionality for tumor segmentation with automatic tumor volume computation is available in addition.

Segmented structures can be overlaid with live 2D imaging for guidance during the procedure.

In combination with synge DynaCT ( ≥200° acquisition) or CT dataset with intra-arterial injection, the easy one-click syngo Embolization Guidance application automatically detects and highlights tumor-feeding vessels for targeted embolization of the liver - supporting complete

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+ \$ 7,029

23

+ \$ 77,683



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#### PRELIMINARY PROPOSAL

tumor embolization, which is important for an effective and safe treatment.

14455928 1

VOLCANO Cable Set plus

+ \$ 7,657

Cable set for operating the Volcano s5i ultrasound system incl. s5iz and s5iu (CORE-System). It contains all cables for connecting the components at the patient table to the s5i imaging system in the control room. This cable set will already be integrated into the Artis table in the factory.

With this item, a display is delivered additionally for the examination room if an Artis Large Display was not ordered. If an Artis Large Display or Panoramic Display is ordered, the configuration includes a connection kit instead of the 19"

display.

Also with this item comes the

Accessory spacer rail (Kenex Electro-Medical LTD.)

This is an accessory rail for attachment of tableside rail equipment (for use with an

extended lateral moving tabletop).

This accessory allows tableside mounted equipment, to be used on a table featuring extended lateral tabletop movement. Rall accessories which would strike

the table pedestal, are positioned outside of this movement range.

14465097

+ \$ 7,535

Analysis of the left ventricular function of the heart. With ARTIS icono SW version VE21 and higher LVA is available as the optional feature "QuantWeb LVA". QuantWeb LVA is part of syngo application software and can be deployed on the

imaging system.



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#### PRELIMINARY PROPOSAL

**FINANCING:** The equipment listed above may be financed through one of our financing partners. Ask us about our full range of financial products that can be tailored to meet your business and cash flow requirements. For further information, please contact your local Sales Representative.

Siemens Healthineers is pleased to submit this Preliminary Pricing Proposal. A Preliminary Pricing Proposal is provided for planning purposes only; it is not contractually binding. To receive a contractually binding proposal for the Products listed above, inclusive of Terms, Conditions, and Warranty coverage, please contact your Siemens Healthineers Sales Representative.

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# Divider III Service Specific Criteria and Standards

# Divider III Service Specific Criteria and Standards - St. Mary's Hospital Cath Lab Replacement 2025

## 1. Describe the financial rationale for the proposed replacement equipment?

Through June 2024, SMSL Cardiac Cath Lab has improved the MBO/Case to \$2,852 from \$963 in 2023. Cardiac EP and Cardiac Surgery have nearly doubled in MBO/Case to \$7,829 and \$7,526 respectively. Through October 2024, volumes for the month were a 20% unfavorable variance relating to the attrition of 2 proceduralists and a gap in locums or replacement support. 2024 YTD volumes are 24 procedures favorable to budget, however, because of the lack of interventional proceduralists, SMSL anticipates ending the year slightly below plan. For 2025, Cath Lab cases are planned at the rolling 12 months or 1218 OP visits, with anticipated increases once providers are recruited. We have currently hired a new EP interventionalist starting January 2025.

## 2. Document if the existing equipment has exceeded its useful life.

Yes, the Cath lab has been identified as end of life and end of service by Phillips effective 12/31/20216. Parts will no longer be available to fix any potential equipment malfunction from the lab.

## 3. Describe the effect the replacement unit would have on quality of care.

As SMSL continue to see growth in outpatient and overall procedural volume in the IR and CCL department, and with the service leveling expectations for structural heart and ep cases across the region, SMSL must have the ability to support access for elective and "community" level cardiac procedures across the academic platform. Replacing CCL B with an Artis ICONO ceiling mounted device will provide capabilities for both IR and CCL including right and left side heart ablations, implants, IR, and vascular procedures.

## 4. Document if the existing equipment is in constant need of repair.

Install date: 11/29/2007

Age: 16

Downtime hours by year: 782 total

ARR score: 4.405

It is unsafe to use this Cath lab room for procedures. We are no longer able to use this equipment.

## 5. Document if the lease on the current unit has expired.

N/A - old unit was a capital purchase

## 6. Describe the technological advances provided by the new unit.

Significantly improved image quality leading to decreases in both radiation doses and IV contrast use during procedures: more automated movements decrease potential injuries to staff and provider satisfaction and confidence in diagnosis, lessoning error rates.

## 7. Describe how patient satisfaction would be improved.

Lower risk of kidney injury or injuries from high radiation doses

## 8. Describe how patient outcomes would be improved.

Decreased volume of kidney injuries; improved image quality can provide better diagnostic data allowing for better decision-making for treatment plans, type of intervention needed, better sizing of equipment for patient anatomy.

- 9. Describe what impact the new unit would have on utilization.
  - Better imaging and more automation can improve efficiency, decrease the number of images needed, and decrease case length leading to improvements in both provider and patient satisfaction.
- 10. Describe any new capabilities that the new unit would provide.

EP capabilities including right and left sided heart ablations

11. By what percent will this replacement increase patient charges?

There are no net new codes or services that can be realized via this equipment over prior equipment. SSM does not plan to add any overhead/additional charges due to the replacement of the unit. That said, with the new technology we should gain efficiencies to allow for additional procedures in a day potential leading to incremental growth of patient charges.

# Divider IV Financial Feasibility Review Criteria and Standards

Divider IV Financial Feasibility Review, Criteria, and Standards - St. Mary's Hospital Cath Lab Replacement 2025

- Document that sufficient financing is available by providing a letter from a financial institution or an auditor's statement indicating that sufficient funds are available.
   See Page 37-91.
- Provide Service-Specific Revenues and Expenses (Form MO 580-1865) projected through three (3) FULL years beyond project completion.
   See page 92
- 3. Document how patient charges are derived.

## SM HEALTH PRICING POLICY

Policy:	Hospital Pricing Policy
Approved By:	
Version History:	V1 September 2022; V2 August 2024

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Hospital-based Procedure Pricing:  Supplies & Implants	3
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Pass Through Pricing Policy:  Lab Pricing:	4
	4 - 4 - 4 - 4 - 4 - 7 - 4 - 1 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4
Pharmacy Pricing: Organ and Stem Cell Procurement:	- La -lude not dofined
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All SSM-Hospital Entitles	Error! Bookmark not defined

#### Scope:

All SSM-Hospital entities

#### PURPOSE:

The purpose of this policy is to provide guidance for initiating and maintaining appropriate patient charge pricing (rates/fees) for all SSM Health Hospitals. This applies for new charge requests throughout the year and annual price review for all hospital inpatient and outpatient pricing. SSM Health will maintain a uniform price schedule for all patients regardless of payor. This policy applies for all SSM-Hospital entities for the establishment and maintenance of patient charges for the following service categories:

- Room and bed
- Non-implant supplies
- Implants and pacemakers
- Lab
- Pharmacy drugs
- All other hospital-based procedures

## STRATEGIC PRICING REVIEW PROCESS:

The Strategic Pricing Team conducts an Annual Rate Review of each hospital-billing facility's fee schedules for services, supplies, procedures, and room and bed charges taking into consideration the following:

- Market data (prices charged by regional competitors, including type of hospital)
- Cost to provide the service (including specific costs where available)
- Medicare and Medicaid fee schedules
- Managed care fee schedules and contract limitations
- Pricing at other SSM-facilities (if applicable)

Regional and/or SSM-entity Finance leadership teams will be presented proposed price summary data for approval.

Mid-year CPT/HCPCS code additions and modifications will follow a similar process as the Annual Rate Review, putting emphasis on the available local market comparison data and in coordination with contracted fee schedules to maximize reimbursement.

It is the policy of SSM Health to consistently follow the standardized process to review charge pricing within 48 hours of time of request and move the change to production in the most efficient manner

## PRICING METHODOLOGY

SSM Health will employ a market-based hospital pricing strategy to align and remain competitive with Hospital IP & OP services. Ancillary Procedures (Technical/Facility Component) charges will be computed using the local peer competitor price data when available. The Medicare OPPS APC Wage Index Adjusted Payment Rate will be used as a benchmark comparison when available. The Contracting Analytics team will provide input for charges affected by payor contract fee schedules.

#### PRICING CATEGORIES:

- 1. Hospital-based procedure charges are primarily derived from local peer competitor data and the Medicare OPPS APC wage adjusted rate found at www.CMS.gov; other considerations mentioned above will be reviewed when necessary.
- 2. Supply and implant charges are established and maintained using a cost-plus mark-up formula specific to each hospital-billing facility; any charges on a specific fee schedule may not retain the cost-plus mark-up initial relationship.
- 3. Lab charges are categorized as either "in-house" or "reference lab" (sent out to an established reference laboratory);
  - a. Lab charges are calculated in coordination with the Strategic Pricing team and Managed Care Contracting Analytics. In-house test costs are computed by the Lab Director/Manager, then appropriate markups are applied. Mark-up percentage may vary by region and/or facility.
- 4. Pharmacy charges are established and maintained using a percentage of Average Wholesale Price (AWP); the mark-up percentage this may vary by region and/or facility.

## HOSPITAL-BASED PROCEDURE PRICING:

Competitor market data including specific local peer charges will be utilized as the primary source for arriving at prices (sourced from the SSM-Enterprise current peer comparison tool)

#### **AUDIT PROCESS**

Pricing history records must meet the external auditor requirements and will be readily available in an SSM-enterprise tool.

## EMERGENCY DEPARTMENT

All Emergency Department charges, for all SSM entities, are computed as a factor of the existing Inpatient charge.

#### **MODIFIERS:**

- Modifier 50 is defined as a bilateral procedure performed on both sides of the body. Bilateral Procedures ('unilateral' or 'bilateral' are part of the procedure description):
  - o Unilateral codes will be priced according to the Hospital Outpatient (Ancillary) pricing policy stated above.
  - Bilateral codes will be priced at a factor of the current code.

## SUPPLIES & IMPLANTS

- Identified as items with UB Revenue Code 27x.
- Supply and implant charges are established and maintained using a cost-plus mark-up formula; any charges on a specific fee schedule may not retain the cost-plus mark-up initial relationship.

 Pricing for new implants and devices will take into consideration possible managed care contract stipulations.

#### PASS THROUGH PRICING POLICY:

This policy includes devices, implants, drugs, biologicals, and radiopharmaceutical agents identified as status indicators G and/or H in addendum B as published in the final rule of OPPS in the Federal Register.

- A special formula is used for devices/implants/drugs/biologicals and radiopharmaceuticals
  that appear on CMS addendum B with status indicator H in the Federal register and must be
  monitored quarterly for updates. If the item is removed from the listing, the charge must be
  adjusted accordingly. Please review Addendum B on the CMS website for the current list of
  device category codes.
- Where multiple hospitals share the same fee schedule, SSM takes an average of the cost-tocharge ratios to use in the computation.

#### LAB PRICING:

Lab test commercial prices are computed using a combination of payor contracted reimbursement levels, a markup based on cost, and a percentage of Medicare.

#### PHARMACY PRICING:

Hospital-based pharmacy services are priced through the Epic Willow application and are not part of this policy.

#### ORGAN AND STEM CELL PROCUREMENT:

Pricing of solid Organs is determined by the transplant department management using previous year transplant data. Charges will incorporate administrative costs incurred including, but not limited to transportation (flight) and surgeon fees. The organ acquisition codes are charged separately and in addition to the procedure to transplant or infuse them. Charges may vary based on whether it is from a living doner or cadaver. Physician procurement may also be added.

The Stem Cell program is based on donations and pricing of this process is determined by the Bone Marrow Transplant (BMT) Management team.

4. Document responsiveness to the needs of the indigent.

að'	YEAR-TO-DATE							
<b>%</b> i	Actual		Budget		Variance	Prior Year		<u>Varlance</u>
<u>SM-SL</u> Gross Revenue	1,344,500,933		1,324,079,976		20,420,957	1,281,644,138		62,856,79
Bad Debt Charity Self Pay Discount Total Uncompensated Care	3,013,180 23,962,810 26,975,990 14,832,147 41,808,137	0.2% 1.8%_ 1.1%_	22,381,846 9,428,020 31,809,866 10,107,649 41,917,514	1.7% 0.7% 	19,368,666 (14,534,791) 4,833,876 (4,724,498) 109,377	19,794,390 9,863,690 29,658,080 14,188,565 43,846,645	1.5% 0.8% 1.1%_	16,781,21 (14,099,12 2,682,09 (643,58 2,038,50
Bad Debt & Charity as % of Gross	2.0%		2.4%		0.4%	2.3%		-0.
Bad Debt, Charity & Self-Pay as % of Gross \$ Variance based on %	3.1%		3.2%		0.1% 755,861	3.4%		0. 3,993,0

#### Financial Assistance

SSM Health is committed to providing financial assistance to people who are without insurance, underinsured, ineligible for a government program, or otherwise unable to pay for medically necessary care. SSM Health will provide care of emergency medical conditions to individuals regardless of their ability to pay.

Our hospital based Financial Counselors or our Customer Service Team is happy to assist you in finding the option that is right for you. Our Customer Service Team can be reached Monday through Thursday, 8 am to 7 pm and Friday from 8 am to 5 pm CST. Please call:

- SSM Health Hospital bill <u>888-918-3512</u>
- SSM Health Medical Group bill 888-918-3540



## Hospital Financial Assistance

We are committed to providing financial assistance to people who are unable to pay for medically necessary care.

Hospital & Medical Group Billing



Medical Group Financial Assistance

Learn about the resources provided by our medical groups to support those in need.

When you receive medical care, you also receive a lot of paperwork about your care. Hospital and physician billing can be confusing. Find customer service contact information and frequently asked questions below about both SSM Health hospital bills and SSM Health Medical Group bills.

### For all SSM Health hospitals:

- Call customer service at <u>888-918-3512</u>
- Email us at <u>billingquestions@ssmhealth.com</u>

## For all SSM Health Medical Group locations:

- Call customer service at <u>888-918-3540</u>
- Email us at billingquestionsPB@ssmhealth.com

## SSM Health

Consolidated Financial Statements as of and for the Years Ended December 31, 2023 and 2022 and Independent Auditor's Report

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## **Deloitte**

Deloitte & Touche LLP 100 S 4th St Suite 300 St. Louis, MO 63102

Tel: (314) 342-4900 www.deloitte.com

## INDEPENDENT AUDITOR'S REPORT

To the Board of Directors of SSM Health Care Corporation St. Louis, Missouri

#### Opinion

We have audited the consolidated financial statements of SSM Health Care Corporation and subsidiaries (doing business as SSM Health) (SSMH), which comprise the consolidated balance sheets as of December 31, 2023 and 2022, and the related consolidated statements of operations and changes in net assets and cash flows for the years then ended, and the related notes to the consolidated financial statements (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of SSMH as of December 31, 2023 and 2022, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

#### **Basis for Opinion**

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of SSMH and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about SSMH's ability to continue as a going concern for one year after the date that the financial statements are issued.

## Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement

resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

Deloitte & Sinche ur

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to
  fraud or error, and design and perform audit procedures responsive to those risks. Such procedures
  include examining, on a test basis, evidence regarding the amounts and disclosures in the financial
  statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures
  that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the
  effectiveness of SSMH's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about SSMH's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

March 20, 2024

# CONSOLIDATED BALANCE SHEETS AS OF DECEMBER 31, 2023 AND 2022 (In thousands)

(in thousands)		
	2023	2022
ASSETS		
CURRENT ASSETS: Cash and cash equivalents Investments Current portion of assets limited as to use or restricted Patient accounts receivable Pharmacy claims and rebates receivable Other receivables Inventories, prepaid expenses, and other Estimated third-party payor settlements Assets held for sale	\$ 640,816 20,479 519,413 934,411 1,196,998 125,745 269,311 75,288 25,650	\$ 574,339 112,203 454,838 976,730 900,547 151,393 274,458 7,812
Total current assets	3,808,111	3,452,320
ASSETS LIMITED AS TO USE OR RESTRICTED—Excluding current portion	3,499,206	3,232,722
PROPERTY AND EQUIPMENT—Net	2,841,331	2,860,691
OPERATING RIGHT-OF-USE ASSETS	221,142	194,735
OTHER ASSETS: Goodwill Intangible assets—net Investments in unconsolidated entities Other  Total other assets	528,949 328,907 328,563 53,482 1,239,901	289,661 179,751 383,567 35,557 888,536
TOTAL	<u>\$ 11,609,691</u>	<u>\$ 10,629,004</u>
		(Continued)

### CONSOLIDATED BALANCE SHEETS AS OF DECEMBER 31, 2023 AND 2022 (In thousands)

(In thousands)		
	2023	2022
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES: Revolving line of credit Current portion of long-term debt and finance lease obligations Accounts payable and accrued expenses Short-term borrowings Deferred revenue Estimated third-party payor settlements Other current liabilities	\$ 97,410 57,931 3,043,994 665,180 24,385 108,969 234,822	\$ - 602,034 2,529,080 443,580 19,961 126,390 255,404
Total current liabilities	4,232,691	3,976,449
LONG-TERM DEBT—Excluding current portion	1,590,813	1,354,142
ESTIMATED SELF-INSURANCE OBLIGATIONS	119,012	117,239
OPERATING LEASE OBLIGATIONS—Excluding current portion	201,018	164,641
FINANCE LEASE OBLIGATIONS—Excluding current portion	16,006	14,640
PENSION LIABILITY	173,536	173,266
OTHER LIABILITIES	405,793	324,640
Total liabilities	6,738,869	6,125,017
NET ASSETS: Without donor restrictions: SSM Health net assets without donor restrictions Noncontrolling interest in subsidiaries	4,497,191 185,488	4,286,657 74,297
Total net assets without donor restrictions	4,682,679	4,360,954
With donor restrictions	188,143	143,033
Total net assets	4,870,822	4,503,987
TOTAL	\$ 11,609 <b>,</b> 691	\$ 10,629,004
See notes to consolidated financial statements.		(Concluded)

# CONSOLIDATED STATEMENTS OF OPERATIONS AND CHANGES IN NET ASSETS FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022

(In thousands)

(In thousands)		
	2023	2022
OPERATING REVENUES AND OTHER SUPPORT: Net patient service revenues Capitation revenues Pharmacy benefit manager revenue Investment income (loss) Income from unconsolidated entities—net Other revenue Net assets released from restrictions Total operating revenues and other support	\$ 6,435,624 1,287,760 1,716,343 59,760 139,039 881,156 16,548	\$ 6,054,963 1,187,447 1,452,577 (69,547) 13,822 659,163 8,796 9,307,221
OPERATING EXPENSES: Salaries and benefits Medical claims Supplies Pharmacy benefit manager supplies Professional fees and other Interest Depreciation and amortization	4,485,653 624,843 1,670,978 1,464,877 1,946,655 80,670 288,949	4,081,423 520,249 1,465,798 1,222,826 1,876,904 80,284 308,641 9,556,125
Total operating expenses LOSS FROM OPERATIONS BEFORE OTHER ITEMS	(26,395)	(248,904)
OTHER ITEMS: Long-lived asset impairment OPERATING LOSS AFTER OTHER ITEMS	(33,096) (59,491)	(248,904)
NONOPERATING GAINS AND (LOSSES): Investment income (loss) Loss from early extinguishment of debt Net periodic pension income (cost) Change in fair value of interest rate swaps Other—net	321,583 24,645 25,646 (20,257)	(375,041) (2,075) (3,454) 165,200 266
Total nonoperating gains (losses)—net	351,617	(215,104)
EXCESS (DEFICIT) OF REVENUES OVER EXPENSES	292,126	(464,008)
EXCESS OF REVENUES OVER EXPENSES ATTRIBUTABLE TO NONCONTROLLING INTEREST	39,511	612
EXCESS (DEFICIT) OF REVENUES OVER EXPENSES—Net of noncontrolling interest	\$ 252,615	\$ (464,620) (Continued)

## CONSOLIDATED STATEMENTS OF OPERATIONS AND CHANGES IN NET ASSETS FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022 (in thousands)

(III tilousalius)			
		2023	2022
NET ASSETS WITHOUT DONOR RESTRICTIONS:  SSM Health net assets without donor restrictions:  Excess (Deficit) of revenues over expenses  Pension-related changes other than net periodic pension cost  Net assets released from restrictions for property acquisitions  Purchase of interest in subsidiaries  Other—net	\$	252,615 (54,783) 3,536 - 9,166	\$ (464,620) 323,592 113 (35,754) (6,470)
Increase (Decrease) in SSM Health net assets without donor restrictions		210,534	(183,139)
Noncontrolling interest in subsidiaries net assets without donor restrictions: Excess of revenues over expenses Distributions to noncontrolling owners Purchase of noncontrolling interest in subsidiary  Increase (Decrease) in noncontrolling interest in subsidiaries net assets without donor restrictions		39,511 (13,425) 85,105 111,191	612 (5,689) (132,295) (137,372)
NET ASSETS WITH DONOR RESTRICTIONS: Contributions for charity care, property acquisitions, and other programs Gains (Losses) on investments—net		55,576 9,628	27,087 (9,880)
Net assets with donor restrictions released from restrictions		(16,551)	(8,573)
Net assets with donor restrictions released from restrictions for property acquisitions Other—net	_	(3,536) <u>(7</u> )	(113) 2,243
Increase in net assets with donor restrictions	_	45,110	10,764
CHANGE IN NET ASSETS		366,835	(309,747)
NET ASSETS—Beginning of year	-	4,503,987	4,813,734
NET ASSETS—End of year	2	<u>4,870,822</u>	<u>\$ 4,503,987</u>
See notes to consolidated financial statements.			(Concluded)

## CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022 (In thousands)

	2023	2022
CASH FLOWS FROM OPERATING ACTIVITIES:  Change in net assets  Adjustments to reconcile change in net assets to net cash	\$ 366,835	\$ (309,747)
provided by operating activities: Pension-related changes other than net periodic pension cost Depreciation and amortization Loss on early extinguishment of debt Loss on impairment Amortization of debt premium Contributions for long-term investment Distributions to noncontrolling owners—net (Gains) losses on investments—net Income from unconsolidated entities—net Change in fair value of interest rate swaps Loss on disposal of assets Inherent contributions related to acquisition Distributions from unconsolidated entities Payments for acquisition of noncontrolling interest in subsidiary Purchase of noncontrolling interest in subsidiary Medicare advanced payments under CARES Act Changes in assets and liabilities: Investments Patient accounts receivable Pharmacy claims and rebates receivable Other receivables, inventories, prepaid expenses, and other Operating right-of-use assets Accounts payable, accrued expenses, and other liabilities Other changes to pension liability Operating lease obligations Estimated self-insurance obligations	54,783 288,949 - 33,096 (3,783) (902) 13,425 (308,277) (139,039) (25,646) 1,921 - 24,315 - (85,270) - 90,485 42,319 (237,936) 83,107 45,752 530,076 (56,231) (46,911) 4,412	(323,592) 308,641 2,075 (19,501) (9,143) 5,689 528,794 (13,823) (165,200) 9,810 (16,162) 17,766 164,100 (302,359) 4,774 (119,217) (341,838) 115,486 50,423 391,374 (50,910) (51,686) 8,256
Net cash provided by (used in) operating activities	675,480	(115,990)
7		(Continued)

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# CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022 (In thousands)

	2023	2022
CASH FLOWS FROM INVESTING ACTIVITIES: Purchase of property and equipment	\$ (280,090)	\$ (309,103)
Proceeds from disposal of property and equipment and sales of	570	7,096
other assets Purchase of assets limited as to use or restricted and short-term investments	(3,074,105)	(2,712,400)
Proceeds from sales of assets limited as to use or restricted and	2,893,312	3,290,515
short-term investments	(3,775)	(10,480)
Contributions to unconsolidated entities	(117,290)	(143,855)
Acquisitions, net of cash acquired Purchases of other assets	(26,569)	(28,389)
Net cash (used in) provided by investing activities	(607,947)	93,384
CASH FLOWS FROM FINANCING ACTIVITIES:	-	(164,100)
Payments for acquisition of noncontrolling interest in subsidiary	389,760	354,654
Proceeds from issuance of long-term dept	(690,169)	(294,525)
Payments on long-term debt	902	9,143
Contributions for long-term investment	(13,425)	(5,689)
Distributions to noncontrolling owners—net	(3,626)	(1,194)
Debt issuance costs	5,871	11,204
Proceeds from patient loans	(9,379)	(13,175)
Payments on patient loans	224,600	167,277
Proceeds from short-term borrowings	(3,000)	(171,322)
Payments on short-term borrowings	97,410	-
Proceeds from revolving line of credit		(60,000)
Payments on revolving line of credit		
Net cash used in financing activities	(1,056)	(167,727)
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	66,477	(190,333)
CASH AND CASH EQUIVALENTS—Beginning of year	574,339	764,672
CASH AND CASH EQUIVALENTS—End of year	\$ 640,816	\$ 574,339
See notes to consolidated financial statements.		(Concluded)

# NOTES TO CONSOLIDATED FINANCIAL STATEMENTS AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022 (Dollars in thousands)

#### 1. ORGANIZATION

SSM Health (SSMH) is a centrally managed, fully integrated health care delivery system with its headquarters based in St. Louis, Missouri. SSM Health Care Corporation (SSMHCC) (doing business as SSMH) is the principal not-for-profit corporation and has been established as the parent corporation. SSMH owns and operates 22 adult hospitals, one pediatric hospital, thirteen post-acute care facilities, a national pharmacy benefit management company (PBM), an extensive network of physician practice operations, and other health care businesses. SSMH's hospital operations are located primarily in Missouri, Wisconsin, Oklahoma and Illinois, and its related businesses provide health related services in 50 states. SSMH's mission statement is as follows:

Through our exceptional health care services, we reveal the healing presence of God.

SSMHCC and most of its affiliated subsidiary corporations have been granted exemption from federal income tax as charitable organizations under Section 501(c)(3) of the Internal Revenue Code (IRC). Certain subsidiaries of SSMH are for-profit entities that are taxable under the IRC.

SSMH is sponsored by SSM Health Ministries, an independent ten-member body composed of two Franciscan Sisters of Mary, one Sister of St. Agnes, one Jesuit priest, one Franciscan priest, and five lay persons who collectively hold certain reserved powers over SSMH.

## 2. SSMH SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

**Principles of Consolidation**—The accompanying consolidated financial statements include the accounts of SSMH and its subsidiaries. Intercompany accounts and transactions are eliminated in consolidation.

**Use of Estimates**—The preparation of financial statements in conformity with accounting principles generally accepted in the United States (GAAP), requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Cash and Cash Equivalents—Cash and cash equivalents consist primarily of cash and liquid marketable securities with an original maturity of three months or less and carrying amounts approximate their fair value.

Inventories—Inventories, primarily consisting of supplies and pharmaceuticals, are stated at the lower of cost or net realizable value, determined principally using the first-in, first-out method. SSMH held inventories in the amount of \$177,094 and \$166,366 at December 31, 2023 and 2022, respectively. These amounts are included in inventories, prepaid expenses, and other on the consolidated balance sheets.

**Investments**—Investments with original maturities at time of purchase of greater than three months are measured at fair value.

**Financial Instruments**—Management's estimates of the fair value of financial instruments are described elsewhere (See Note 8—Fair Value Measurements for additional information). Due to the volatility of the U.S. economy and the financial markets, there is uncertainty regarding the long-term impact that market conditions will have on SSMH's investment portfolio.

Assets Held for Sale—SSMH classifies certain assets as assets held for sale in the consolidated balance sheets when the assets have met applicable criteria for this classification (See Note 12—Ministry Activities for additional information).

Assets Limited as to Use or Restricted—Assets limited as to use include investments and other assets set aside by the Board of Directors or management at their discretion for future long-term purposes, including capital improvements, medical insurance claims or for other purposes, and assets held in trust under bond indentures and self-insurance agreements. Assets restricted as to use include investments and other assets whose use is restricted by donors. Additionally, under the terms of the indentures for various bond issues, funds held by trustees have been established and legally designated for debt service.

Securities Lending Program—SSMH participates in securities lending transactions with its custodian whereby SSMH lends a portion of its investments to various brokers in exchange for collateral for the securities loaned, usually on a short-term basis. SSMH maintains effective control of the loaned securities through its custodian during the term of the arrangement in that they may be recalled at any time. Collateral received from brokers must equal at least 102% of the market value of the securities on loan, and is subsequently adjusted daily for market fluctuations. SSMH must return to the borrower the value of collateral received regardless of the impact of market fluctuations. All collateral is in the form of United States Treasury securities, which can be re-invested in a pool maintained by the custodian. Under the terms of the agreement, the borrower must return the same, or substantially the same, investments that were borrowed.

The securities on loan under this program are recorded within assets limited as to use (See Note 7— Assets Limited As To Use for additional information). The market value of collateral held for loaned securities is reported as collateral held under a securities lending program and an obligation is recorded in current liabilities for repayment of collateral upon settlement of the lending transaction. The fees received for these transactions are recorded in investment income.

**Centralized Investment Program**—SSMH holds the majority of its investments in a Centralized Investment Program (CIP), which also includes the investments of SSMH's defined benefit plans. The earnings are allocated proportionately according to ownership percentages as defined in CIP agreements.

SSMH has elected the fair value option for financial investments in limited partnerships and limited liability corporations made through its CIP that would otherwise be recorded using the equity method. SSMH made this election to ensure that the accounting treatment of these investments was comparable between categories, regardless of the current organizational structure of the various investments. Interest and dividend income on investments for which the fair value option has been elected is included in either operating or nonoperating investment income depending on various factors as described in SSMH's investment income accounting policy below.

Alternative investments are generally not marketable and many alternative investments have underlying investments that may not have quoted market values. The estimated value of such investments is subject to uncertainty. SSMH's risk is limited to its capital investment in each investment and capital call commitments (See Note 8—Fair Value Measurements for additional information).

