

2021 Guidelines - eInjury.03

Trauma Triage Criteria (High Risk for Serious Injury)



The American College of Surgeons revised the 2011 Trauma Triage Criteria and established the 2021 National Guidelines for the Field Triage of Injured Patients. To support accurate EMS documentation, Custom Elements compatible with v3.4.0 are available in the [NEMESIS National Custom Element Library](#). Also, v3.5.0 Critical Patch 4 has been released for and is available on the [NEMESIS website](#).

This guide provides an overview of the changes to the National EMS Data Standard. For additional information, please contact your state Office of EMS, your field software vendor, or the NEMESIS Technical Assistance Center at support@nemsis.atlassian.net.

Summary

The 2021 Trauma Triage Criteria national custom elements, remove some existing options, relabel others and adds some new values.

All choices, including existing values within eInjury.03, have been included in the 2021 Trauma Triage Criteria national custom element configuration. If the custom code and NEMESIS existing code are the same, it represents an existing value that is either being kept or relabeled.



2021 Criterion	Custom Code	Action	2011 Code	2011 Label
Amputation proximal to wrist or ankle	2903001	No change	2903001	Amputation proximal to wrist or ankle
Crushed, degloved, mangled, or pulseless extremity	2903003	No change	2903003	Crushed, degloved, mangled, or pulseless extremity
RR < 10 or > 29 breaths/min	2903037	Map to	2903017	Respiratory Rate <10 or >29 breaths per minute (<20 in infants aged <1 year) or need for ventilatory support
Age 0-9 years: SBP < 70mm Hg + (2 x age in years)	2903029	Map to	2903019	Systolic Blood Pressure <90 mmHg
Age 10-64 years: SBP < 90 mmHg	2903031	Map to	2903019	Systolic Blood Pressure <90 mmHg
Age ≥ 65 years: SBP < 110 mmHg	2903027	Map to	2903019	Systolic Blood Pressure <90 mmHg
Respiratory distress or need for respiratory support	2903033	Map to	2903017	Respiratory Rate <10 or >29 breaths per minute (<20 in infants aged <1 year) or need for ventilatory support
Suspected spinal injury with new motor or sensory loss	2903039	Map to	2903011	Paralysis
None Reported	PN=8801015	Map to	NV=7701003	Not Recorded
Active bleeding requiring a tourniquet or wound packing with continuous pressure	2903023	New value		
Age ≥ 10 years: HR > SBP	2903025	New value		
Room-air pulse oximetry < 90%	2903035	New value		
Unable to follow commands (motor GCS < 6)	2903041	New value		
Chest wall instability, deformity, or suspected flail chest	2903005	Update label	2903005	Chest wall instability or deformity (e.g., flail chest)
Penetrating injuries to head, neck, torso, and proximal extremities	2903015	Update label	2903015	All penetrating injuries to head, neck, torso, and extremities proximal to elbow or knee
Skull deformity, suspected skull fracture	2903009	Update label	2903009	Open or depressed skull fracture
Suspected fracture of two or more proximal long bones	2903021	Update label	2903021	Two or more proximal long-bone fractures
Suspected pelvic fracture	2903013	Update label	2903013	Pelvic fractures

2021 Guidelines - eInjury.04

Trauma Triage Criteria (Moderate Risk for Serious Injury)



The American College of Surgeons revised the 2011 Trauma Triage Criteria and established the 2021 National Guidelines for the Field Triage of Injured Patients. To support accurate EMS documentation, Custom Elements compatible with v3.4.0 are available in the [NEMESIS National Custom Element Library](#). Also, v3.5.0 Critical Patch 4 has been released for and is available on the [NEMESIS website](#).

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Summary

The 2021 Trauma Triage Criteria national custom elements, remove some existing options, relabel others and adds some new values.

All choices, including existing values within eInjury.04, have been included in the 2021 Trauma Triage Criteria national custom element configuration. If the custom code and NEMESIS existing code are the same, it represents an existing value that is either being kept or relabeled.



2021 Criterion	Custom Code	Action	2011 Code	2011 Label
Pregnancy > 20 weeks	2904021	No change	2904021	Pregnancy > 20 weeks
Rider separated from transport vehicle with significant impact (eg, motorcycle, ATV, horse, etc.)	2904035	Map to	2904015	Motorcycle Crash > 20 MPH
Special, high-resource healthcare needs	2904037	Map to	2904023	EMS Provider Judgment
Suspicion of child abuse	2904039	Map to	2904023	EMS Provider Judgment
None Reported	PN=8801015	Map to	NV=7701003	Not Recorded
Auto Crash: Child (age 0-9 years) unrestrained or in unsecured child safety seat	2904029	New value		
Fall from height > 10 feet (all ages)	2904031	New value		
Low-level falls in young children (age ≤ 5 years) or older adults (age ≥ 65 years) with significant head impact	2904033	New value		
Anticoagulant use	2904019	Update label	2904019	Anticoagulants and Bleeding Disorders
Auto Crash: Death in passenger compartment	2904007	Update label	2904007	Crash Death in Same Passenger Compartment
Auto Crash: Partial or complete ejection	2904009	Update label	2904009	Crash Ejection (partial or complete) from automobile
Auto Crash: Significant intrusion (including roof): >12 inches occupant site; >18 inches any site; need for extrication	2904011	Update label	2904011	Crash Intrusion, including roof: > 12 in. occupant site; > 18 in. any site
Auto Crash: Vehicle telemetry data consistent with severe injury	2904013	Update label	2904013	Crash Vehicle Telemetry Data (AACN) Consistent with High Risk of Injury
Burns in conjunction with trauma	2904027	Update label	2904027	Burn, with trauma mechanism
Other EMS judgment	2904023	Update label	2904023	EMS Provider Judgment
Pedestrian/bicycle rider thrown, run over, or with significant impact	2904001	Update label	2904001	Auto v. Pedestrian/Bicyclist Thrown, Run Over, or > 20 MPH Impact