



Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm

Behavioral:

- E3a - Wandering
- E3c - Physical Abuse
- E3d - Socially Inappropriate / Disruptive
- E3e - Inappropriate Public Sexual Behavior
- E3f - Resists Care
- J3g - Abnormal Thought Process
- J3h - Delusions
- J3i - Hallucinations
- N7b - Mental Condition

If (N7b=1)
OR (E3a =1)
OR (E3c=1)
OR (E3d=1)
OR (E3e=1)
OR (E3f=1)
OR (J3g=1)
OR (J3h=1)
OR (J3i=1)
Then LOC = 3

If (N7b=2 **or** N7b=3)
OR (E3a=2 **or** E3a=3)
OR (E3c=2 **or** E3c=3)
OR (E3d=2 **or** E3d=3)
OR (E3e=2 **or** E3e=3)
OR (E3f=2 **or** E3f=3)
OR (J3g=2 **or** J3g=3 **or** J3g=4)
OR (J3h=2 **or** J3h=3 **or** J3h=4)
OR (J3i=2 **or** J3i=3 **or** J3i=4)
Then LOC = 6

If (N7b=2 **or** N7b=3)
AND
(E3a=3)
OR (E3c=3)
OR (E3d=3)
OR (E3e=3)
OR (E3f=3)
OR (J3g=3 **or** J3g=4)
OR (J3h=3 **or** J3h=4)
OR (J3i=3 **or** J3i=4)
Then LOC = 9



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Cognition:

- C1 - Cognitive Skills
- C2a - Short Term Memory
- C2b - Procedural Memory
- C2c - Situational Memory
- C3c - Mental Function
- D1 - Making Self Understood
- D2 - Ability to Understand Others

If (C1=1 **or** C1=2)
AND
 (C2a=1)
 OR (C2b=1)
 OR (C2c=1)
 OR (C3c=1 **or** C3c=2)
 OR (D1=2 **or** D1=3 **or** D1=4)
 OR (D2=2 **or** D2=3 **or** D2=4)
Then LOC = 3

If (C1=3)
AND
 (C2a=1)
 OR (C2b=1)
 OR (C2c=1)
 OR (C3c=1 **or** C3c=2)
 OR (D1=3)
 OR (D2=3)
Then LOC = 6

If (C1=3)
AND
 (D1=4)
 OR (D2=4)
 OR
 (C1=4)
Then LOC = 9

If (C1=5)
Then LOC = 18 *TRIGGER

Mobility:

- G2f - Locomotion
- G2i - Bed Mobility
- G3a - Primary mode of locomotion



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- If (G2f=3 or G2f=4)
OR
(G2i=3 or G2i=4)
Then LOC = 3
- If (G2f=5)
OR
(G2i=5 or G2i=6)
Then LOC = 6
- If (G3a=3)
OR
(G2f=6)
Then LOC = 18 *TRIGGER

Eating:

- G2j - Eating
K2e - Therapeutic Diet
- If (G2j=1 or G2j=2 or G2j=3)
OR
(K2e=1)
Then LOC = 3
- If (G2j=4)
Then LOC = 6
- If (G2j=5)
Then LOC = 9
- If (G2j=6)
Then LOC = 18 *TRIGGER

Toileting:

- G2g - Transfer Toilet
G2h - Toilet Use
- If (G2g=3 or G2g=4)
OR
(G2h=3 or G2h=4)
Then LOC = 3
- If (G2g=5)
OR



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(G2h=5)
Then LOC = 6

If (G2g=6)
OR
(G2h=6)
Then LOC = 9

Bathing:

G2a - Bathing

If (G2a=3 **or** G2a=4)
Then LOC = 3

If (G2a=5 **or** G2a=6)
Then LOC = 6

Dressing and Grooming:

G2b - Personal Hygiene
G2c - Dressing Upper Body
G2d - Dressing Lower Body

If (G2b=3 **or** G2b=4)
OR
(G2c =3 **or** G2c=4)
OR
(G2d=3 **or** G2d=4)
Then LOC = 3

If (G2b=5 **or** G2b=6)
OR
(G2c=5 **or** G2c=6)
OR
(G2d=5 **or** G2d=6)
Then LOC = 6

Rehabilitation:

N3ea - Physical Therapy
N3fa - Occupational Therapy
N3ga - Speech-Language Pathology and Audiology Services
N3ia - Cardiac Rehabilitation

