TIME CRITICAL DIAGNOSIS

10th ANNIVERSARY IMPACT REPORT



Time Critical Diagnosis Unit

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Time Critical Diagnosis (TCD) System...

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is a voluntary statewide program established to coordinate care for select medical conditions where time-to-treatment is a critical component of recovery. Joint efforts to optimize pre-hospital and hospital services contribute to the goal to transport the patient to the hospital that has the necessary resources, capability, and capacity to provide high quality and timely care.

TCD has officially been in existence since 2008 when Gov. Matt Blunt signed legislation into law making it a program under the Department of Health and Senior Services (DHSS).

However, its roots go much deeper than that as trauma services organized back in the 1990s. Missouri has the distinction of being the first state in the nation to implement and fund a statewide system of care. Many states across the U.S. followed Missouri's example and established programs of their own. Additionally, several national accreditation organizations also developed TCD programs.



State of the Time Critical Diagnosis Unit...

is strong. This widely supported program, which began as a trauma system of care, has grown to include stroke and STEMI systems of care. As of December 2023, there are 29 trauma programs, 68 stroke programs and 59 STEMI centers that have achieved designation. Thousands of patients have received treatment under the program and returned to home and work, continuing as productive members of their communities. TCD has made significant strides since its inception back in 2008. Looking to the future, the program will be working in tandem with the Time Critical Diagnosis Advisory Committee (TDAC) on a variety of issues, strengthening efforts to make Missouri's program among the best in the nation.



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Designated Centers by Region

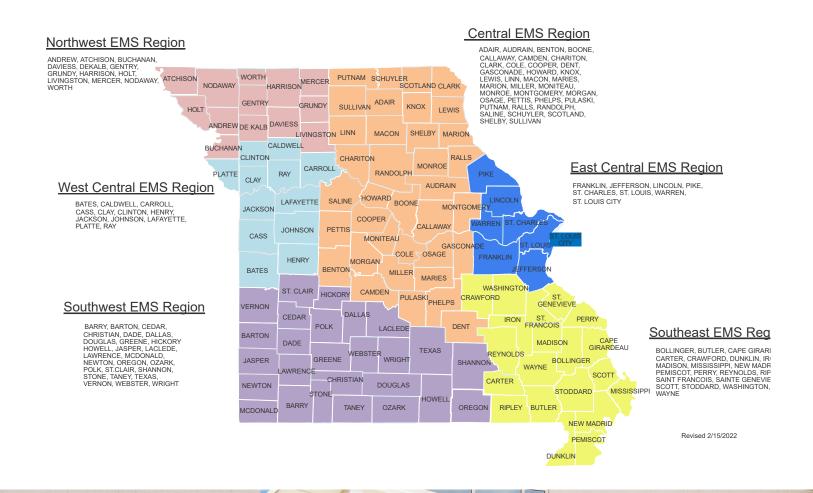
Region	Trauma	Stroke	STEMI
Central	Level I-1 Level II-0 Level III-2	Level I-2 Level II-3 Level III-5 Level IV-1	Level I-2 Level II-3 Level III-5 Level IV-1
East Central (st. Louis)	Level I-5 Level II-1 Level III-2	Level I-6 Level II-8 Level III-4 Level IV-0	Level I-7 Level II-9 Level III-0 Level IV-0
Southeast	Level I-0 Level II-0 Level III-1	Level I-0 Level II-4 Level III-6 Level IV-0	Level I-1 Level II-2 Level III-2 Level IV-1
Southwest	Level I-2 Level II-2 Level III-1	Level I-1 Level II-4 Level III-6 Level IV-0	Level I-3 Level II-4 Level III-1 Level IV-1
Kansas City	Level I-4 Level II-3 Level III-3	Level I-2 Level II-5 Level III-5 Level IV-1	Level I-3 Level II-8 Level III-2 Level IV-1
Northwest	Level I-0 Level II-1 Level III-0	Level I-0 Level II-1 Level III-7 Level IV-0	Level I-0 Level II-1 Level III-1 Level IV-1

*as of December 2023



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Missouri EMS Regions





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Unintentional injury is the 4th leading cause of death in Missouri. It is the most frequent cause of Visits to the emergency room.

