Simultaneous trauma patients in Emergency Departments: a difference in mortality?  
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Clinical Question
“You are at the scene of a multi-vehicle RTC, you have three trauma patients. Should you take them all to the same centre or split them across centres?”

What is already known on the subject?
• Two single centre studies suggest no difference in patient outcomes.
• No consensus definition.
• No UK studies.

Methods:
• TARN data from Jan 2010-Dec 2015.
• Total number of simultaneous trauma patients in ED at same time.
• Data analysed using Ws statistic.

Conclusion:
• No difference seen in mortality for increasing simultaneous trauma patients.
• 33.7% (66,734 of 207,094) were simultaneous trauma patients.
• Further work needed to understand impact on non-trauma patients.