**Derivative Instruments**—SSMH's policy seeks to provide sound stewardship of financial resources by effectively managing both the level of outstanding debt and the proportion of variable to fixed rate debt. Accordingly, SSMH periodically enters into derivative arrangements to manage interest rate risk. SSMH may also enter into various exchange-traded and over-the-counter derivative contracts for economic hedging purposes, including futures, options, swaps and forward contracts.

SSMH records derivative instruments as either an asset or liability measured at its fair value (See Note 8—Fair Value Measurements for additional information). The estimated fair value of all derivative instruments has been determined using available market information and valuation methodologies, primarily discounted cash flows. Interest rate swap derivatives are reported in other noncurrent assets or other noncurrent liabilities and investment asset derivatives are disclosed within assets limited as to use or restricted. SSMH does not offset fair value amounts recognized for derivative instruments and fair value amounts recognized for cash collateral posted.

The net change in the fair value of interest rate swap derivatives is recorded as a nonoperating gain or loss. The difference between the actual amount paid and the actual amount received on all interest rate swap derivatives is accrued and recognized as an adjustment to interest expense (See Note 18—Derivative Instruments for additional information).

Investments in Unconsolidated Entities—Investments in unconsolidated entities, other than limited partnerships and limited liability corporations in CIP, are accounted for under the equity method of accounting, as appropriate. If SSMH has at least 20%, but not more than 50%, or has the ability to exercise significant influence over the investee, the investment is accounted for under the equity method, and the income, loss and any gain related to equity method investments are reflected in income from unconsolidated entities—net (See Note 11—Investments in Unconsolidated Entities for additional information).

**Investment Income**—Most investment income is reported as nonoperating gains or losses. Investment income on funds held in trust for self-insurance purposes and funds without donor restrictions held by foundations is included in operating investment income. The cost of investments sold is based on the specific-identification method.

investment income on investments of donor-restricted funds, other than endowments, is included in excess of revenues over expenses unless the income or loss is restricted by donors. Investment income that is restricted by the donor is recorded directly to net assets with donor restrictions, in accordance with the donor-imposed restrictions.

SSMH values commingled funds, hedge funds, certain limited partnership and REIT (Real Estate Investment Trust) interests at net asset value. Limited partnership interests not recorded at net asset value are recorded at fair value as determined by external fund managers based on factors described (See Note 8—Fair Value Measurements for additional information). Gains and losses on these investments are included in nonoperating investment income unless restricted by donors.

Property and Equipment—Property and equipment acquisitions are recorded at cost or, if donated or impaired, at fair value at the date of receipt or impairment. Depreciation expense is determined using the straight-line method over the estimated useful life of the asset: 5 to 25 years for land improvements, 5 to 40 years for buildings, and 3 to 20 years for equipment. The remaining useful lives of assets are reviewed and may be adjusted by management from time to time. Equipment under finance leases is amortized using the straight-line method over the shorter of the lease term or the estimated useful life of the equipment. Such amortization is included in depreciation and amortization expense. Interest costs incurred on borrowed funds during construction periods are capitalized as a component of the asset cost.

SSMH periodically evaluates property and equipment to determine whether assets may have been impaired. Such analyses include comparing the estimates of undiscounted future cash flows to the carrying values of the related assets. (See Note 9—Property and Equipment for additional information).

Leases—SSMH records the rights and obligations arising from lease contracts with durations greater than twelve months on the balance sheet (See Note 16—Leases for additional information). Right-of-use assets and lease liabilities are recognized at commencement date based on the present value of lease payments over the lease term. SSMH uses an estimated incremental borrowing rate, which is derived from information available at the lease commencement date, in determining the present value of lease payments. The discount rate is based on a collateralized basis for similar terms and economic environments.

SSMH's leases typically contain rent escalations over the lease term. These leases are expensed on a straight-line basis over the lease term. Additionally, certain leases contain incentives, such as tenant improvement allowances from landlords and/or rent abatements after taking possession of the leased property. These incentives reduce SSMH's right-of-use asset related to the lease and are amortized through the right-of-use asset as reductions of expense over the lease term.

SSMH accounts for all fixed lease and non-lease components as a single component for certain classes of assets. Therefore, the lease payments used to measure the lease liability for these leases include fixed minimum rentals along with fixed operating costs such as common area maintenance and utilities. Certain lease agreements include payments based on actual common area maintenance expenses and others include rental payments adjusted periodically for inflation. These variable lease payments are recognized in professional fees and other on the consolidated statements of operations and changes in net assets, but are not included in the right-of-use asset or liability balances.

SSMH's leases relate primarily to medical and office spaces. Most office leases have a five to ten-year base period and include renewal options to extend the lease term beyond the initial base period. The renewal options are not included in the measurement of the right-of-use assets and lease liabilities unless SSMH is reasonably certain to exercise the optional renewal periods. SSMH's lease agreements do not contain any material residual value guarantees or material restrictive covenants.

**Goodwill**—Goodwill represents the future economic benefits arising from assets acquired in business combinations that are not individually identified and separately recognized. Goodwill is evaluated for possible impairment at the reporting unit level at least annually or whenever events or changes in circumstances indicate that the carrying amount of such assets may not be recoverable. Fair value of a reporting unit is estimated using a combination of income-based and market-based valuation methodologies. An impairment is recorded if the carrying value of the goodwill exceeds its implied fair value. There were no goodwill impairments identified during 2023 or 2022.

Intangible Assets—Net—Intangible assets include capitalized computer software costs, tradenames, noncompete agreements, and other intangible assets acquired from independent parties. Intangible assets with a definite life are amortized on a straight-line basis, with estimated useful lives ranging from one to 20 years. Amortization of intangible assets is included in depreciation and amortization expense. SSMH reviews the carrying value of its amortizable intangible assets only when impairment indicators are present. SSMH evaluates intangible assets for impairment by comparing the estimates of undiscounted future cash flows to the carrying values of the related assets. Indefinite-lived intangible assets are evaluated for possible impairment at least annually or whenever events or changes in circumstances indicate the asset might be impaired. There were no material intangible asset impairments identified during 2023 or 2022.

Software Costs—Capitalized computer software costs include internally developed software. Costs incurred in developing and installing internal use software are expensed or capitalized depending on whether they are incurred in the preliminary project stage, application development stage, or post implementation stage. Capitalized software costs and related accumulated amortization expenses are included in intangible assets—net on the consolidated balance sheets (See Note 10—Goodwill and Other Intangible Assets for additional information).

**Pension Liability**—Pension liability represents the value of the projected benefit obligation of SSMH's pension plans over the fair value of the plans' assets. The pension plan obligations and plan assets are measured annually as of December 31 (See Note 14—Pension and Other Postretirement Benefit Plans for additional information).

Other Liabilities—Other liabilities include various deferred compensation plans, the fair value of interest rate swaps, and various other noncurrent liabilities.

Net Patient Service Revenues and Patient Accounts Receivable—Net patient service revenues relate to contracts with patients and in most cases involves a third-party payor (e.g. managed care insurance companies, Medicare and Medicaid) in which SSMH's performance obligations are to provide patient care. Net patient service revenues are recorded at expected collectible amounts over the time in which obligations to provide patient care are satisfied. Revenues are accrued to estimate the amount of revenue earned to date for patients who have not been discharged and whose care services are not complete as of the reporting period. Substantially all of SSMH's performance obligations are satisfied within one year.

SSMH determines the transaction price based on gross charges for goods and services provided, reduced by contractual adjustments provided to third-party payors, discounts provided to uninsured and underinsured patients in accordance with SSMH's policies, and implicit price concessions provided to patients. Patients who have health care insurance may also have discounts applied related to their copayment or deductible. SSMH determines its estimates of contractual adjustments and discounts based on contractual agreements, its discount policies, and historical experience using the portfolio approach. SSMH determines its estimate of implicit price concessions based on its historical collection experience with classes of patients using a portfolio approach and records these as a direct reduction to net patient service revenue. Management continually reviews the contractual estimation process to consider and incorporate updates to laws and regulations and frequent changes in managed care and commercial contractual terms resulting from contract negotiations and renewals.

A significant portion of SSMH's revenue is generated under agreements with Medicare and Medicaid. Payments for services covered by Medicare are based on federal regulations specific to the type of service provided. Medicaid pays for most services at prospective rates which are determined by the

regulations of the state in which the beneficiaries reside. Hospital facilities that meet certain requirements receive additional funds in partial payment for the cost of medical education and caring for the indigent. Laws and regulations governing Medicare and Medicaid programs are complex and subject to varying interpretation. As a result, there is at least a reasonable possibility that recorded estimates will change by a material amount.

Included in net patient service revenues are Medicaid supplemental payments which are funded through state financial arrangements commonly referred to as provider taxes. Under provider tax arrangements, states collect taxes from healthcare providers and then use the revenue to pay the providers as a Medicaid expenditure, which allows the states to then claim additional federal matching funds. Current federal law provides for a cap on the maximum allowable provider tax as a percentage of the provider's total revenue. There can be no assurance that federal law will continue to provide matching federal funds on state Medicaid expenditures funded through provider taxes, or that the current caps on provider taxes will not be reduced. SSMH participates in assessment programs in the four states in which it operates. For the year ended December 31, 2023, SSMH recognized \$283,600 in revenue and \$196,960 in expenses relating to these programs. For the year ended December 31, 2022, SSMH recognized \$352,754 in revenue and \$190,898 in expenses relating to these programs.

Further, SSMH has negotiated contracts with certain other third-party payors. Revenues under these contracts are based primarily on payment terms involving predetermined rates per admission, per diem rates, discounted fee-for-service rates, value-based payments and other similar contractual arrangements. SSMH estimates the discounts for contractual allowances at the individual hospital level utilizing billing data on an individual patient basis. On a monthly basis, an estimate is made of the expected reimbursement for patients of managed care plans based on the applicable contract terms. In addition, the contracts SSMH has with commercial payors also provide for retroactive audit and review of claims.

Settlements with third-party payors for retroactive adjustments due to audits, reviews or investigations are considered variable consideration and are included in the determination of the estimated transaction price for providing patient care. SSMH uses the expected value method of calculating estimated revenue, receivables and liabilities as it relates to third-party settlements. These settlements are estimated based on the terms of the payment agreement with the payor, correspondence from the payor and SSMH's historical settlement activity, including an assessment to ensure that it is probable that a significant reversal in the amount of cumulative revenue recognized will not occur when the uncertainty associated with the retroactive adjustment is subsequently resolved. Estimated settlements are adjusted in future periods as adjustments become known (i.e. new information becomes available), or as years are settled or are no longer subject to such audits, reviews, and investigations. In 2023 and 2022, net patient service revenues increased by \$121,778 and \$57,859, respectively, relating to changes in estimates for prior years' settlements from Medicare, Medicaid and other programs.

SSMH also provides services to uninsured patients and offers discounts from standard charges. The discount varies by geographical location, primarily based on the discounts negotiated with the local private third-party payors.

Consistent with SSMH's mission, care is provided to patients regardless of their ability to pay. Therefore, SSMH has determined it will provide implicit price concessions to uninsured patients and patients with other balances (e.g. copays and deductibles). The implicit price concessions included in estimating the transaction price represent the difference between amounts billed to patients and the amounts SSMH expects to collect based on its collection history with those patients.

After all payments, discounts, and reasonable collection efforts have been exhausted, SSMH follows established guidelines for placing certain past-due patient balances with collection agencies, subject to the terms of certain restrictions on collection efforts as determined by SSMH. Accounts placed with collection agencies are written off and excluded from patient accounts receivable.

Estimated Third-Party Payor Receivable and Payable Settlements—SSMH has agreements with payors that provide for payments at amounts different from established charges. These estimated amounts are subject to further adjustments upon review by third-party payors (See Note 21—Commitments and Contingent Liabilities for additional information).

Capitation Revenue—SSMH receives capitation insurance premiums based on the demographic characteristics of covered members in exchange for providing comprehensive medical services for those members. Most of this revenue is from Medica, a health insurance plan provider, which SSMH has a 45% interest in and therefore is a related party. SSMH recorded capitated revenue from Medica on the consolidated statement of operations in the amount of \$1,276,485 and \$1,178,264 for the years ended December 31, 2023 and 2022, respectively.

Pharmacy Benefit Manager Revenue, Pharmacy Claims and Rebates Receivable—Pharmacy product revenue and other revenues are recognized by SSMH's national PBM company, Navitus Health Solutions, LLC (NHS), which provides pharmacy benefit administration services to a variety of clients. Revenue is recognized when the product is shipped.

Pharmacy claims and rebates receivable consist of amounts due from clients for pharmacy and member claims and rebates receivable from pharmaceutical manufacturers. SSMH assumes no risk for payment of the claims and considers these accounts to be fully collectible.

Other Revenue and Other Receivables—Other revenue is recorded at amounts SSMH expects to collect in exchange for providing goods or services not directly associated with patient care and recorded over time in which obligations are satisfied. Other receivables consist primarily of amounts due from retail pharmacies, premium receivables, and accrued interest receivable. Other revenue also includes Public Health and Social Services Emergency Fund (Relief Fund) and Employee Retention Credits (See note 3 — COVID-19 Pandemic and CARES Act Funding).

**Deferred Revenue**—Deferred revenue on the consolidated balance sheets primarily consists of insurance premiums billed and due in advance of a coverage period as well as certain funds received under the federal government's Coronavirus Aid, Relief and Economic Security (CARES) Act.

Medical Claims—Medical claims consist of payments to health care providers and are accrued as of the date of service and reported net of recoveries. Those amounts are \$82,148 and \$85,716 for the years ended December 31, 2023 and 2022, respectively. Recoveries consist mainly of drug company volume discounts, reinsurance, and government program risk-sharing and subsidies.

Changes in estimates of claims costs resulting from an ongoing review process and differences between estimates and payments for claims are recognized in the period in which the change in estimate is identified or payments are made. The liability for unpaid medical claims for medical services purchased, which is included in accounts payable on the consolidated balance sheets, is based on known amounts of reported claims and an estimate of incurred but not reported claims using past experience adjusted for current trends.

**Contributions**—Contributions, including unconditional promises to give, are recognized at their fair value at the time of receipt. Certain contributions have restrictions placed on their use by the donors.

For example, if the gift is restricted to property and equipment purchases, it is recorded initially within net assets with donor restrictions. When the restrictions have been met, these restricted contributions are recorded as net assets released from restrictions for property acquisitions. Contributions for which donors have not stipulated restrictions are reported as other revenue on the consolidated statements of operations and changes in net assets.

Endowment assets include donor-restricted funds that SSMH must hold in perpetuity or for a donorspecified period. SSMH retains in perpetuity the original value of initial and subsequent gift amounts donated to the endowment and any accumulations to the endowment made in accordance with the applicable donor gift instrument. Donor-restricted amounts not retained in perpetuity are classified as net assets with donor restrictions until those amounts are appropriated for expenditure by the SSMH ministry that received the donation. SSMH considers the following factors in making determinations to appropriate or accumulate donor-restricted endowment funds:

- a. State law;
- b. The duration and preservation of the fund;
- c. The purposes of the donor-restricted endowment funds within SSMH's communities;
- d. General economic conditions, including the possible effects of inflation and deflation;
- e. The expected total return from income and the appreciation of investments;
- The investment policies of the ministry; and
- Other resources available to the ministry and its beneficiary, if applicable.