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STRATEGIC PLAN

TCD Priorities

- Ensuring Missourians are receiving timely care at the right place, the first time.
- Linking EMS data to outcomes to improve the quality of care.
- Providing a platform for systems of care to collaborate and expand services.
- Strengthening the trauma, stroke, and STEMI systems of care to provide, establish, and share best practices.
- Improving outcomes for these time critical diagnoses through continual performance improvement.

INVEST IN INNOVATION TO MODERNIZE INFRASTRUCTURE

- Developed a public portal/database for stakeholders to facilitate access to latest TCD information and to share <u>resources</u>.
- Created an electronic application process with workflow solutions to streamline communication and organization, while simultaneously supporting a paperless process.
- Developed and implemented a virtual/ hybrid survey process to address limitations due to the pandemic and preserve human and financial resources.
- Expanding ImageTrend software to add an Inspection Module to be able to document hospital survey inspections electronically in realtime.

RE-ENVISION AND STRENGTHEN THE WORKFORCE

- TCD Coordinators and administrator strive for excellence pursuing Lean Six Sigma (LSS) Green Belt and leadership training.
- Continued education with ImageTrend and identification of the role of Data Analyst to support the goal of integration of pre-hospital care and hospital outcomes.
- Implementation of virtual surveys helped to decrease the burden of contracted physician reviewer's traveling. This helps ensure that there are sufficient contracted surveyors available to participate in surveys.
- TCD nurses achieved Disaster Management and Emergency Preparedness (DMEP) certification to encourage Healthcare Coalition partnership.

TCD Wins

- Saved DHSS over \$60,000 in travel expenses through the development of a Virtual/Hybrid survey.
- Secured funding to expand ImageTrend software to provide usable data to stakeholders-Continuum.
- Additional FTE added to support the growing program needs for ASA and RN. Posted on Indeed.

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STRATEGIC PLAN

Employee Opportunities

- Internship approval to support our growing services and needs.
- Addition of a TCD coordinator and Administrative Assistant in the past year.

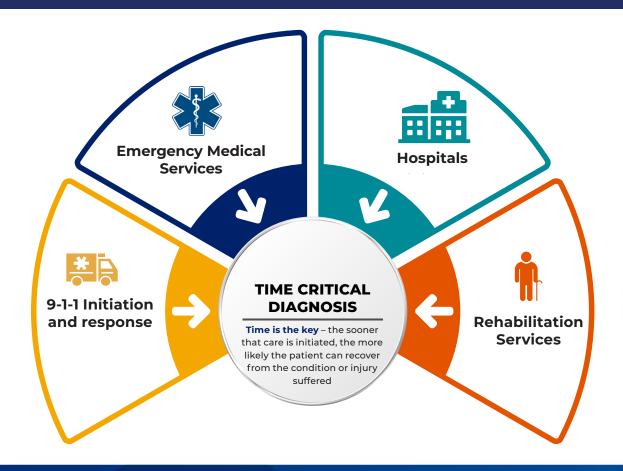


BUILD AND STRENGTHEN PARTNERSHIPS

- Support our TCD programs by attending state and regional events to engage stakeholders and improve systems of care.
- Utilize the TCD public portal as a platform to share upcoming educational opportunities, events and resources with partners and stakeholders.
- Collaborate with various Department of Community and Public Health (DCPH) groups (Million Hearts, Emergency Management) with similar missions to assess the possibility of including our designated centers to help align goals and improve the standard of care for all Missourians. We continue to seek collaborative opportunities with our State of Missouri partners, our stakeholders and the Missourians we serve.
- Recognize the changing landscape of health care post-COVID to better provide regulatory guidance, mentorship of new program managers, and promote statewide resource sharing.
- Partner with Missouri Department of Transportation (MODOT) to develop a better understanding of how legislation effects the mortality of Missourians. One example of a joint effort was the Helmet legislation poster project titled: <u>"Impact of Helmet Law Repeal on</u> <u>Motorcycle Crash Incidents Attended by EMS in</u> <u>Missouri."</u>
- Partner with trauma centers to promote data driven educational programs to address the #1 Trauma injury - Falls, to improve outcomes for our aging community.

