The Trauma Data Void

Outline
- Concept of Trauma Profile
- Trauma Data Void
- Common Trauma Funding
- Trauma saving strategies
- Impact of Trauma Profiles and Activity based funding on patient care and resources

Murrumbidgee and Southern NSW LHD

Clinical Governance

Murrumbidgee and Southern NSW Trauma Service

Inherited Trauma Profile
- Compared to other sites in NSW
- Data based on reportable data to ITIM
  - >ISS 12
  - Admission to ICU
  - Death in Hospital
  - Presentation to hospital within 14 days
  - Transfer to Major Trauma Hospital

New Trauma Profile
- Based strongly on an increased data set surrounding trauma
- We aimed to provide hospitals and LHD with important information around trauma presentations
- Includes:
  - Trauma Presentations,
  - Mechanism of Injury,
  - Patient Outcome,
  - Age and Sex Distribution,
  - Presentations by Day of Week and Time
Trauma Profile

What is known
- Trauma is one of the leading causes of Morbidity and Mortality in NSW
- Majority of injuries results from MVC, Falls, Assaults from Blunt and Penetrating forces
- Median patient cost increases with age and injury severity
- Expected rise in trauma presentation per annum
- Rise in trauma cost with aging population and increase severity of injury

What does this mean?
- Greater need for data analysis and collection
- Increased cost containment and effective financial management
- Encouragement on Trauma services use strategies to increased cost containment
- Importance of facilities that use Activity Based Funding to document accurately

Trauma Funding
- Funding for trauma relates to Activity Based Funding and Block Funding
- Introduction of Activity Based Funding (ABF) increases the accuracy of funding in trauma patients
  - Reliant on accurate documentation and injury coding
- Rural Hospitals may miss out on ABF due to injuries not being diagnosed or not documented

Impact on Trauma Care
- Trauma profiles enable executive planning within LHD and enables appropriate funding based on trauma activity
- Trauma profiles provides information to tailor holistic trauma care provision and equipment
- Without accurate documentation funding will be disproportional to trauma activity
Where to from here

- Recent addition of ASNSW and AMRS data to the collection and trauma profile
- Developing formal feedback with referral centres and retrieval services
- Coding audits in conjunction with feedback to increase accuracy of ABF
- Increased awareness of the Trauma Profile being a strategic tool in facilitating trauma care

Thank you

References

- http://staffnet.mlhd.gsahs.net/
- MLHD/SNSWLHD Trauma Services Trauma Profile and Data reports
- http://staffnet.mlhd.gsahs.net/
- http://staffnet.snswlhd.gsahs.net/