Identifying Trauma Centre Need (TCN) in adult patients sustaining injury: a narrative review.

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Three-part question:
In [adults sustaining traumatic injury] does [mechanism of injury or anatomical injury or physiological derangement] identify patients requiring [treatment at a major trauma centre]?

Search Outcome:
- 241 articles
- 215 removed Title/Abstract
- 26 articles
- 5 inaccessible as full text
- 21 articles
- 9 non-relevant
- 12 relevant articles

Search Summary:
- Many studies contradictory.
- Varying definitions of TCN between studies.
- Varying statistical methodology between studies.

Clinical Bottom Line:
- Some evidence to support use of anatomical injury, mechanism of injury & physiological parameters in predicting TCN requirement.
- No high quality evidence supporting any variable, either in isolation or combination.
- As an output variable, TCN has not been defined in the UK.

Future Work:
- UK consensus is required to determine what constitutes TCN.
- High quality targeted research required to determine the optimum method of pre-hospital identification of the seriously injured patient.