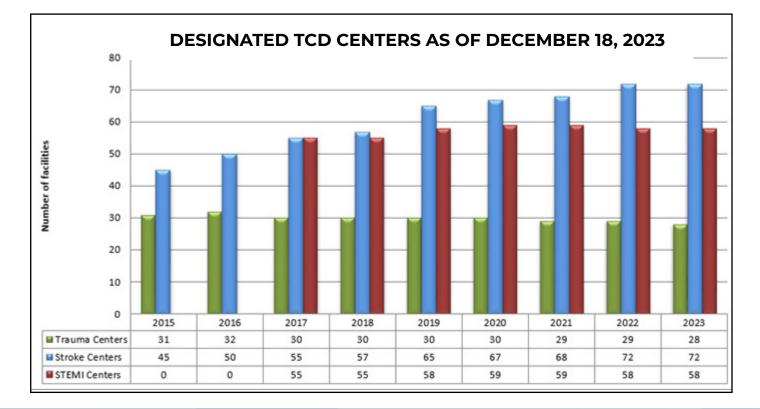
TIME CRITICAL DIAGNOSIS SYSTEM

- The Time Critical Diagnosis System is a means to organize care for three major classifications of medical conditions: Trauma, STEMI and Stroke. For each of these conditions, there are four major components of the TCD System: 9-1-1 initiation and response, Emergency Medical Services (EMS), Hospitals and Rehabilitation services.
- The patient's first encounter with the TCD System is with 9-1-1 and EMS, which is responsible for evaluating the patient based on their signs and symptoms, and then ensuring the patient is rapidly transported to the closest designated and appropriate hospital that can provide the level of care needed for the patient's medical condition.
- EMS determines whether the patient will be transported by air ambulance or ground ambulance. They are also primarily responsible for determining which facility to transport the patient, which is driven by their regional or state TCD transport protocols.
- Hospitals are responsible for quickly evaluating the patient, determining what resources are needed based on the patient's condition or injury, and then initiating the appropriate care necessary. Careful review of each case to evaluate the quality of care provided and feedback to EMS help to improve and enhance pre-hospital response.
- Rehabilitation services are tailored to ensure an optimal recovery. Patient outcomes provide hospitals with opportunities to guide performance improvement. Program Managers coordinate and facilitate public education/prevention programs, and injury/ illness prevention tailored to suit the communities they serve.



TIME CRITICAL DIAGNOSIS PROGRAMS





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Trauma

Trauma is a severe physical injury caused by an external source. Traumatic injuries can be caused by something as simple as a fall, or as highly complex such as a motor vehicle crash. It is the most frequent cause of visits to the emergency department, causing more than half a million visits annually. Trauma is the leading cause of death in ages 1-44 and is the fourth leading cause of death overall in Missouri. This does not include intentional injuries from homicide, suicide, etc.

- Injuries account for the second highest total for inpatient hospital charges \$2 billion in 2006.
- Compared to the entire United States, Missouri has lower rates of emergency department visits for all three major categories of injuries accidental, assault and self- inflicted. Unfortunately, Missouri has death rates from injuries exceeding the national rates for accidental injuries, suicides, falls and motor vehicle injuries.
- It is also noteworthy that Missouri's death rates for unintentional injuries have increased 25% between 1991 and 2006. Even more alarming, our death rates for unintentional fall injuries have increased 73%.
- There are gaps for timely access to a trauma center, particularly in rural areas of Missouri.
- Missouri has 29 designated trauma centers that are integrated into the continuum of care, including prevention and rehabilitation, and operate as part of a network of trauma receiving hospitals.