Performance Indicator—The performance indicator is excess of revenues over expenses. Changes in net assets without donor restrictions that are excluded from the performance indicator include: permanent transfers of assets to and from affiliates for other than goods and services; contributions of long-lived assets (including assets acquired using contributions that by donor restriction were to be used for the purpose of acquiring such assets); noncontrolling interests related to acquisitions and changes in ownership while retaining controlling financial interests; distributions to noncontrolling owners; and pension-related changes other than the net periodic pension cost.

Net Assets—Resources are classified for reporting purposes as net assets without donor restrictions and net assets with donor restrictions, according to the absence or existence of donor-imposed restrictions. The Board of Directors has designated, from net assets without donor restrictions, net assets for future use as described (See Note 7—Assets Limited As to Use or Restricted for additional information). Net assets with donor restrictions are those assets, including contributions and accumulated investment returns, whose use has been limited by donors for a specific purpose or time period or are those for which donors require the principal of the gifts to be maintained in perpetuity to provide a permanent source of income.

Noncontrolling Interests—The consolidated financial statements include all assets, liabilities, revenues and expenses of entities, controlled by SSMH and less than 100% owned, and therefore consolidated. Accordingly, SSMH has reflected a noncontrolling interest for the portion of net assets not owned or controlled by SSMH separately on the consolidated balance sheets.

Consolidated Statements of Operations—For the purpose of display, transactions deemed by management to be ongoing, major, or central to the provision of patient care and related services are reported as operating revenues and expenses. Peripheral or incidental transactions are reported as nonoperating gains and losses.

Other Items—Other items includes long-lived asset impairment after an evaluation of certain assets, which were then adjusted to their net realizable value for the year ended December 31, 2023 (See Note 12—Ministry Activities for additional information).

Advertising Costs—SSMH expenses advertising costs as they are incurred. Advertising expenses were \$19,320 and \$17,552 for the years ended December 31, 2023 and 2022, respectively, and are included in professional fees and other on the consolidated statements of operations and changes in net assets.

Income Taxes—SSMH is generally not subject to federal or state income taxes. However, SSMH is subject to income taxes on net income derived from a trade or business, regularly carried on, which does not further the organization's exempt purpose. For the years ended December 31, 2023 and 2022, management has determined that no significant income tax provisions are required and as such none have been recorded in the consolidated financial statements.

SSMH's for-profit subsidiaries recognize deferred tax assets and liabilities for temporary differences between the financial reporting basis and the tax basis of their assets and liabilities along with net operating losses that meet the more likely than not recognition criteria. Changes in recognition or measurement are reflected in the period in which the change in judgment occurs. Penalties and interest incurred on income tax liabilities, if any, are included in nonoperating gains and (losses) other—net on the consolidated statements of operations and changes in net assets.

A tax benefit from an uncertain tax position may be recognized when it is more likely than not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, based on the technical merits. SSMH did not record uncertain tax positions in 2023 or 2022.

Non-Cash Transactions—During the years ended December 31, 2023 and 2022, SSMH had the following non-cash transactions:

	2023	2022
Decrease in securities lending program	\$20,223	\$80,598
Property and equipment purchases financed through	13,947	9,780
Operating right-of-use assets obtained in exchange for new operating lease obligations Finance leases additions Notes payable acquired in purchase accounting	78,067 1,751 -	45,536 - 68,108

## COVID-19 PANDEMIC AND CARES ACT FUNDING

On March 11, 2020, the World Health Organization designated COVID-19 as a global pandemic which impacted SSMH'S patients, communities and employees. Federal, state, and local governments issued emergency declarations that resulted in a substantial portion of the population remaining at home. On March 18, 2020, CMS released guidance that all elective surgeries and non-essential medical procedures be delayed during the COVID-19 pandemic, with many states issuing temporary bans on providing these services, including states where SSMH operates.

In response to COVID-19 and its economic impact, the federal government's Coronavirus Aid, Relief, and Economic Security (CARES) Act was signed into law on March 27, 2020. The CARES Act authorized funding to healthcare providers to be distributed through the Public Health and Social Services Emergency Fund (Relief Fund). Payments in the form of grants from the Relief Fund were to be used to

reimburse the recipient for health care related expenses or lost revenues attributable to COVID-19. These grants are not required to be repaid, provided the recipients attest to and comply with the terms and conditions.

For the years ended December 31, 2023 and 2022, \$36,952 and \$65,439, respectively, Relief Funds have been included in Other revenue on the consolidated statements of operations and changes in net assets. Management will continue to monitor the terms and conditions of the Relief Fund and the impact of COVID-19 on SSMH's revenues and expenses. These funds are not required to be repaid upon attestation and compliance with certain terms and conditions.

The CARES Act permitted employers to defer payment of the 6.2% employer Social Security tax beginning March 27, 2020 through December 31, 2020. Deferred tax amounts were required to be paid in equal amounts over two years, with payments due December 2021 and December 2022. At December 31, 2022 all deferred tax amounts had been repaid.

For the years ended December 31, 2023 and 2022, \$49,943 and \$39,521, respectively, has been recorded of Employee Retention Credit (ERC) revenue. These payroll tax credits relate to qualified wages and are recorded in Other revenue on the consolidated statements of operations and changes in net assets.

#### 4. COMMUNITY BENEFIT MINISTRY

In line with its mission, SSMH provides health care services to patients without regard to their ability to pay for those services. For some of its patient services, SSMH receives no payment or payment that is less than the full cost of providing the care.

SSMH voluntarily provides free or discounted care to patients who are unable to pay for all or part of their health care expenses as determined by SSMH's criteria for financial assistance. Because SSMH does not pursue the collection of amounts determined to qualify as charity care, they are not reported as patient service revenues.

SSMH also commits significant time and resources to activities and critical services that address unmet community needs. Many of these activities are sponsored with the knowledge that they will not be self-supporting or financially viable. The following summary has been prepared in accordance with Internal Revenue Service Form 990, Schedule H and the Catholic Health Association of the United States' publication, A Guide for Planning & Reporting Community Benefit, 2015 Edition.

The estimated costs of SSMH's community benefit ministry for the years ended December 31, 2023 and 2022, are as follows:

022, are as tonower	2023	2022
Financial Assistance and Means-tested Government Programs: Charity care at cost Unpaid costs of Medicaid	\$ 101,844 214,626 30,330	\$ 58,014 255,496 17,465
Costs of other means-tested government programs		
Total Financial Assistance and Means-tested Government Programs	346,800	330,975
Other community benefits: Community health improvement services Health professions education Subsidized health services Research Financial contributions Community building activities	14,199 89,721 13,858 15 5,250 174	10,126 114,995 5,468 28 2,602 109
Total other community benefits	123,217	133,328
Total community benefit ministry	\$ 470,017	<u>\$ 464,303</u>

The estimated costs are calculated using a cost-to-charge approach. The costs of providing patient care are divided by gross patient service revenue. This cost-to-charge ratio is then applied to the gross charity, Medicaid, and other means-tested government programs charges to determine estimated costs.

Charity care at cost represents the cost of services provided to patients who cannot afford to pay and who meet the eligibility criteria of SSMH's financial assistance policy (See Note 6—Concentration of Credit Risk for additional information). Financial assistance is reported in terms of costs, not charges.

Unpaid costs of Medicaid represents the shortfall created when costs of providing services to beneficiaries of Medicaid exceed the governmental payments.

Costs of other means-tested government programs represents the shortfall created when costs of providing services to beneficiaries of other government programs exceed the payments received. These programs include State Children's Health Insurance Program and state and local indigent care medical programs for low-income or medically indigent persons ineligible for Medicaid.

Community health improvement services are activities and services carried out to improve community health beyond patient care activities and do not generate patient care bills. Some examples include community health education, health screenings for underinsured and uninsured persons and support groups.

Health profession education includes the unreimbursed costs of educational programs for health care professionals such as physicians, interns and residents, medical students, and nurses.

Subsidized health services are clinical programs that SSMH provides despite a financial loss so significant that negative margins remain after removing the effects of financial assistance and Medicaid shortfalls. SSMH continues to provide these services because they meet an identified community need and, if no longer offered, would either be unavailable or fall to the responsibility of government or another not-for-profit organization.

Research includes clinical and community health research, as well as studies on health care delivery that are generalizable and shared with the public.

Financial contributions include funds donated to community organizations or to the community at large for a community benefit purpose as well as certain in-kind donations such as medical supplies.

Community building activities represent the cost of activities which improve the community's health and safety by addressing the root causes of health problems, such as poverty, homelessness, and environmental hazards.

#### 5. NET PATIENT SERVICE REVENUES

The composition of net patient service revenues by payor and service line for the years ended December 31, 2023 and 2022, is as follows:

		2023	2022
Medicare Medicare managed care Medicaid Medicaid managed care Managed care Commercial, self-pay and other Total net patient service revenues percentage by payor		20 % 16 6 11 41 6 100 %	20 % 15 10 8 38 9
	2023	2	2022
Hospital operations Physician operations Home health Skilled nursing	\$ 5,431,838 861,161 74,595 68,030		003,843 928,532 72,394 50,194
Total net patient service revenues by service line	\$ 6,435,624	\$ 6,	054,963

Net patient service revenues does not include payment for services provided to patients covered under SSMH's claims pools. These revenues are eliminated upon consolidation and have been excluded from the above tables. Revenues from services provided to SSMH's claims pools amounted to \$801,327 and \$761,965 for the years ended December 31, 2023 and 2022, respectively.

#### 6. CONCENTRATION OF CREDIT RISK

SSMH provides health care services through its inpatient and outpatient care facilities located in its respective communities. SSMH attempts to collect amounts due from patients, including co-payments and deductibles for patients with insurance, at the time of service, while complying with all federal and

state laws and regulations, including the Emergency Medical Treatment and Active Labor Act (EMTALA). Generally, as required by EMTALA, patients may not be denied emergency treatment due to the inability to pay. In nonemergency circumstances or for elective procedures, SSMH's policy is to verify insurance prior to treatment; however, exceptions can occur. SSMH generally does not require collateral or other security in extending credit to patients; however, it routinely obtains assignment of (or is otherwise entitled to receive) patients' benefits payable under their health insurance programs, plans, or policies (e.g., Medicare, Medicaid, managed care, and commercial insurance policies).

SSMH reviews its financial assistance and billing policies on a regular basis to ensure compliance with IRS 501(r) regulations in accordance with the Affordable Care Act.

The mix of net receivables from patients and third-party payors as of December 31, 2023 and 2022, is as follows:

	2023	2022
Medicare Medicare managed care Medicaid Medicaid managed care Managed care Commercial and other	14 % 20 6 11 35 14	16 % 18 9 11 39 7
Total net receivables from patients and third-party payors percentage	%	100 %

### 7. ASSETS LIMITED AS TO USE OR RESTRICTED

A summary of assets limited as to use or restricted as of December 31, 2023 and 2022, is as follows:

		2023	2022
Board designated: Unrestricted board designated assets Other restricted board designated assets	\$	3,256,674 295,259	\$ 2,998,636 258,651
Held by trustee: Project and bond funds Self-insurance (Note 15) Collateral held under securities lending agreements Total held by trustee		2,994 194,780 61,394 259,168	 2,988 200,085 81,617 284,690
Assets restricted by donor as to use	,	207,518	 145,583
Total assets limited as to use or restricted		4,018,619	3,687,560
Less current portion		519,413	 454,838
Noncurrent portion	<u>\$</u>	3,499,206	\$ 3,232,722

A summary of investment income (loss) for the years ended December 31, 2023 and 2022, is as follows:

	2023	2022
Interest and dividends—net of investment fees Net realized gains (losses) on investments Net unrealized gains (losses) on investments	\$ 82,694 60,338 247,939	\$ 74,326 (35,094) (493,700)
	\$ 390,971	\$ ( <u>454,468</u> )

The change in net unrealized gain (loss) on investments, including changes in value of restricted net assets, held at December 31, 2023 and 2022, was \$247,939 and \$(493,700), respectively.

Investment income (losses) is reported as follows:

, , , , , , , , , , , , , , , , , , , ,	2023	2022
Operating investment income (loss) Nonoperating investment income (loss)	\$ 59,760 321,583	\$ (69,547) (375,041)
Gains (losses) on investments—net—net assets with donor restrictions	9,628	(9,880)
Total income (loss)	\$ 390,971	\$ (454,468)

The amounts in the security lending program are included in the following classifications:

	2023	2022
Equity securities Government securities Corporate obligations	\$41,215 2,055 15,918	\$70,849 - 8,642
Total	<u>\$59,188</u>	<u>\$79,491</u>

#### 8. FAIR VALUE MEASUREMENTS

SSMH defines fair value as the price that would be received upon the sale of an asset or paid upon the transfer of a liability in an orderly transaction between market participants at the measurement date and in the principal or most advantageous market for that asset or liability. The fair value should be calculated based on assumptions that market participants would use in pricing the asset or liability, not on assumptions specific to the ministry. In addition, the fair value of liabilities should include consideration of nonperformance risk, including SSMH's own credit risk.

The fair value of all assets and liabilities recognized or disclosed at fair value are classified based on the lowest level of significant inputs. SSMH used the following methods to determine fair value:

**Level 1**—Quoted prices (unadjusted) in active markets for identical assets or liabilities that SSMH has the ability to access on the report date.

**Level 2**—Inputs (financial matrices, models, valuation techniques) other than quoted market prices included in Level 1, that are observable for the asset or liability, either directly or indirectly. If the asset or liability has a specified (contractual) term, a Level 2 input must be observable for substantially the

full term of the asset or liability. Such observable inputs include benchmarking prices for similar assets in active, liquid markets, quoted prices in markets that are not active and observable yields, and spreads in the market.

**Level 3**—Inputs (such as professional appraisals, quoted prices from inactive markets that require adjustment based on significant assumptions or data that is not current, or data from independent sources) that are unobservable for the asset or liability.

Assets and liabilities measured at fair value on a recurring basis as listed in the following tables use the following valuation methodologies:

Cash and Cash Equivalents—Cash equivalents that trade on a regular basis in active markets are classified as Level 1 in the fair value hierarchy. Those that do not meet these criteria are classified as Level 2.

Corporate Obligations—Corporate obligations are valued using quoted market prices and/or other market data for the same or comparable securities and transactions in establishing the prices, discounted cash flow models, and other pricing methods. These models are primarily industry-standard models that consider various assumptions, including time value and yield curve, as well as other relevant economic measures. Due to the nature of pricing methods utilized, corporate obligations are classified as Level 2 within the fair value hierarchy.

Government Securities—Government securities are valued using quoted market prices and/or other market data for the same or comparable securities and transactions in establishing the prices, discounted cash flow models, and other pricing methods. These models are primarily industry-standard models that consider various assumptions, including time value and yield curve, as well as other relevant economic measures. Due to the nature of pricing methods utilized, government securities are classified as Level 2 within the fair value hierarchy.

Mutual Funds—Mutual funds are valued using the underlying net assets owned by the fund and are classified as Level 1 within the fair value hierarchy.