If (N3ea = 1)
OR



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(N3fa = 1)
OR
(N3ga = 1)
OR
(N3ia = 1)
Then LOC = 3

If (N3ea = 2 **or** N3ea = 3)
OR
(N3fa = 2 **or** N3fa = 3)
OR
(N3ga = 2 **or** N3ga = 3)
OR
(N3ia = 2 **or** N3ia = 3)
Then LOC = 6

If (N3ea = 4 **or** N3ea = 5 **or** N3ea = 6 **or** N3ea = 7)
OR
(N3fa = 4 **or** N3fa = 5 **or** N3fa = 6 **or** N3fa = 7)
OR
(N3ga = 4 **or** N3ga = 5 **or** N3ga = 6 **or** N3ga = 7)
OR
(N3ia = 4 **or** N3ia = 5 **or** N3ia = 6 **or** N3ia = 7)
Then LOC = 9

Treatments:

H1 - Bladder Continence
H2 - Urinary Collection Device
H3 - Bowel Continence
K3 - Mode of Nutrition
L1 - Pressure Ulcer Severity
L3 - Presence of Skin Ulcer
L4 - Major Skin Problems
L5 - Skin Tears or Cuts
N2g - Suctioning
N2h - Tracheostomy Care
N2j - Ventilator or Respirator
N2k - Wound Care

If (H1=1)
OR
(H2=1 **or** H2=2 **or** H2=3)
OR
(H3=1)
OR
(K3=5 **or** K3=6 **or** K3=7 **or** K3=8)



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OR
(N2g=1 or N2g=2 or N2g=3 or N2g=4)
OR
(N2h=1 or N2h=2 or N2h=3 or N2h=4)
OR
(N2j=1 or N2j=2 or N2j=3 or N2j=4)
OR
(N2k=1 or N2k=2 or N2k=3 or N2k=4)
AND
(L1=2 or L1=3 or L1=4 or L1=5 or L1=6)
OR
(L3=1)
OR
(L4=1)
OR
(L5=1)
Then LOC = 6

Medication Management:

G1d - Managing Medications

If (G1d=1 or G1d=2 or G1d=3 or G1d=4)
Then LOC = 3

If (G1d=5 or G1d=6)
Then LOC = 6

Meal Preparation:

G1a - Meal Prep

If (G1a=3 or G1a=4)
Then LOC= 3

If (G1a=5 or G1a=6)
Then LOC = 6

Safety:

Part I – Determine if the individual exhibits any of the following risk factors.

D4 – Vision
J1 – Falls
J3a – Problem frequency to move to standing position
J3b – Problem frequency to turn to face opposite direction
J3c – Problem frequency for dizziness



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J3d – Problem frequency for unsteady gait

If

(D4=3)

OR

(J1=1 or J1=2 or J1=3)

OR

(J3a=2 or J3a=3 or J3a=4)

OR

(J3b=2 or J3b=3 or J3b=4)

OR

(J3c=2 or J3c=3 or J3c=4)

OR

(J3d=2 or J3d=3 or J3d=4)

Then LOC = 3

If (D4=4)

OR (J1=1 or J1=2 or J1=3 or D4=3)

AND

(J3a=2 or J3a=3 or J3a=4)

OR

(J3b=2 or J3b=3 or J3b=4)

OR

(J3c=2 or J3c=3 or J3c=4)

OR

(J3d=2 or J3d=3 or J3d=4)

Then LOC = 6

Part II – After calculating the score in part 1, determine if the individual is age 75 or greater or has been previously institutionalized in the last 5 years in one of the settings outlined below. If so, increase the score as outlined to calculate the final safety score. If they do not have either of the additional risk factors, use the score calculated in part 1.

Previous institutionalizations include:

- B4a - Long Term Care Facility
- B4b - RCF/ALF
- B4c - Mental Health Residence
- B4d - Psychiatric Hospital or Unit
- B4e - Settings for Persons with Intellectual Disability

If Safety Score of 0

AND

Age of 75 or greater

OR

Institutionalization

Then LOC = 3



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- If Safety score of 0
AND
Age of 75 or greater
AND
Institutionalization
Then LOC =6

- If Safety Score of 3
AND
Age of 75 or greater
OR
Institutionalization
Then LOC = 6

- If Safety Score of 3
AND
Age of 75 or greater
AND
Institutionalization
Then LOC = 9

- If Safety score of 6
AND
Institutionalization
Then LOC=9

- If Safety score of 6
AND
Age of 75 or greater
Then LOC=18 * TRIGGER