Trauma Designation Levels

- Trauma Level I Adult and Pediatric These comprehensive centers include 24-hour in-house coverage by general surgeons, and prompt availability of care in specialties such as orthopedic surgery, neurosurgery, anesthesiology, emergency medicine, radiology, internal medicine and critical care. Other capabilities include cardiac, hand, pediatric, microvascular surgery and hemodialysis. The Level I Trauma Center provides leadership in prevention, public education and continuing education of the trauma team members. The Level I Trauma Center is committed to continued improvement through a comprehensive quality assessment program and an organized research effort to help direct new innovations in trauma care.
- **Trauma Level II** Key elements of a Level II Trauma Center include 24-hour immediate coverage y general surgeons, as well as coverage by the specialties of orthopedic surgery, neurosurgery, anesthesiology, emergency medicine, radiology and critical care. Tertiary care needs such as cardiac surgery, hemodialysis and microvascular surgery may be referred to a Level I Trauma Center. The Level II Trauma Center is committed to trauma prevention and to continuing education of the trauma team members. The Level II Trauma Center is dedicated to continued improvement in trauma care through a comprehensive quality assessment program.
- Trauma Level III Primarily in surban and rural areas, a Level III Trauma Center includes 24-hour immediate coverage by emergency medicine physicians and the prompt availability of general surgeons and anesthesiologists. The Level III program is dedicated to continued improvement in trauma care through a comprehensive quality assessment program. These trauma centers have developed transfer agreements for patients requiring more comprehensive care at a Level I or Level II Trauma Center. Level III Trauma Centers are committed to the continued education of the nursing and allied health personnel or the trauma team. It must be involved with prevention and must have an active outreach program for its referring communities. The Level III Trauma Center is also dedicated to improving trauma care through a comprehensive quality assessment program.

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Missouri Designated Trauma Centers

Certification Level Name: Trauma Level I	Service City	
Barnes Jewish Hospital	Saint Louis	
Children's Mercy Hospital	Kansas City	
Cox Medical Centers South Hospital	Springfield	
Mercy Hospital Springfileld	Springfield	
Mercy Hospital St. Louis	Saint Louis (County)	
Research Medical Center	Kansas City	
Saint Luke's Hospital of Kansas City	Kansas City	
SSM Health Cardinal Glennon Children's Hospital	Saint Louis	
SSM Health Saint Louis University Hospital	Saint Louis	
St. Louis Children's Hospital	St. Louis	
University Health Truman Medical Center	Kansas City	
University of Missouri Health Care	Columbia	
Certification Level Name: Trau	ıma Level II	
Centerpoint Medical Center	Independence	
Freeman Health System - West	Joplin	
Liberty Hospital	Liberty	
Mercy Hospital Joplin	Joplin	
Mercy Hospital South	Saint Louis (County)	
Mosaic Life Care at St. Joseph	Saint Joseph	
North Kansas City Hospital	North Kansas City	
Certification Level Name: Trau	ma Level III	
Belton Regional Medical Center	Belton	
Cass Regional Medical Center	Harrisonville	
Citizens Memorial Hospital	Bolivar	
Lake Regional Health System	Osage Beach	
Mercy Hospital Washington	Washington	
Northeast Regional Medical Center	Kirksville	
Saint Francis Medical Center	Cape Girardeau	
SSM Health St. Joseph Hospital - Lake St. Louis	Lake St. Louis	
Western Missouri Medical Center	Warrensburg	

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Every Minute Counts!

Estimated Pace of Neurological Loss Typical Large-Vessel Acute Ischemic Stroke

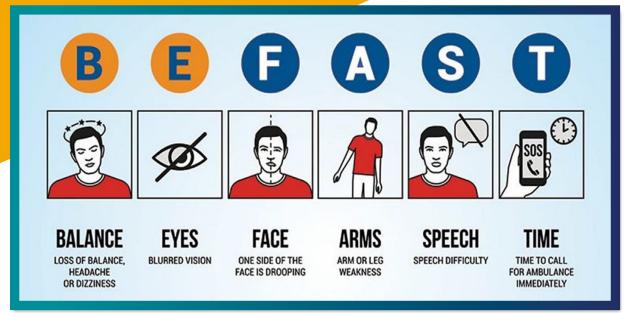
Neurons	Accelerated Aging
32,000	8.7 hours
1.9 million	3.1 weeks
120 million	3.6 years
1.2 billion	36 years
	32,000 1.9 million 120 million

Time = Brain

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- Rapid intervention is crucial in the treatment of acute ischemic stroke Permanent neurological
- damage is more like to occur the longer a stroke goes without medical attention



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Stroke

Stroke is a medical condition in which blood flow to the brain is interrupted or decreased, causing cell injury or death. The two main types of strokes are ischemic, which is due to a lack of blood flow, or hemorrhagic, which is bleeding inside the skull.