**Equities**—Equity securities are valued at the closing price reported on the applicable exchange on which the security is traded and are classified as Level 1 within the fair value hierarchy.

**Trading Derivatives and Interest Rate Swaps**—Trading derivatives consist of interest rate swaps and options, credit default swaps, and futures, for which fair values are estimated based on quoted market prices and/or other market data for the same or comparable instruments and transactions in establishing the prices. These derivatives are classified as Level 2 within the fair value hierarchy. Trading derivatives in active markets are classified as Level 1 in the fair value hierarchy.

Guaranteed Fixed Funds—Guaranteed fixed funds are valued using quoted market prices and/or other market data for the same or comparable securities and transactions in establishing the prices, discounted cash flow models, and other pricing methods. These models are primarily industry-standard models that consider various assumptions, including time value and yield curve, as well as other relevant economic measures. Due to the nature of pricing methods utilized, guaranteed fixed funds are classified as Level 2 within the fair value hierarchy.

Hedge Funds—Hedge funds are valued primarily using net asset values, which approximate fair value, as determined by an external fund manager based on quoted market prices, operating results, balance sheet stability, growth, and other business and market sector fundamentals. As investments in hedge

funds are measured at net asset value, they are included separately from the fair value hierarchy in the table below.

Limited Liability Companies (LLC), Limited Partnerships (LP) and Real Estate Investment Trust (REIT) Interests—LLC, LP and REIT interests are primarily valued based on the most current financial statements issued by each fund adjusted for cash flow to and from the fund subsequent to the financial statement reporting date. The underlying investments are valued in accordance with the corresponding valuation method for the investments held. The prices used to generate these valuations are unobservable and therefore are classified as Level 3 within the fair value hierarchy. Limited liability companies and limited partnership interests whose underlying securities are publicly traded are valued at the closing price reported on the applicable exchange on which the underlying securities are traded and are classified as Level 2 within the fair value hierarchy. A portion of LLC, LP and REIT interests are valued using net asset values, which approximate fair value, as determined by an external fund manager based on quoted market prices, operating results, balance sheet stability, growth and other business and market sector fundamentals.

Commingled Funds—Commingled funds are valued using the net asset value based on the value of the underlying assets owned by the fund, minus liabilities, multiplied by the current percentage ownership of the fund. The underlying investments are valued in accordance with the corresponding valuation method for the investments held. As commingled funds are measured at net asset value, they are included separately from the fair value hierarchy in the table below.

Securities Lending—The security lending collateral is invested in a Northern Trust-sponsored commingled collateral fund, which is composed primarily of short-term securities. The fair value of the commingled collateral fund is determined using the calculated net asset value per share (or its equivalent) for the fund with the underlying securities valued using techniques similar to those used for marketable securities. As security lending is measured at net asset value, it is included separately from the fair value hierarchy in the table below.

SSMH may be required, from time to time, to measure certain assets at fair value on a nonrecurring basis in accordance with GAAP. The following describes assets measured at fair value on a nonrecurring basis:

Cash Surrender Value of Life Insurance—Cash surrender value of life insurance is valued based on the underlying investments and represents the guaranteed value that would be received upon surrender of the policies. It is classified as Level 2 within the fair value hierarchy.

Assets Held for Sale—The fair value of assets held for sale is determined based on valuation methodologies using management assumptions, including estimates of future cash flows and would generally be considered Level 3 inputs (See Note 12—Ministry Activities for additional information).

Impaired Property and Equipment—The fair value of impaired property and equipment is determined based on valuation methodologies as described in Note 2—SSMH Summary of Significant Accounting Policies which would generally be considered Level 3 inputs (See Note 9—Property and Equipment for additional information).

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while SSMH believes that its methods are appropriate and consistent with other market participants, the use of different methodologies or

assumptions to determine the fair value of certain financial instruments could result in a different estimate of fair value at the reporting date.

SSMH holds the majority of its financial assets in CIP, which also includes the investments of its defined benefit plans. The tables below do not reflect actual securities owned by SSMH. The values below represent SSMH's allocated non-pension share of CIP as well as investments in non-CIP assets.

The following tables summarize assets and liabilities measured at fair value on a recurring basis and nonrecurring basis by the level of significant input:

December 31, 2023	Level 1		Level 1 Level 2		evel 2 Level 3		Total	
Recurring fair value measurements:								
Assets:	۸.	109,802	\$	64,331	\$ -	\$	174,133	
Cash and cash equivalents	\$	105,002	ب	382,189	-	•	382,189	
Corporate obligations		-		582,418	_		582,418	
Government securities		-		Juzini				
Mutual funds:		153,654		-	-		153,654	
Domestic equities		62,295		_			62,295	
International equities		64,721					64,721	
Fixed income		656,325		-			656,325	
Equities — domestic		030,323		1,019	**		1,019	
Trading derivatives				30,820	-		30,820	
Interest rate swaps		_		162,793	1,112,089		1,274,882	
LLC and LP interests		_		445	-		445	
Guaranteed fixed funds Cash surrender value of life insurance				61,389		_	61,389	
Cash surrender value of the histratice			_	<u> </u>				
Subtotal	\$	1,046,797	<u>\$</u>	1,285,404	\$ 1,112,089	\$	3,444,290	
investments measured at net asset value:								
Commingled funds:								
Securities lending							61,394	
International equities							191,860	
Fixed Income							34,793	
Hedge funds							176,070 111,546	
LLC, LP, and REIT interests							111,540	
, ,							4,019,953	
Total assets						=	4,039,555	
						,	14041	
Liabilities—interest rate swaps	\$		- \$	\$ 14,041	\$	- \$		
Liabilities—trading derivatives		1,648	3.				1,648	
Hanitian and and an in-						_	45.000	
Total liabilities	\$	1,648	3 3	\$ 14,041	<u> </u>		15,689	
Total Haviltaco	=							

December 31, 2022	Level 1	Level 2	Level 3	Total	
Recurring fair value measurements:					
Assets:	\$ 88,301	\$ 48,492	\$ -	\$ 136,793	
Cash and cash equivalents	3 60,50x	398,591	-	398,591	
Corporate obligations	_	472,446	-	472,446	
Government securities		•			
Mutual funds:	74,630		-	74,630	
Domestic equities International equities	51,191	**	-	51,191	
Fixed income	22,719	•	-	22,719	
Equities—domestic	661,787	~	-	661,787	
Trading derivatives	3,847	2,356	-	6,203	
Interest rate swaps	-	16,009		16,009 1,143,893	
LLC and LP interests	-	205,857	938,036	1,432	
Guaranteed fixed funds	-	1,432 55,148	-	55,148	
Cash surrender value of life insurance				<del></del>	
Subtotal	\$ 902,475	\$1,200,331	<u>\$ 938,036</u>	3,040,842	
Investments measured at net asset value:					
Commingled funds:				81,617	
Securities lending				217,872	
International equities				144,994	
Fixed income				120,240	
Hedge funds				177,364	
LLC, LP, and REIT interests					
Total assets				\$3,782,929	
Liabilities — interest rate swaps	<u>\$</u>	\$ 24,876	<u>\$</u>	\$ 24,876	
Total liabilities	<u>\$</u>	\$ 24,876	<u>\$</u>	\$ 24,876	

The following table reconciles the information about the fair value of SSMH's financial instruments measured at fair value on a recurring basis presented in the table above to amounts presented in the consolidated balance sheets as of December 31, 2023 and 2022:

	2023	2022
Assets: Investments Assets limited as to use or restricted—current portion	\$ 20,479 519,413	\$ 112,203 454,838
Assets limited as to use or restricted—excluding current portion Interest rate swaps recorded as other assets—other	3,499,206 30,820	3,232,722 16,009
Less items not recorded at fair value: Unconditional promises to give—net Other	(35,716) (14,249)	(16,839) (16,004)
Total assets	<u>\$ 4,019,953</u>	<u>\$3,782,929</u>

The values below represent SSMH's defined benefit plan's allocated proportionate share of CIP by the level of significant input:

evel of significant input.								
December 31, 2023	I.	evel 1	ı	Level 2	L	evel 3		Total
Assets: Cash equivalents Corporate obligations Government securities	\$	18,766 - -	\$	28,339 160,601 250,084	\$	-	\$	47,105 160,601 250,084
Mutual funds—international equities Mutual funds—fixed income Equities—domestic Trading derivatives LLC and LP interests		21,545 11,412 316,149		371 81,425		- - - 340,959		21,545 11,412 316,149 371 422,384
Subtotal	\$	367,872	<u>\$</u>	520,820	<u>\$</u>	340,959	\$	1,229,651
Investments measured at net asset value: Commingled funds: Securities lending International equities Fixed income Hedge funds LLC, LP and REIT interests Total assets								30,785 95,475 17,617 85,264 115,609
Accrued income Payable under security lending agreement							_	(30,785)
Fair value of plan assets							\$	1,548,475
Liabilities—trading derivatives	<u> </u>	<u> </u>		\$ -	2	<del>-</del>	<u>\$</u>	450

December 31, 2022	Level 1	Level 2	Level 3	Total
Assets: Cash equivalents Corporate obligations Government securities	\$ 36,487 - -	\$ 12,431 141,126 151,996	\$ -	\$ 48,918 141,126 151,996
Mutual funds—international equities Equities—domestic Trading derivatives LLC and LP interests	20,756 303,235 - -	686 102,078	390,489	20,756 303,235 686 492,567
Subtotal	<u>\$360,478</u>	<u>\$ 408,317</u>	\$390,489	1,159,284
Investments measured at net asset value: Commingled funds: Securities lending International equities Fixed income Hedge funds LLC, LP and REIT interests				40,080 111,514 64,702 65,180 100,326
Total assets				1,541,086 3,464
Accrued income Payable under security lending agreement				(40,080)
Fair value of plan assets				\$ 1,504,470
Liabilities—trading derivatives	\$ 862	\$	<u>\$</u>	\$ 862

The following disclosures for level 3 and net asset value investments includes SSMH investments and the investments of its defined benefit plans.

The allocated shares of level 3 assets for the years ended December 31, 2023 and 2022, are as follows:

	SSMH Investments	SSMH's Defined Benefit Plan Assets	Total
December 31, 2023	\$ 1,112,089	\$340,959	\$ 1,453,048
December 31, 2022	938,036	390,489	1,328,525

It is SSMH's policy that transfers between levels will occur when revised information regarding the lowest level of significant inputs becomes available. There were no transfers between levels during 2023 or 2022.

Changes related to the fair values based on Level 3 inputs for the years ended December 31, 2023 and 2022, are summarized as follows:

722, ard 34	LLC and LP Interests
Ending balance as of January 1, 2022	\$ 1,026,600
	39,229
Realized gains	51,285
Unrealized gains	307,899
Purchases Sales	(96,488)
Ending balance as of December 31, 2022	1,328,525
	73,033
Realized gains	45,524
Unrealized gains	219,32 <del>9</del>
Purchases Sales	(213,363)
Ending balance as of December 31, 2023	<u>\$ 1,453,048</u>

The allocated shares of CIP assets measured at net asset value for the years ended December 31, 2023 and 2022, are as follows:

100 LOZZ) 41 G 40 C C C C C C C C C C C C C C C C C C	SSMH Investments	SSMH's Defined Benefit Plan Assets	Total
December 31, 2023: Commingled funds Hedge funds LLC, LP and REIT interests	\$ 288,047 176,070 111,546	\$143,877 85,264 115,609	\$ 431,924 261,334 227,155
Total	<u>\$ 575,663</u>	\$344,750	\$ 920,413
December 31, 2022: Commingled funds Hedge funds LLC, LP and REIT interests	\$ 444,483 120,240 177,364	\$216,296 65,180 100,326	\$ 660,779 185,420 277,690
Total	<u>\$ 742,087</u>	\$381,80 <u>2</u>	\$1,123,889

The commingled funds, hedge funds, and certain LLC, LP, and REIT interests are redeemable at net asset value under the original terms of the agreements. However, it is possible that these redemption rights may be restricted or eliminated by the funds in the future in accordance with the underlying fund agreements. Assets recorded at net asset value at December 31, 2023 and 2022, are as follows:

December 31, 2023	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled funds <sup>(a)</sup> Hedge funds <sup>(b)</sup> LLC, LP and REIT interests <sup>(c)</sup>	\$ 431,924 261,334 227,155	Daily, semi-monthly, monthly Monthly, quarterly, semi-annual Quarterly	0–10 days 30–90 days 45–90 days
Total	\$ 920,413		
December 31, 2022	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled funds <sup>(a)</sup> Hedge funds <sup>(b)</sup> LLC, LP and REIT interests <sup>(c)</sup>	\$ 660,779 185,420 277,690	Daily, semi-monthly, monthly Monthly, quarterly Quarterly, semi-annual	0–10 days 30–90 days 45–90 days
Total	<u>\$1,123,889</u>		

- (a) This category includes investments in commingled funds that primarily invest in financial instruments of US and non-US entities, bonds, notes, bills, currencies, and interest rate and derivative products.
- (b) This category includes investments in hedge funds that maintain positions in long-short equity, credit, currency and derivative securities.
- (c) This category includes investments in certain limited liability companies, limited partnerships and REIT interests that invest in the following: high-quality properties in major metropolitan areas; participating mortgages secured by core real estate properties; and core infrastructure investments. Investments in this category are primarily valued based upon independent appraisals using a cost approach, market approach, or income approach, as well as consideration of other third-party evidence.

SSMH's unfunded commitments to purchase limited partnership interests is reported as follows:

	Unfunded Commitments	SSMH Investments	SSMH's Defined Benefit Plan Assets
December 31, 2023	\$ 446,980	72 %	28 %
December 31, 2022	476,480	65	35

#### 9. PROPERTY AND EQUIPMENT

A summary of property and equipment at December 31, 2023 and 2022, is as follows:

A Summary Or property and	2023	2022
Land and improvements Buildings Equipment	\$ 240,956 3,783,867 1,773,662	\$ 243,935 3,768,792 1,640,783
Total gross depreciable property and equipment	5,798,485	5,653,510
Less accumulated depreciation	3,195,413	2,990,827
Total net depreciable property and equipment	2,603,072	2,662,683
Real estate held for future development Construction in process	3,985 234,274	3,985 194,023
Total	\$ 2,841,331	\$ 2,860,691

Depreciation expense for the years ended December 31, 2023 and 2022, totaled \$259,368 and \$271,229, respectively.

The book value of equipment under finance lease obligations at December 31, 2023 and 2022, totaled \$27,205 and \$26,316, respectively. The related accumulated depreciation totaled \$17,037 and \$15,473 at December 31, 2023 and 2022, respectively. These amounts are included in the above summary of property and equipment.

SSMH determined that indicators existed that there was potential impairment of certain property and equipment totaling \$18,109 for the year ended December 31, 2023 (See Note 12—Ministry Activities for additional information).

