

Why is a Field
Triage
Guideline
Necessary?

Right Patient

Right Place

Right Time



Who does this guideline apply to?

- Civilian 9-1-1 EMS Systems
- Not intended for mass casualty incidents
- Not intended to guide in-hospital trauma team responses



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Time for an Update

GUIDELINE

OPEN

National guideline for the field triage of injured patients: Recommendations of the National Expert Panel on Field Triage, 2021

Craig D. Newgard, MD, MPH, FACEP, Peter E. Fischer, MD, Mark Gestring, MD, Holly N. Michaels, MPH, Gregory, J. Jurkovick, MD, FACS, E. Brooke Lerner, PaD, FAEMS, Mary E. Fallat, MD, Theodore R. Delbridge, MD, MPHI, Joshua B. Rown, MD, MSe, FACS, Elien M. Bulger, MD, and the Writing Group for the 2021 National Expert Panel on Field Triage, Paraland, Oregon

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How was the Guideline Updated?

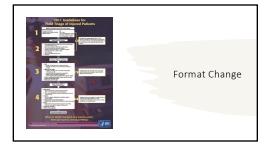
- Interdisciplinary Expert Panel
- Systematic Literature Review

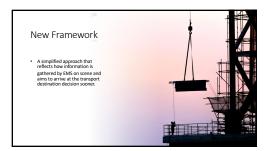


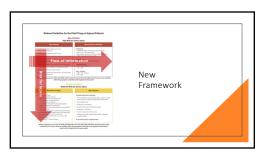


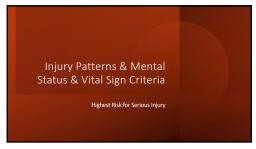
TABLE 1. Statistical Criteria Used to Add and Remove Individual Triage Criteria • To add a new field triage criterion: +LR ≥2 or AUROC ≥ 0.60 Magnitude of predictive utility: ○ Large effect +LR ≥ 10, AUROC ≥0.80 ○ Moderate effect +LR ≥ 30, AUROC 0.7–0.79 ○ Small effect +LR ≥ 4.0LROC 0.6–0.69 • To remove a field triage criterion: a veddence or +LR 1.0–1.5 or AUROC 0.50–0.53 across multiple studies (triage criteria were not removed based on a single study)









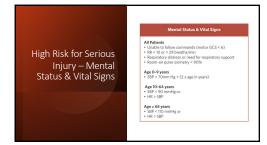






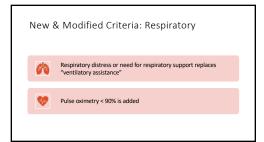
New Criterion

- Active bleeding requiring a tourniquet or wound packing with continuous pressure



M	lodified Criterion: mGCS
1	No motor response
2	Extension to pain (arm abduction, supination of forearm)
3	Abnormal flexion to pain (pronation of forearm, flexor posturing)
4	Withdrawal from pain (pulls away from pain source – pulls hand away when fingernail are pinched)
5	Localizing pain (purposeful movement toward pain – patient holds/touches head with severe headache or pain)
6	Obeys Commands (patient can execute simple commands with ease)

New & Modified Criterion: Circulatory Measures
Shock Index HR > SBP (a shock index of > 1)
 Among out-of-hospital studies, pooled estimates showed a sensitivity of 37%, a specificity of 85%, and an AUROC of 0.72 for identifying seriously injured patients.
Age-adjusted Vital Signs SBP < 70 mm Hg + (2 × age in years) (children 0-9 years)



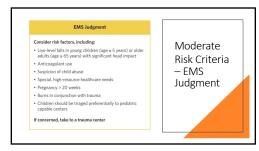






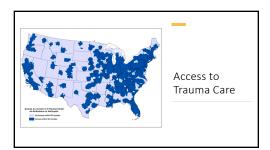






Transport Recommendations

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