Stroke Designation Levels

- Stroke Level I A comprehensive receiving center with the capability, capacity, and resources necessary to care for every aspect of stroke care. Level I designated facilities provide 24/7 Neurosurgical coverage immediately available and function as a primary resource center for the hospitals within the region providing telemedicine and phone consultation by Neurology with expedited transfer processes for referring centers. Level I Stroke centers are committed to the statewide system of stroke care providing education, outreach, and community resources promoting stroke prevention and awareness. These centers participate in multicenter studies and conduct research to provide advanced evidence-based stroke care.
- **Stroke Level II** A primary receiving center capability, capacity and resources necessary to care for most aspects of stroke care. Level II centers are vital to our rural communities as they are, at times, the closest center to provide time critical stroke care. Patients requiring additional resources have the benefit of expedited transfer from these facilities to a higher level of care.
- Stroke Level III Typically serving suburban and rural communities, Level III Stroke Centers are vital in the care of stroke patients. Through formal agreements with level I and Level II centers to provide Neurology assessment, these centers commit staff and resources to the prompt recognition of stroke symptoms, timely diagnostic imaging, brain preserving lytic therapy, and a rapid transfer process to expedite care to a Level I or Level II receiving center.
- **Stroke Level IV** Serving rural and critical access areas, a Level IV stroke center is committed to prompt assessment, indicated resuscitation appropriate emergency intervention, and has a plan to expedite transfer to a higher level of stroke care.



Missouri Designated Stroke Centers

Service Name	Service City
Certification Level Name: Stre	oke Level I
Barnes Jewish Hospital	Saint Louis
Boone Hospital Center	Columbia
Cox Medical Centers South Hospital	Springfield
Mercy Hospital Springfield	Springfield
Mercy Hospital St. Louis	Saint Louis (County)
Research Medical Center	Kansas City
Saint Luke's Hospital of Kansas City	Kansas City
SSM Health DePaul Hospital	Bridgeton
SSM Health Saint Louis University Hospital	Saint Louis
SSM Health St. Clare Hospital - Fenton	Fenton
University of Missouri Health Care	Columbia
Certification Level Name: Sto	ke Level II
Barnes-Jewish St. Peters Hospital	Saint Peters
Capital Region Medical Center	Jefferson City
Centerpoint Medical Center	Independence
Christian Hospital Northeast - Northwest	St. Louis
Freeman Health Systems - West	Joplin
Lake Regional Health System	Osage Beach
Lee's Summit Medical Center	Lees Summit
Liberty Hospital	Liberty
Mercy Hospital Joplin	Joplin
Mercy Hospital Southeast	Cape Girardeau
Mercy Hospital Springfield	Springfield
Missouri Baptist Medical Center	Town and Country
Mosaic Life Care at St. Joseph	Saint Joseph
North Kansas City Hospital	North Kansas City
Ozarks Healthcare	West Plains
Parkland Health Center - Farmington	Farmington
Poplar Bluff Regional Medical Center	Poplar Bluff
Progress West Hospital	O'Fallon
Saint Francis Medical Center	Cape Girardeau
Saint Luke's East Hospital - Lee's Summit	Lee's Summit
Saint Luke's North Hospital	Kansas City
SSM Health St. Joseph Hospital - Lake St. Louis	Lake St. Louis
SSM Health St. Joseph Hospital - St. Charles	Saint Charles

Missouri Designated Stroke Centers continued

SSM Health St. Mary's Hospital - Jefferson City	Jefferson City	
SSM Health St. Mary's Hospital - St. Louis	Richmond Heights	
St. Joseph Medical Center	Kansas City	
St. Lukes Hospital	Chesterfield	
St. Mary's Medical Center	Blue Springs	
Certification Level Name: Stro	ke Level III	
Belton Regional Medical Center	Belton	
Bothwell Regional Health Center	Sedalia	
Cameron Regional Medical Center	Harrisonville	
Cedar County Memorial Hospital	El Dorado Springs	
Citizens Memorial Hospital	Bolivar	
Cox Barton County Hospital	Lamar	
Hannibal Regional Hospital	Hannibal	
Harrison County Community Hospital	Bethany	
Hedrick Medical Center	Chillicothe	
Lafayette Regional Health Center	Lexington	
Mercy Hospital Jefferson	Crystal City	
Mercy Hospital Lincoln	Troy	
Mercy Hospital Perry	Perryville	
Mercy Hospital Washington	Washington	
Missouri Baptist Sullivan Hospital	Sullivan	
Moberly Regional Medical Center	Moberly	
Mosaic Medical Center - Albany	Albany	
Mosaic Medical Center - Maryville	Maryville	
Northeast Regional Medical Center	Kirksville	
Phelps Health	Rolla	
Pike County Memorial Hospital	Louisiana	
Ste. Genevieve County Memorial Hospital	Ste. Genevieve	
Texas County Memorial Hospital	Houston	
Western Missouri Medical Center	Warrensburg	
Wright Memorial Hospital	Trenton	
Certification Level Name: Stroke Level IV		
Carroll County Memorial Hospital	Carrollton	
Salem Memorial District Hospital	Salem	
Washington County Memorial Hospital	Potosi	