## 10. GOODWILL AND OTHER INTANGIBLE ASSETS

A summary of Goodwill at December 31, 2023 and 2022, is as follows:

	Gross	Accumulated Impairment Loss	Net
Balance at January 1, 2022	\$189,496	\$ (38,303)	\$151,193
Acquired (See Note 12)	<u>138,468</u>		_138,468
Balance at December 31, 2022	327,964	(38,303)	289,661
Acquired (See Note 12)	239,288		239,288
Balance at December 31, 2023	\$567,252	\$ (38,303)	<u>\$ 528,949</u>

The following table provides information regarding other intangible assets for the years ended December 31, 2023 and 2022:

	2023			2022		
•	Gross Carrying Amount	Accumulated Amortization	Net Intangible Assets	Gross Carrying Amount	Accumulated Amortization	Net Intangible Assets
Amortized intangible assets: Software Trade name	\$483,626 108,563	\$308,785 71,215	\$174,841 37,348	\$347,352 104,900	\$ 285,406 64,000	\$ 61,946 40,900
Customer contracts Other	151,980 5,257	38,750 1,769	113,230 3,488	111,621 5,368	36,444 3,640	75,177 1,728
Total	<u>\$749,426</u>	\$420,519	\$328,907	<u>\$569,241</u>	\$389,490	\$ 179,751

The weighted-average amortization period for the intangible assets subject to amortization acquired during the year ended December 31, 2023 is approximately 3.4 years. There are no expected residual values related to these intangible assets.

Amortization expense on these intangible assets was \$29,581 and \$37,572 during the years ended December 31, 2023 and 2022, respectively.

The estimated future amortization of intangible assets with finite useful lives as of December 31, 2023, is as follows:

Years Ending December 31	
	\$ 41,585
2024	39,925
2025	35,406
2026	30,166
2027	25,905
2028	155,920
Thereafter	133,320
Total	\$328,907

## 11. INVESTMENTS IN UNCONSOLIDATED ENTITIES

Investments in entities where SSMH does not have operating control, but is considered to be able to exert influence, are recorded under the equity method of accounting. SSMH included the following income from operations from equity method investments for the years ended December 31, 2023 and 2022, as operating revenues:

	2023	2022
Income and gain from operations (See Note 12) Losses from operations	\$ 140,518 (1,479)	\$28,692 (14,869)
Income from unconsolidated entities—net	<u>\$ 139,039</u>	<u>\$13,823</u>

## 12. MINISTRY ACTIVITIES

SSMH entered into the following significant activities during the years ended December 31, 2023 and 2022:

Navitus Health Solutions—Throughout 2022 and 2023, NHS held a 45% interest in Archimedes, LLC (Archimedes), a specialty drug management company that focuses primarily on specialty drug management solutions for health plans, third party administrators, employers, labor groups, and other plan sponsors. On December 29, 2023, NHS acquired an additional 35.1% ownership interest in Archimedes, making NHS an 80.1% majority and controlling owner.

In accordance with ASC 805, *Business Combinations*, the transaction was accounted for as a business combination and acquired assets and liabilities were recorded at fair values while Archimedes became a consolidated subsidiary of NHS on the date of acquisition. Previously, Archimedes had been accounted for as equity method investment with NHS's share of earnings in Income from unconsolidated entities—net on the consolidated statement of operations and changes in net assets and recorded as an Investment in unconsolidated entities on the balance sheet of SSMH.

During the years ended December 31, 2023 and 2022, SSM recognized revenues from Archimedes' equity method earnings totaling \$9,392 and \$1,964, respectively, in Income from unconsolidated entities—net. As part of the purchase accounting, the investment in Archimedes was adjusted to its acquisition date fair value of \$170,780, which resulted in a gain of \$101,099 recorded in Income from unconsolidated entities—net in December 2023. Total assets acquired related to the Archimedes acquisition of \$470,120 includes \$18,370 of cash and cash equivalents, \$58,515 of pharmacy claims and rebates receivable, \$843 of inventory, prepaids, and other, \$239,288 of goodwill and \$151,000 of other intangible assets—net, property and equipment—net of \$1,412, and operating right of use assets of \$692. Total liabilities assumed of \$78,411 is made up solely of \$75,086 of accounts payable and accrued expenses, \$709 of deferred revenue, \$384 of operating lease obligations—excluding current portion, and \$2,232 of other long-term liabilities.

SLUCare Physician Group—On May 6, 2022, SSM Health and its various subsidiaries entered into an Asset Transfer/Membership Interest Redemption Agreement with Saint Louis University that was effective as of July 1, 2022. Under the terms of the agreement, SSM Health Care Group acquired in a cash transaction substantially all of the operating assets and assumed certain liabilities of SLUCare Physician Group ("SLUCare") from Saint Louis University. The agreement formally brings together the academic medical expertise of SLUCare with SSM Health's high-quality, community-based care model so that patients will have access to all levels of care, including highly specialized procedures and clinical trials. The SLUCare transaction was accounted for as a business combination as of July 1, 2022 and acquired assets and liabilities were recorded at fair values. Total assets acquired of \$144,400 includes \$7,672 of tangible assets, \$138,451 of Goodwill, and \$10,072 of other intangible assets—net. Total liabilities assumed were \$11,795. In addition, as part of this transaction, SSM Health redeemed Saint Louis University's 15% membership interest in SSM Health St. Louis in a cash transaction as displayed in the consolidated statement of cash flows. SSM Health recognized annual revenues from SLUCare totaling \$171,783 during the year ended December 31, 2023 and revenues totaling \$93,391 for the six months ended December 31, 2022.

Impairments and assets held for sale—As of December 31, 2023, a \$33,096 impairment loss was taken on the consolidated statement of operations and changes in net assets to adjust certain assets to their net realizable value related to the abandonment of certain contracts and facilities that are being repurposed or relocated. In addition, certain property and equipment assets were adjusted to their

approximate fair value, less cost to sell that are now classified as held for sale. These impairments impacted the following balance sheet line items: property and equipment – net for \$18,109, operating right-of-use assets for \$6,600, and other non-current assets for \$8,387. The assets classified as assets held for sale as of December 31, 2023 were \$25,650.

# 13. DEBT AND FINANCE LEASE OBLIGATIONS

Debt as of December 31, 2023 and 2022, consists of the following:

CDE us of Document and		2023	2022
Fixed rate: Series 2023A Bonds fixed rate debt, due 2039 with a put option June 2028, 5.00% interest rate, plus net unamortized premium of \$6,926 at December 31, 2023 Series 2014A, 2016 Sarah Community, 2017A, 2017 Agnesian, 2018, 2018A, 2018B, 2018C, 2019 Sarah Community, 2019A, 2019B, 2022A and 2023 Bonds fixed rate	\$	88,911	\$ -
debt, due through 2052, Interest rates from 2.65% to 5.00% plus net unamortized premium of \$35,017 and \$40,389 at December 31, 2023 and 2022, respectively		1,500,832	1,836,214
Total fixed rate debt		1,589,743	1,836,214
Variable rate: Series 2019C Variable Rate Direct Loans issued July 2019, 4.73% at December 31, 2023, with put option July 2025, and maturing June 2029. Series 2014B-G, Series 2018D-F, and 2023B Variable Rate Demand Bonds,		21,035	25,465
3.50% to 5.33% at December 31, 2023, due serially through 2053	_	665,180	443,580
Total variable rate debt		686,215	469,045
Revolving line of credit		97,410	
Deferred financing costs	_	(9,528)	(7,899)
Commercial paper, 5.44% at December 31, 2023  Note payable due through 2024, plus net unamortized discount of \$404 and		175,000	175,000
\$1,215 at December 31, 2023 and 2022, respectively. Collateralized by certain		23,762	47,118
real estate Unsecured note payable due through 2025		21,842	52,763
Notes payable, due at various dates through 2028, interest at 8.00% to 8.25%. unsecured		163	436
Finance lease obligations, at varying rates from 3.00% to 13.31% collateralized by leased equipment and property	<u></u>	17,733	16,719
Total debt and finance lease obligations		2,602,340	2,589,396
Less commercial paper-recorded in other current liabilities Less revolving line of credit Less finance lease obligations, excluding current portion Less short-term borrowings Less current portion of long-term debt and finance lease obligations		175,000 97,410 16,006 665,180 57,931	175,000 14,640 443,580 602,034 \$ 1,354,142
Total long-term debt	<u>\$</u>	1,590,813	<u>3 1,334,142</u>

SSM Health Master Indenture—SSMHCC is a member of the SSM Health Credit Group (Credit Group) and the only obligated group member pursuant to a master trust indenture (amended and restated) dated May 15, 1998. The Credit Group also includes certain SSMH's affiliates referred to as "Designated Affiliates" under the master trust indenture. SSMH corporations not included in the Credit Group include NHS and Lumicera Health Services, as well as a variety of entities consisting primarily of foundations, medical office building corporations, employed physician practices, and various other corporations involved in activities supporting SSMH. The net assets of the Designated Affiliates are available to SSMHCC to service all obligations under the master indenture. Various issuing authorities have issued tax-exempt revenue bonds under the master trust indenture. All debt under the master trust indenture is uninsured, but is subject to certain debt covenants, including the maintenance of a minimum debt service coverage ratio.

During 2022, SSMH assumed control of a not-for-profit faith-based retirement community, which included all assets and liabilities of the entity as well as assuming its debt. This entity became a fully consolidated subsidiary outside of the Credit Group. The debt, which sits outside the credit group, is guaranteed by SSMHCC and consists of two fixed rate bond series totaling approximately \$19,000 and \$21,000 as of December 31, 2023 and 2022, respectively. Additionally, in 2023 SSMHC closed on \$381,985 of 2023 and 2023A fixed rate notes along with \$224,570 of 2023B variable rate on demand bonds and in turn, paid down the \$614,325 outstanding on the 2018, 2018B and 2018C bonds. As of December 31, 2022, approximately \$524,435 million of 2018 Notes, that were refinanced in 2023, were outstanding in the current portion of long-term debt balance sheet line.

Variable Rate Bonds—The debt includes \$686,215 and \$469,045 at December 31, 2023 and 2022, respectively, of variable rate bonds. The interest rates on these bonds are reset at daily or longer intervals. The Series 2014B-G, Series 2018D-F, and 2023B variable rate demand bonds are supported through self-liquidity. The remaining variable rate bonds were issued as funded direct placements that do not require liquidity support. These series are classified as short-term borrowings based upon these accelerated terms. The contingent payments in the Contractual and Contingent Principal Repayments table below reflect these accelerated terms. However, SSMH's contractual payments do not reflect these accelerated terms. If any of these agreements are terminated and not replaced, extended, or renewed, SSMH can be required to purchase the tendered bonds at the specified bank rate in a specified period.

Contractual and Contingent Principal Repayments—Contractual and contingent principal repayments on debt and finance lease obligations of SSMH are as follows:

on dept and infance lease obligations at extension	Debt Contractual Payments	Contingent Payments	Finance Lease Obligations
2024 2025 2026 2027 2028 Thereafter	\$ 59,189 34,933 29,713 530,005 330,121 1,296,225	\$ 721,384 44,763 18,568 519,190 401,556 574,725	\$ 3,742 2,856 2,560 2,622 2,701 11,075
	2,280,186	2,280,186	25,556
Plus amount representing net premium	41,539	41,539	
Less amount representing interest under finance lease obligations			(7,823)
Plus finance lease principal payments Plus commercial paper Plus revolving line of credit	17,733 175,000 97,410	17,733 175,000 97,410	\$ 17,733
Less deferred financing costs	(9,528)	(9,528)	
Total debt and finance lease obligations	\$ 2,602,340	\$ 2,602,340	

Other Notes Payable—In 2022, SSMH purchased a group of real estate properties that were partially financed with a \$48.3 million promissory note due to the seller of the properties. The note is secured by the properties and payable in equal installments with a final maturity date in 2024.

Commercial Paper—SSMH utilizes commercial paper supported by self-liquidity for general corporate purposes. Under the program, SSMH is registered to issue up to \$400,000. At December 31, 2023 and 2022, \$175,000 of commercial paper was issued and is included in other current liabilities on the consolidated balance sheets.

Revolving Line of Credit—SSMH utilizes revolving lines of credit for general corporate purposes. On June 23, 2022, SSMH entered into a \$500,000 364-day revolving line of credit agreement. This agreement was amended and restated on June 22, 2023 to expand the facility size to \$700,000. All other terms remain the same. The revolver is secured under SSMH's existing master trust indenture. NHS also maintains an unsecured \$200,000 364-day revolving line of credit. As of December 31, 2023, no balance was outstanding on SSMH's revolving line of credit, while NHS' line of credit had a balance outstanding of \$97,410.

**Deferred Financing Costs, Debt Premiums, and Discounts**—Deferred financing costs and any premium or discount are amortized using the effective interest rate method over the term of the related obligation (or call date when applicable).

Cash Paid for Interest—Cash paid for interest totaled \$85,027 and \$84,502 for the years ended December 31, 2023 and 2022, respectively. SSMH capitalized interest costs in the amounts of \$611 and \$373 for the years ended December 31, 2023 and 2022, respectively.

# 14. PENSION AND OTHER POSTRETIREMENT BENEFIT PLANS

SSMH administers several qualified and nonqualified pension plans for its employees. As of January 1, 2021, all benefits of the pension plans are frozen.

The following table summarizes the benefit obligations, the fair value of plan assets, and the funded status at December 31, 2023 and 2022:

	2023	2022
Change in projected benefit obligation: Projected benefit obligation—beginning of period Interest costs on projected benefit obligation Actuarial loss (gain) Settlements Benefits paid	\$1,681,475 89,764 106,980 (15,695) (137,332)	\$2,324,828 66,362 (551,906) (7,281) (150,528)
Projected benefit obligation—end of period	1,725,192	1,681,475
Change in plan assets: Fair value of plan assets—beginning of period Actual return on plan assets Employer contributions Settlements Benefits paid	1,503,609 165,856 27,224 (15,695) (132,969)	1,772,426 (165,440) 50,000 (7,281) (146,097)
Fair value of plan assets—end of period	_1,548,025	1,503,609
Net amount recognized at end of period and funded status	\$ (177,167)	\$ (177,867)
Accumulated benefit obligation—end of period	\$ 1,725,192	<u>\$1,681,475</u>

The actuarial loss on the benefit obligation for the year ended December 31, 2023 was primarily attributable to the decrease in discount rate from 5.58% to 5.25%. The actuarial gain on the benefit obligation for the year ended December 31, 2022 was primarily attributable to the increase in discount rate from 2.95% to 5.58%.

SSMH holds the majority of the plans financial assets in CIP, which also includes the investments included in investments and assets whose use is limited. For a summary of the plans allocated proportionate share of CIP, including fair value leveling see Note 8—Fair Value Measurements.

Under accounting guidelines non-qualified pension plan liabilities are included as plan liabilities, but the investments are not considered to be plan assets. Accordingly, the table above does not include investments with a fair value of \$42,573 and \$42,364 as of December 31, 2023 and 2022, respectively, which are included as assets limited as to use or restricted on SSMH's consolidated balance sheets.

