

## Trauma resuscitation errors and computer-assisted decision support.

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<https://psnet.ahrq.gov/issue/trauma-resuscitation-errors-and-computer-assisted-decision-support>

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Accurate initial assessment and resuscitation of trauma patients is critical to ensuring correct treatment and survival, and although standardized algorithms have been developed for initial trauma evaluation, errors are [not uncommon](#). This innovative randomized controlled trial implemented a computerized [clinician decision support system](#) (CDSS) to ensure adherence to standardized protocols for trauma resuscitation, and used [video capture](#) of trauma resuscitations to assess the effects of the CDSS on patient outcomes. Use of the CDSS resulted in significantly reduced errors, and also reduced morbidity compared to standard treatment. This study demonstrates the utility of a CDSS in a fast-paced, high-acuity environment.