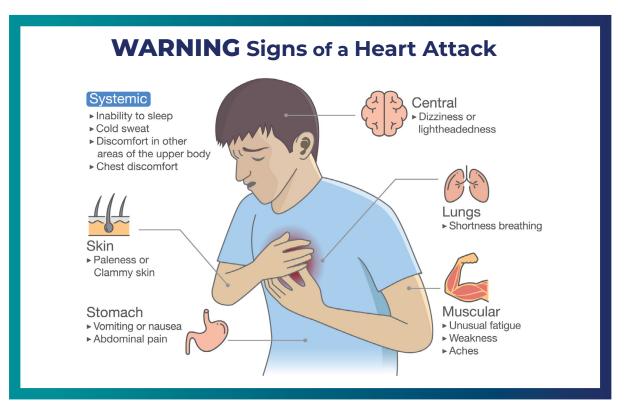
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STEMI

ST-elevation myocardial infarction is a type of heart attack (myocardial infarction) for which the electrocardiogram (EKG) shows ST- segment elevation usually in association with an acutely blocked coronary artery. A STEMI is one type of heart attack that is a potentially lethal condition for which specific therapies, administered rapidly, can reduce mortality and disability. The more time that passes before blood flow is restored, the more damage is done to the heart muscle.

STEMI Designation Levels

- **STEMI Level I** A Comprehensive cardiac center with the capability, capacity, and resources to provide the full spectrum of STEMI and Cardiac center care. Serving the region as a receiving center, It functions as a resource center for surrounding hospitals providing 24/7 PCI and Cardiothoracic surgical services. These centers participate in multicenter studies and conduct research to provide the most innovative, evidence based cardiovascular care.
- **STEMI Level II** A primary cardiac center with capability to provide Initial cardiac intervention through PCI and either have Cardiac surgical services available or a formal agreement with a Level I STEMI center to provide expedited transfer for surgical services.
- **STEMI Level III** Serves the suburban or rural community primarily as a referral center that provides prompt assessment, indicated resuscitation, appropriate emergency intervention, and arranges and expedites transfer to a to a Level I or Level II center, if needed.
- **STEMI Level IV** A referral center in an area considered rural or where there are insufficient hospital resources to serve the patient population requiring STEMI care. The Level IV STEMI center provides prompt assessment, indicated resuscitation, appropriate emergency intervention, and arranges and expedites transfer to a higher-level STEMI center as needed.



Missouri Designated StEMI Centers

Service Name	Service City	
Certification Level Name STE	MI Level I	
Barnes Jewish Hospital	Saint Louis	
Boone Hospital Center	Columbia	
Cox Medical Centers South Hospital	Springfield	
Freeman Health System - West	Joplin	
Mercy Hospital South	Saint Louis	
Mercy Hospital Springfield	Springfield	
Mercy Hospital St. Louis	Saint Louis	
Missouri Baptist Medical Center	Saint Louis	
North Kansas City Hospital	North Kansas City	
Research Medical Center	Kansas City	
Saint Luke's Hospital of Kansas City	Kansas City	
SSM Health Saint Louis University Hospital	Saint Louis	
St. Luke's Hosptital	Kansas City	
University of Missouri Health Care	Columbia	
Certification Level Name: STE	MI Level II	
Barnes-Jewish St. Peters Hospital	Saint Peters	
Capital Region Medical Center	Jefferson City	
Centerpoint Medical Center	Independence	
Christian Hospital Northeast - Northwest	St. Louis	
Cox Medical Center Branson	Branson	
Lake Regional Healthy System	Osage Beach	
Lee's Summit Medical Center	Lees Summit	
Libberty Hospital	Liberty	
Mercy Hospital Jefferson	Festus	
Mercy Hospital Joplin	Joplin	
Mercy Hospital Southeast	Cape Girardeau	
Mercy Hospital Washington	Washington	
Mosaic Life Care at St. Joseph	Saint Joseph	
Ozarks Healthcare	West Plains	
Poplar Bluff Regional Medical Center	Poplar Bluff	
Progress West Hospital	O'Fallon	