The following is a summary of the amounts recognized in the consolidated balance sheets for the years ended December 31, 2023 and 2022:

ned Beselfine 5-4 - 11	2023	2022
Amounts recognized in the consolidated balance sheets consist of: Accounts payable and accrued expenses Long-term pension liability	\$ (3,633) _ (173,536)	\$ (4,601) (173,266)
Net amount recognized	<u>\$ (177,169</u> )	\$ (177,867)
Amounts recognized in unrestricted net assets consist of: Beginning of year balance Arising during current year—net actuarial loss (gain) Actuarial gain recognized due to settlement Reclassified into net periodic benefit cost: Net actuarial gain (loss) Prior service credit	\$ 171,377 59,166 (3,100) 60 (594)	\$ 494,494 (265,869) (741) (55,913) (594)
End-of-year balance	\$ 226,909	\$ 171,377

The following is a summary of the components of net periodic pension cost recognized in Nonoperating Gains and (Losses) for the years ended December 31, 2023 and 2022:

	2023	2022
Interest costs on projected benefit obligation Expected return on plan assets	\$ 89,764 (118,043)	\$ 66,362 (120,156)
Amortization of unrecognized: Prior service cost Net loss	594 (60)	594 55,913
Net periodic pension cost	(27,745)	2,713
Settlement	3,100	741
Total cost	<u>\$ (24,645)</u>	<u>\$ 3,454</u>

The following are the actuarial assumptions used by the pension plans to develop the components of pension expense for the years ended December 31, 2023 and 2022:

	2023	2022
Discount rates	5.58 %	2.95 %
Return on plan assets	7.50	7.50

The following are the actuarial assumptions used by the pension plans to develop the components of the pension projected benefit obligation as of December 31, 2023 and 2022:

	2023	2022
Weighted average discount rates	5.25 %	5.58 %

SSMH is not expecting to contribute to its pension plans in 2024.

Estimated Future Benefit Payments—The following benefit payments are expected to be paid:

	Pension Benefits
2024	\$133,474
2024	135,103
2025	136,198
2026	138,614
2027	136,079
2028	· · · · · · · · · · · · · · · · · · ·
Years 2029–2033	627,978

The actual plan asset allocations and the allocation goals comprise the following investment classifications at December 31, 2023 and 2022:

	2023	2022	Allocation Goals
Cash, cash equivalents, and short-term investments Equities Fixed income Core real estate Real asset investments Private credit Hedge funds Volatility risk premium Private equity	0 % 32 27 7 6 6 5 5	1 % 36 22 7 6 6 5 5	1 % 37 21 7 6 6 5 5
	100 %	%	<u>100</u> %

SSMH's investment objective with respect to pension plans is to produce sufficient current income and capital growth through a portfolio of diversified public and private investments, which together with appropriate employer contributions is sufficient to provide for the pension benefit obligations. Within the real asset, private credit, and private equity categories are investments in limited liability companies, limited partnerships and REIT interests. The assumed return on plan assets is intended to be a long-term rate expected on funds invested or to be invested in accordance with SSMH's asset allocation policy to provide for benefits reflected in the plans' projected benefit obligation. In developing the assumptions, SSMH evaluates input from its actuary and pension fund investment advisors. Pension assets are managed by outside investment managers in accordance with the investment policies and guidelines established by the pension trustees, and are diversified by investment style, asset category, sector, industry, issuer, geographical location, and maturity. Pension assets are rebalanced each quarter per the plan's asset allocation guidelines. SSMH anticipates that its

investment managers will continue to generate long-term returns equal to or in excess of its assumed rates.

Defined Contribution Plans—SSMH contributes to a defined contribution plan for eligible employees based upon a percentage of employee compensation. The expense for this plan was \$86,010 and \$71,109 for 2023 and 2022, respectively, and is included in salaries and benefits on the consolidated statements of operations and changes in net assets. SSMH also sponsors defined contribution plans covering employees who participate in the voluntary tax deferred annuity program and other defined contribution plans and who meet age and service requirements. SSMH's contributions to these plans are based on a percentage of employee compensation or employee contributions. The defined contribution pension expense for these plans was \$72,423 and \$57,456 for 2023 and 2022, respectively, and is included in salaries and benefits on the consolidated statements of operations and changes in net assets.

## 15. SELF-INSURANCE

**Professional and General Liability Insurance**—A majority of the members of SSMH participate in the SSMH Liability Trust I or SSMH Liability Trust II (the "Trusts"). Both Trusts are revocable grantor trusts. These Trusts, which cover primary limits of professional and general liability, require annual contributions by participating entities at actuarially determined amounts.

SSMH's underlying self-insured retention for professional liability claims is as follows:

	January 1, 2023 to December 31, 2023
Per occurrence limits—Missouri, Oklahoma and Illinois	\$ 10,000
Per occurrence limits—Missouri, (Select Locations)	\$ 15,000
Annual aggregate—Missouri, Oklahoma and Illinois	None

SSMH's hospitals and physicians located in Wisconsin are qualified health care providers as defined by Wisconsin state statutes regarding professional liability coverage and participate in the State of Wisconsin Injured Patients and Families Compensation Fund (PCF). As defined by Wisconsin state statute, these hospitals and physicians have separate professional liability limits of \$1,000 per claim and a \$3,000 annual aggregate applied to each qualified provider. Losses in excess of these amounts are fully covered through mandatory participation in the PCF. SSMH is commercially insured up to these limits for these hospitals and physicians. For any Wisconsin operation not qualified to participate in the PCF, separate commercial limits of liability are purchased; limits and coverages are evaluated annually.

SSMH's underlying self-insured retention for general liability claims is as follows:

Per occurrence limits—Missouri, Oklahoma,
Wisconsin and Illinois \$3,000

Annual aggregate—Missouri, Oklahoma,
Wisconsin and Illinois

SSMH maintains reinsurance through a wholly owned captive for professional and general liability claims exceeding the underlying self-insured retention. The reinsurance provides coverage (based on specific policy terms, conditions and limitations) up to the limits in the following table. The sublimits that apply are part of and not in addition to the overall policy aggregate limits.

All Locations	January 1, 2023 to December 31, 2023
Each loss event	\$ 145,000
Annual aggregate	145,000

The estimated professional and general liability obligation is recorded in the consolidated financial statements at the present value of future cash payments for both asserted and unasserted claims, using a discount rate of 3% at December 31, 2023 and 2022. The liability for self-insured reserves represents estimates of the ultimate net cost of all losses and related expenses, which are incurred but not paid at the balance sheet date based on an actuarial valuation. This estimated obligation is \$141,813 and \$139,335 at December 31, 2023 and 2022, respectively, of which \$43,622 and \$41,099 is recorded in accounts payable and accrued expenses on the consolidated balance sheets at December 31, 2023 and 2022, respectively.

The accumulated assets of the Trusts are not available to participating members except to pay covered professional liability claims or to reduce future contributions when warranted by claims experience. In the event the Trusts are ever depleted, the participating members would be required to fund deficiencies based on future actuarial determinations.

Dean Health Services (DHS) retains deductible levels with respect to its professional liability program. For professional liability claims reported on or after July 1, 2004, the per-occurrence deductible level is \$1,000 per defendant, and the annual aggregate deductible level is \$3,000. DHS is contractually obligated to reimburse its insurance carriers for all claims paid under the professional liability policies. The PCF also provides unlimited insurance for amounts in excess of the deductibles. DHS recognized a liability of \$7,836 and \$7,367 at December 31, 2023 and 2022, respectively, of which \$1,786 and \$1,317 is recorded in accounts payable and accrued expenses on the consolidated balance sheets at December 31, 2023 and 2022, respectively.

Workers' Compensation—A majority of the members of SSMH participate in SSMH's centralized self-insured workers' compensation program. Claims in excess of certain liability limitations are covered by commercial insurance. The estimated workers' compensation liability obligation is actuarially determined. SSMH records these amounts in accounts payable and accrued expenses and in other long-term liabilities on the consolidated balance sheets at the present value of future cash payments for both asserted and unasserted claims, using a discount rate of 1% at December 31, 2023 and 2022.

Employee Health Insurance—Effective January 1, 2020, all members of SSMH participate in the SSM Employee Health Care Plan as well as other self-funded plans (the Plans). Each participating member funds an actuarially determined amount for payment of covered benefits and related expenses, which are subject to certain limitations. Claims paid by the Plans are included in salaries and benefits expense other on the consolidated statements of operations and changes in net assets and include claims paid by the Plans to SSMH ministries of \$238,563 and \$224,198 for the years ended December 31, 2023 and 2022, respectively. SSMH recorded on the consolidated balance sheets, in accounts payable and accrued expenses, a reserve for incurred but not reported claims of \$49,032 and \$45,514 for the years ended December 31, 2023 and 2022, respectively.

#### 16. LEASES

As of December 31, 2023, SSMH has \$43,835 of current operating lease obligations included in accounts payable and accrued expenses and \$201,018 of long-term lease obligations on the consolidated balance sheet. As of December 31, 2022, SSMH has \$43,624 of current operating lease obligations included in accounts payable and accrued expenses and \$164,583 of long-term lease obligations on the consolidated balance sheet.

The following table presents certain information related to the lease costs for operating leases for the years ended December 31, 2023 and 2022.

	2023	2022
Operating lease costs Short-term lease costs Variable lease costs	\$ 78,443 14,004 13,583	\$ 82,954 12,976 10,396
Total operating lease costs	<u>\$106,030</u>	<u>\$ 106,326</u>

As of December 31, 2023 and 2022, the weighted average remaining operating lease term was 6.5 years and 6.8 years with a weighted average discount rate of 3.5% and 3.7%, respectively.

Commitments related to noncancelable operating lease obligations for each of the next five years and thereafter are as follows:

2024 2025 2026	\$ 50,997 40,173 35,820
2020 2027 2028 Thereafter	32,086 28,392 113,036
Total undiscounted minimum lease payments	300,504
Less amount of lease payments representing interest	55,651
Present value of future minimum lease payments	244,853
Less current obligations under accounts payable and accrued expenses	43,835
Long-term lease obligations	<u>\$ 201,018</u>

## 17. NET ASSETS AND ENDOWMENTS

Net assets with donor restrictions were available for the following purposes for the years ended December 31, 2023 and 2022:

	2023	2022
Subject to expenditure for healthcare operations Endowments subject to the SSMH Foundations' endowment spending policies and appropriation	\$120,319	\$ 81,665
	67,824	61,368
Net assets with donor restrictions	<u>\$188,143</u>	<u>\$143,033</u>

Net assets without donor restrictions were as follows for the years ended December 31, 2023 and 2022:

	2023	2022
Undesignated	\$4,305,96 <u>1</u>	<u>\$4,128,298</u>
Board-designated for: Foundation assets designated for hospital operations and other Endowments	163,296 27,934	133,952 24,407
	191,230	158,359
Net assets without donor restrictions	<u>\$4,497,191</u>	\$4,286,657

Endowments consist of approximately 150 individual funds established for a variety of purposes. They include both donor-restricted endowment funds and funds designated by the boards of trustees or governors of each of its foundations to function as endowments (board-designated endowment funds).

	Without	14th Danny	
Changes in Endowment Net Assets	Donor Restrictions	With Donor Restrictions	Total
Endowment net assets — January 1, 2022	\$ 29,852	\$ 58,666	\$ 88,518
Investment return—net loss Contributions	(3,833) 669	(6,762) 10,427	(10,595) 11,096
Transfers to create board designated endowment funds Appropriation of endowment assets for expenditure	(825) <u>(1,456</u> )	825 (1,788)	(3,244)
Endowment net assets—December 31, 2022	24,407	61,368	85,775
Investment return—net gain Contributions Appropriation of endowment assets for expenditure	3,916 341 <u>(730</u> )	7,127 1,400 (2,071)	11,043 1,741 (2,801)
Endowment net assets—December 31, 2023	<u>\$ 27,934</u>	\$ 67,824	<u>\$ 95,758</u>

Funds with Deficiencies—From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the level that the donor or current law requires SSMH to retain as a fund of perpetual duration (underwater endowments). SSMH has interpreted applicable law to permit spending from underwater funds in accordance with the prudent measures required under the law. SSMH Foundations' policies allows spending from underwater endowment funds, unless otherwise precluded by donor intent or relevant laws and regulations. As of December 31, 2023, an immaterial deficiency existed in two endowments across the system. As of December 31, 2022, an immaterial deficiency existed in seven endowments across the system.

Return Objectives and Risk Parameters—SSMH Foundations have investment and spending practices for endowment assets that intend to provide a predictable stream of funding to programs supported by its endowment while seeking to maintain the purchasing power of the endowment assets. Endowment assets include those assets of donor-restricted funds that SSMH Foundations must hold in perpetuity or for a donor-specified period(s) as well as board-designated funds. The policy allows the endowment assets to be invested in a manner that is intended to produce results that exceed the price and yield results of the allocation index while assuming a moderate level of investment risk. SSMH expects its endowment funds to provide a rate of return that preserves the gift and generates earnings to achieve the endowment purpose.

Strategies Employed for Achieving Objectives—To satisfy its long-term rate-of-return objectives, SSMH relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized) and interest and dividend income. SSMH uses a diversified asset allocation to achieve its long-term return objectives within prudent risk constraints to preserve capital.

Spending Policy and Investment Objectives—SSMH Foundations have a practice of distributing the major portion of current-year earnings on the endowment funds, if the restrictions have been met. Some of the donor-restricted endowments require a portion of the earnings to increase the corpus of the endowment. This is consistent with the organization's objective to maintain the purchasing power of the endowment assets held in perpetuity as well as to provide additional real growth through new gifts and investment return.

### 18. DERIVATIVE INSTRUMENTS

SSMH utilizes various interest rate swap contracts to manage interest cost and debt duration. None of these swaps have been designated as hedges of the interest payments on outstanding debt obligations for accounting purposes.

At December 31, 2023, SSMH had seven floating-to-fixed interest rate swaps, two fixed-to-floating interest rate swaps, four fixed spread basis swaps and two total return swaps. At December 31, 2022, SSMH had six floating-to-fixed interest rate swaps while the other swap types were the same as 2023.

Under all the outstanding floating-to-fixed interest rate swaps with the exception of two, SSMH receives LIBOR or a percentage of LIBOR plus a spread of 0.12% and pays a fixed rate. LIBOR was officially removed as an official index on June 20, 2023, at which time SSMH's counterparties converted to utilizing a one-month lookback rate for existing LIBOR-based swaps. Under the remaining floating-to-fixed interest rate swaps, SSMH receives a portion of SOFR and pays a fixed rate. Under the fixed-to-floating interest rate swaps, SSMH receives a fixed rate and pays Securities Industry and Financial Markets Association Municipal Swap Index (SIFMA). Under the fixed spread basis swaps, SSMH pays a rate based on SIFMA and receives a percentage of LIBOR plus a spread ranging from 0.40% and 0.62%. Under the total return swaps, SSMH pays both a fixed rate equal to the coupon interest rate on the

underlying bond or direct placement loan, as well as a variable rate based on SIFMA plus a spread, then receives the same fixed rate equal to the coupon interest rate on the underlying bond or direct placement loan. Counterparties to SSMH's swaps are diversified and include JP Morgan, Citibank, Wells Fargo, BNY Mellon, Barclays, RBC, and PNC Bank.

