The NSW Agency for Clinical Innovation (ACI) Institute of Trauma and Injury Management (ITIM), provides state level leadership of trauma care. It does this by:

**CLINICAL SUPPORT AND REVIEW**
State level monitoring to assist health care providers and consumers to improve the quality, effectiveness and efficiency of the NSW trauma system.

**DATA COLLECTION AND ANALYSIS**
Managing the collection of data about moderately to critically injured people admitted to trauma services in NSW.

**RESEARCH**
Continually reduce patient morbidity and mortality together with improving the trauma system, making trauma care more efficient and cost effective.

**EDUCATION**
Coordination and support of multidisciplinary trauma education in NSW while creating education packages for trauma specialists in NSW, Australia and around the world.

**HEALTHCARE INNOVATIONS**
Developing and managing a range of evidence based healthcare innovations in support of the NSW Trauma system.

Search ACI ITIM or visit www.aci.health.nsw.gov.au/networks/itim

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1 Approved access to NSW Trauma Registry, 2010–2014 MDS, NSW ITIM/ACI.

The NSW Institute of Trauma and Injury Management wishes to acknowledge Jenny Miu & Kate Curtis for their previous work on falls in the elderly and the NSW Trauma Services for their contribution of data to the NSW Trauma Registry.

Major trauma defined as all patients of any age, who were admitted to a NSW Trauma Service within 14 days of sustaining an injury, and who:
- Had an Injury Severity Score (ISS) > 12 (moderate to critically injured); or
- Died in hospital (irrespective of ISS) following injury, except those with an isolated fractured neck of femur injury sustained from a fall from a standing height (<1 metre).

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Falls resulting in major trauma

In NSW from 2010–2014

17,982 patients sustained major trauma injuries

40% (7252) Falls

40% of all major trauma deaths.1

72% of major trauma in patients aged ≥65 years.1

Trauma teams were not activated in 46% of falls cases, of which 16%.

58% of falls are from <1m

31% ICU

56% (4067) of major trauma falls were in people aged ≥65 years

55% male

Most of the falls occurred in the home

53%

Almost half were aged 75–85 years

44%

4067

56%

Most injuries included one or more of:

- Head injury: 76%
- Spinal injury: 23%
- Thorax (chest) injury: 25%
- Acute/Intermediate Care: 13%

Those who survive are discharged to:

- Home (with assistance): 45%
- Home (without assistance): 19%
- Rehab facility: 13%
- Residential institution: 3%
- Other: 6%

71% of falls resulted in serious to severe injuries