Missouri Designated StEMI Centers

Service Name	Service City	
Certification Level Name: STEMI Level II		
Saint Francis Medical Center	Cape Girardeau	
Saint Luke's East Hospital	Lee's Summit	
Saint Luke's North Hospital	Kansas City	
SSM Health St. Joseph Hospital - Lake St. Louis	Lake St. Louis	
SSM Health St. Joseph Hospital - St. Charles	Saint Charles	
SSM Health Depaul Hospital - St. Louis	Bridgeton	
SSM Health St. Clare Hospital - Fenton	Fenton	
SSM Health St. Joseph Hospital - Lake Saint Louis	Lake Saint Louis	
SSM Health St. Joseph Hospital - St. Charles	St. Charles	
SSM Health St. Mary's Hospital - Jefferson City	Jefferson City	
St. Joseph Medical Center	Kansas City	
St. Mary's Medical Center	Blue Springs	
University Health Truman Medical Center	Kansas City	
Certification Level Name: STE	MI Level III	
Bothwell Regional Health Center	Sedalia	
Cox Monett Hospital	Monett	
Hannibal Regional Hospital	Hannibal	
Lafayette Regional Health Center	Lexington	
Northeast Regional Medical Center	Kirksville	
Parkland Health Center Farmington	Farmington	
Phelps Halth	Rolla	
SSM Health St. Mary's Hospital - St. Louis	Saint Louis	
Western Missouri Medical Center	Warrensburg	
Wright Memorial Hospital	Trenton	
Certification Level Name: STEMI Level IV		
Carroll County Memorial Hospital	Carrollton	
Hedrick Medical Center	Chillicothe	
Salem Memorial District Hospital	Salem	
Ste. Genevieve County Memorial Hospital	St. Genevieve	
Texas CountyMemorial Hospital	Houston	

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2023 CHALLENGES FOR TCD CENTERS

During the pandemic, on-site surveys were suspended by a waiver signed by Governor Mike Parson. On January 1, 2022, the waiver was lifted. TCD staff developed a Virtual/Hybrid survey process to not only efficiently manage the survey backlog, but to ensure the safety of the contracted physician and nurse reviewers who serve as valuable team members for their own TCD programs.

Deficiencies cited during surveys trended toward and overall lack of administrative commitment to the program and lack of resources to maintain the level of care that was present pre-pandemic. Some of those challenges include:

- Program Manager position turnover.
- Decline in specialty services (trauma surgeons, interventional cardiologists, neurologists, etc.)

As a result:

- Many programs were abandoned during the pandemic, and some were just rebuilding during their survey.
- Facilities are seeing more deficiencies.
- Some facilities have voluntarily dropped to a lower level until they can rebuild their programs.

Survey Outcomes			
	2022	2023	
Total Surveys	45	56	
Deficiencies adjudicated	351	335	
Deficiencies adjudicated	304	170*	
Revoked Designations	0	0	
Voluntarily lowered due to loss of resources	8	0	
Voluntarily relinquished their designation due to lack of resources	١	1	

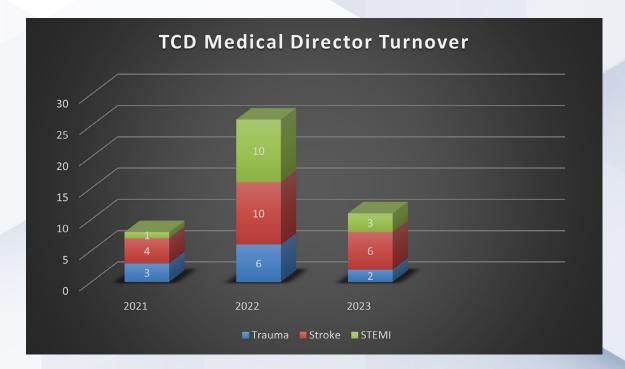
*pending reports not included in this number