Certain swap agreements require SSMH to provide collateral if SSMH's liability, determined on a mark-to-market basis, exceeds a specified threshold. SSMH's interest rate swap agreements allow for net settlements of payment in the normal course of business as well as offsetting of all contracts with a given counterparty in the event of default or bankruptcy of one of the two parties of the transaction. As of December 31, 2023 and 2022, SSMH had posted \$0 in collateral for the benefit of the counterparties.

As part of CIP, SSMH holds investments in interest rate swaps and options, credit default swaps and futures. This economic hedging is based on investment portfolio exposure to long-only equities, foreign exchange and fixed income. No leverage is utilized for this hedging activity.

The following table shows the outstanding notional amount of derivative instruments measured at fair value as reported in other liabilities and assets whose use is limited in the consolidated balance sheets as of December 31, 2023 and 2022:

December 31, 2023	Recorded on Balance Sheet	Maturity Date of Derivatives	Fixed Rate	Notional Amount Outstanding	Fair Value
Derivatives not designated as hedges—interest rate swaps	Otherassets	2028-2053	2.17%-3.17%	\$1,111,400	\$ 30,820
Derivatives not designated as hedges—interest rate swaps	Other liabilities	2034–2045		475,150	(14,041)
Derivatives not designated as hedges—trading derivatives: Futures Options	Assets limited as to use or restricted	2024 2024		1,511 679,186	1,121 (1,751)
				680,697	(630)
Total				<u>\$2,267,247</u>	\$ 16,149

December 31, 2022	Recorded on Balance Sheet	Maturity Date of Derivatives	Fixed Rate	Notional Amount Outstanding	Fair Value
Derivatives not designated as hedges—interest rate swaps	Other liabilities	2023-2044	2.17%-3.00%	\$ 972,370	<u>\$ (24,876)</u>
Derivatives not designated as hedges—interest rate swaps	Otherassets	2035–2050		377,180	16,009
Derivatives not designated as hedges—trading derivatives: Credit default swaps Futures Interest rate swaps Options	Assets limited as to use or restricted	2023–2026 2023 2023–2030 2023	1.00%2.00%	16,906 79,264 44,598 316,354 457,122	(6) 8,618 (296) (2,113) 6,203
Total				\$1,806,672	\$ (2,664)

Fair value is based on instruments trading in active markets (Level 1) and significant other observable inputs (Level 2) at December 31, 2023 and 2022. The gains and losses related to trading derivative instruments have been included in the disclosures reported in Note 7—Assets Limited as to Use or

SSMH's credit derivative instruments are under a master agreement that provides the ability to close out and net the total exposure to a counterparty in the event of a default or other termination events. Counterparty risk is managed by requiring high credit standards for SSMH's counterparties as well as collateral posting requirements. As of December 31, 2023 and 2022, SSMH posted \$632,054 and \$316,552, respectively, of collateral for the credit and equity trading derivative instruments allocated to SSMH from CIP.

The net presentation of SSMH's financial instruments subject to rights of offset are summarized as follows:

Offsetting	of	Financial	and
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Derivative Assets	Gross Amounts of Recognized	Gross Amounts Offset in the Consolidated	Net Amounts Presented in the Consolidated	Gross Amounts not Offset in the Consolidated	Net Amount
Description	Assets	Balance Sheets	Balance Sheets	Balance Sheets	Amount
As of December 31, 2023— Asset derivatives: Interest rate swaps	\$ 30,820	\$ -	\$ 30,820	<u>\$ (14,041)</u>	<u>\$ 16,779</u>
Trading derivatives: Futures Options	\$ 1,121	\$ -	\$ 1,121	\$ -	\$ 1,121
	\$ 1,121	\$ -	<u>\$ 1,121</u>	\$ -	\$ 1,121
As of December 31, 2022— Asset derivatives: Interest rate swaps	<u>\$ 16,009</u>	\$ -	\$ 16,009	<u>\$ -</u>	\$ 16,009
Trading derivatives: Credit default swap Futures Interest rate swaps Options	\$ 19 8,618 1,451 	\$ (25) (1,747) (4,782)	\$ (6) 8,618 (296) (2,113)	\$ - - - -	\$ (6) 8,618 (296) (2,113)
	<u>\$ 12,757</u>	\$(6,554)	\$ 6,203	<u>\$ -</u>	\$ 6,203

Offsetting of Financial and Derivative Liabilities  Description	Gross Amounts of Recognized Liabilities	Gross Amounts Offset in the Consolidated Balance Sheets	Net Amounts Presented in the Consolidated Balance Sheets	Gross Amounts not Offset in the Consolidated Balance Sheets	Net Amount
As of December 31, 2023— Asset derivatives— Trading derivatives: Futures Options	\$ - (1,751) <u>\$ (1,751</u> )	\$ - - \$ -	\$ - (1,751) \$ (1,751)	\$ -  <u>\$ -</u>	\$ (1,751) \$ (1,751)
Liability derivatives—interest rate swaps	\$ 14,041	\$ -	\$ 14,041	<u>\$ -</u>	\$ 14,041
As of December 31, 2022— Asset derivatives— Trading derivatives: Credit default swap Futures Interest rate swaps Options	\$ 25 - 1,747 4,782 \$ 6,554	\$ (25) 	\$ - - - - \$ -	\$ - - - - \$ -	\$ -
Liability derivatives —interest rate swaps	<u>\$ 24,876</u>	<u>\$ -</u>	<u>\$ 24,876</u>	<u>\$(16,009</u> )	\$ 8,867

### 19. INCOME TAXES

The components of income tax expense included in other-net nonoperating gains and (losses) on the consolidated statements of operations and changes in net assets for the years ended December 31, 2023 and 2022, are as follows:

	2023	2022
Current tax expense: Federal State	\$ 792 <u>453</u>	\$ 1,618 4,171
Income tax expense	<u>\$ 1,245</u>	\$ 5,789

The components of deferred taxes are as follows:

	2023	2022
Assets: Net operating loss and credit carryforwards Accrued employee compensation Other nondeductible liabilities Uncollectible accounts Other	\$ 249,256 6,725 42,518 1,304 2,273	\$ 471,607 5,817 6,340 4 (2,467)
Total assets	302,076	481,301
Liabilities: Depreciable and amortizable assets Investment in subsidiaries Other	(48,784) (22,409) (3,525)	(33,221) (8,887) (422)
Total liabilities	(74,718)	(42,530)
Valuation allowance	(227,358)	(438,771)
Net deferred income tax assets	\$ -	\$ -

As of December 31, 2023 and 2022, the deferred income tax benefits were recorded net of a valuation allowance of \$227,358 and \$438,771, respectively, primarily due to net operating loss carryforwards available related to its for-profit subsidiaries, which expire between 2021 and 2037. A valuation allowance was provided because it is more likely than not that the net operating losses will expire unutilized. During the year ended December 31, 2023, SSMH decreased the valuation allowance by \$211,412 based on 2023 net incomes. During the year ended December 31, 2022, SSMH increased the valuation allowance by \$72,722 based on 2022 net losses.

The provision for federal income taxes incurred is different from that which would be obtained by applying the statutory federal income tax rate of 21% to net income before taxes. The significant items causing this difference are the net income of tax-exempt subsidiaries, changes in valuation allowances on deferred tax assets, and nondeductible compensation.

SSMH files income tax returns in the U.S. federal jurisdiction and in various state jurisdictions. SSMH is no longer subject to U.S. or state income tax examinations by tax authorities for the years before 2017.

Cash Paid for Income Taxes—Cash paid for income taxes totaled \$4,016 and \$7,931 for the years ended December 31, 2023 and 2022, respectively.

#### 20. FUNCTIONAL EXPENSES

SSMH provides general health care services to residents within its geographic locations. Expenses by functional classification for the year ended December 31, 2023, are as follows:

	Health Care Services	General/ Administrative	Pharmacy Benefit Mgmt	Total
Salaries and benefits Medical claims Supplies PBM Supplies Professional fees and other Interest Depreciation and amortization Impairment losses	\$3,523,068 624,843 1,663,771 - 1,327,390 1,697 191,067 33,096	\$ 770,000 - 7,207 - 539,015 86,862 88,089 -	\$ 192,585 - 1,464,877 80,250 (7,889) 9,793	\$ 4,485,653 624,843 1,670,978 1,464,877 1,946,655 80,670 288,949 33,096
	\$7,364,932	\$1,491,173	\$1,739,616	\$10,595,721

Expenses by functional classification for the year ended December 31, 2022, are as follows:

	Health Care Services	General/ Administrative	Pharmacy Benefit Mgmt	Totai
Salaries and benefits Medical claims Supplies PBM Supplies Professional fees and other Interest Depreciation and amortization	\$3,203,375 520,249 1,460,532 - 1,328,999 1,545 207,276	\$ 737,546 - 5,266 - 475,863 77,854 91,572	\$ 140,502 - - 1,222,826 72,042 885 9,793	\$ 4,081,423 520,249 1,465,798 1,222,826 1,876,904 80,284 308,641
·	<u>\$6,721,976</u>	\$1,388,101	<u>\$1,446,048</u>	\$ 9,556,125

The financial statements report certain categories of expenses that are attributable to more than one program or supporting function. Therefore, these expenses require allocation on a reasonable basis that is consistently applied. The expenses that are allocated include human resources, finance, treasury, legal, technology services and other functions. These expenses are allocated to healthcare services and general and administrative services based on the functional department for which they are incurred. Departmental expenses may include allocations of costs based on direct assignment, expenses or other methods.

# 21. COMMITMENTS AND CONTINGENT LIABILITIES

SSMH has outstanding letters of credit of \$24,415 and \$20,873 at December 31, 2023 and 2022, respectively. There were no outstanding draws on these letters of credit.

As of December 31, 2023, SSMH has entered construction projects for new facilities and capital improvements to existing facilities. As of December 31, 2023, SSMH has unmet commitments of approximately \$140,674, which will be financed with board-designated assets, project funds, or cash generated from operations. As part of acquisition agreements in Wisconsin, SSMH has an outstanding commitment of approximately \$50,000 for strategic and routine capital to be paid through 2028.

SSMH has entered certain other guarantees with outside entities to be paid out from 2023 through 2024, which totaled \$15,390 at December 31, 2023.

During a periodic cost report audit performed by the Medicare Administrative Contractor (MAC) in Oklahoma, the MAC identified potential issues with the calculation of the disproportionate share hospital (DSH) payments paid to SSMH's Oklahoma facility (the Hospital). In 2013, the CMS rendered a ruling for full repayment of the DSH payments attributable to the adolescent psychiatric program for the year ended December 31, 2006. As of December 31, 2023 and 2022, \$28,300 and \$28,300, respectively, was included in estimated third-party payor settlements payables other on the consolidated balance sheets related to this ruling. SSMH appealed to the Provider Reimbursement Review Board (PRRB). In January 2018, PRRB ruled in favor of the Hospital for the 2006 DSH settlement, which was remanded back to the PRRB for further review. In 2022, the final PRRB determination was not ruled in favor of the Hospital. SSMH is continuing the litigation process.

See Notes 8—Fair Value Measurements, 13—Debt and Finance Lease Obligations, and 16—Leases for additional information regarding commitments.

Outside of the matters described above, SSMH is involved in litigation and regulatory investigations arising in the normal course of business. After consultation with legal counsel, it is management's opinion that these matters will be resolved without a material adverse effect on SSMH's consolidated financial position or consolidated results of operations.

# 22. FINANCIAL ASSETS AND LIQUIDITY RESOURCES

As of December 31, 2023, financial assets and liquidity resources available within one year for general expenditure, such as operating expenses, scheduled principal payments on debt and capital expenditures not financed with debt were as follows:

F	in	an	cia	l assets:

Liquidity resources:  Unused commercial paper  Unused line of credit  Total financial assets and liquidity resources available within	Cash and cash equivalents Investments Patient accounts receivable Pharmacy claims and rebates receivable Other receivables Assets limited as to use Total financial assets	\$ 640,816 20,479 934,411 1,196,998 125,745 3,153,904 6,072,353
	Liquidity resources: Unused commercial paper Unused line of credit	 225,000 802,590 7,099,943

SSMH considers board designated assets limited as to use to be available within one year for general expenditure except for those assets designated for pharmacy benefit claims, long-term employee benefit plans and board designated endowments.

SSMH utilizes an internally managed investment fund to meet cash needs for general expenditures of the organization. On a daily basis, either (i) excess funds generated from SSMH's operations are transferred to the internally managed investment fund, or (ii) liquidity needs for general expenditures

are sourced from the investment fund. The level of cash kept in the fund is based on management's determination of future working capital needs, debt service requirements, fixed capital needs, and other cash outflows of the organization.

On a quarterly basis, SSMH calculates the amount of its cash and investments that are available within certain time frames. As of December 31, 2023, the majority of SSMH's cash and short-term investments was available in three days or less. Of the remainder availability to receive proceeds ranges from one month or less to a year.

#### 23. SUBSEQUENT EVENTS

For the year ended December 31, 2023, SSMH has evaluated subsequent events for potential recognition and disclosure through March 20, 2024, the date the financial statements were issued, noting no such events occurred.

\* \* \* \* \*



# Certificate of Need Program

# **SERVICE-SPECIFIC REVENUES AND EXPENSES**

Project Title: SSM Health St. Mary's - St. Louis CC. Project #: 6179 HT

# Historical Financial Data for Latest Three Full Years plus Projections Through Three Full Years Beyond Project Completion

Use an individual form for each affected service with a sufficient number of copies of this form to cover entire period,	2005	Year	2027
and fill in the years in the appropriate blanks.	2025	2026	2027
Amount of Utilization:*	2,158	2,201	2,245
Revenue:			
Average Charge**	\$50,413	\$51,547	\$52,707
Gross Revenue	\$108,791,254	\$113,454,947	\$118,327,215
Revenue Deductions	80,292,706	83,734,844	87,330,500
Operating Revenue	28,498,548	29,720,103	30,996,715
Other Revenue	0	0	0
TOTAL REVENUE	\$28,498,548	\$29,720,103	\$30,996,715
Expenses:			
Direct Expenses			
Salaries	11,161,372	11,839,123	12,558,830
Fees	0	0	0
Supplies	9,095,655	9,647,969	10,234,475
Other	5,228,992	5,546,511	5,883,687
TOTAL DIRECT	\$25,486,019	\$27,033,603	\$28,676,992
Indirect Expenses			
Depreciation	348,562	348,562	348,562
Interest***	0	0	0
Rent/Lease	0	0	0
Overhead****	6,062,378	6,430,503	6,821,417
TOTAL INDIRECT	\$6,410,940	\$6,779,065	\$7,169,979
TOTAL EXPENSES	\$31,896,959	\$33,812,668	\$35,846,971
NET INCOME (LOSS):	-\$3,398,411	-\$4,092,565	-\$4,850,256

<sup>\*</sup>Utilization will be measured in "patient days" for licensed beds, "procedures" for equipment, or other appropriate units of measure specific to the service affected.

<sup>\*\*</sup>Indicate how the average charge/procedure was calculated.

<sup>\*\*\*</sup>Only on long term debt, not construction.

<sup>\*\*\*\*</sup>Indicate how overhead was calculated.