TOP 3 DEFICIENCIES DEFICIENCY **EVIDENCE** The Trauma/Stroke/STEMI center board of directors, administration, medical staff, This Deficiency was given for various reasons and nursing staff shall demonstrate a to include: commitment to quality Trauma/ Stroke/ STEMI care. Methods of demonstrating, Administrative Commitment to this commitment shall include, but not necessary resources (ie. Specialty be limited to, a board resolution that the physicians, not replacing retired staff, hospital governing body agrees to: or sharing one physician who is the primary coverage with several centers in • Establish policies and procedures for a corporate structured system leading the maintenance of services essential to inappropriate transfers and lack for a TCD center. of resources at the other designated centers) • Assures that all TCD patients will receive medical care at the level of the • Administration committing staff to hospital's designation. additional roles in the facility and not allowing the time commitment to the • Commit the hospital's financial, human Trauma/Stroke/STEMI pro-gram. and physical resources as needed for the TCD program. • Not having the required staff/physicians/ surgeons/specialists in place to address • Establish a priority admission for the the needs of the program. TCD patient to the full services of the hospital. Many programs stopped having meetings during covid and the meetings The Trauma/Stroke/STEMI center shall were not resumed. maintain an ongoing performance improvement and patient safety program • Staff turnover in Program Manager designed to monitor, review and evaluate positions created confusion and overall the quality, timeliness and appropriateness knowledge deficit regarding the role and of patient care, to resolve problems and regulations. to improve patient care objectively and • This is an important component of the systematically. systems of care which impacted quality, timeliness and patient outcomes. • Many programs stopped having meetings during COVID and the meetings were not resumed. The Trauma/Stroke/STEMI center shall have • Staff turnover in the Program turnover in a peer review system and multidisciplinary the Program Manager positions created team to review program processes and confusion and overall knowledge deficit review cases respective of the center's regarding the role and the regulations. designation. • This is an important component of the systems of care which impacted quality, timelinessand patient outcomes

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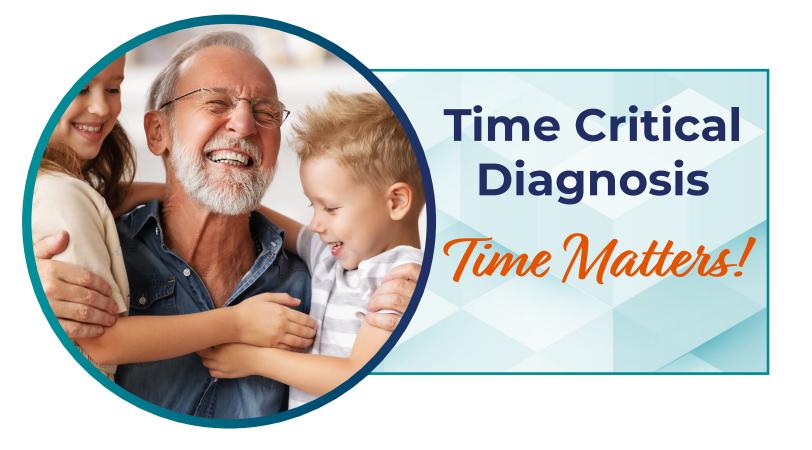
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FUTURE OF TIME CRITICAL DIAGNOSIS

The TCD program has a very aggressive plan for 2024. Some of the current projects include:

- Update to the DHSS TCD website with individual resource sections for each designation.
- Continuing the hybrid survey process with our contracted review teams, which will preserve taxpayer dollars that can be used to expand services and improve systems of care without losing the collegial relationships that have been developed between TDC review teams and designated centers.
- Working closely with the TCD advisory Committee to improve care. We are fortunate to have a distinguished group of subject matter experts who share the vision and mission to advance care and improve outcomes for all Missourians.
- Strengthen our systems of care through mentorship programs and shared resources.
- For additional information about TCD, visit our public portal.

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VISION:

Optimal health and safety for all Missourians, in all communities, for life.

MISSION:

To promote health and safety through prevention, collaboration, education, innovation and response.

Time Critical Diagnosis Unit

Missouri Department of Health and Senior Services 920 Wildwood Jefferson City, MO 65102-0580

> Phone: 573-526-1969 Email: tcd@health.mo.gov

