Trauma Education: a Multidisciplinary Interface

Chris Clarke
Clinical Nurse - Trauma Service
Royal Adelaide Hospital
The Nature of Work in the Emergency Department

- Large departments have or require a great number of staff.
- High turn-over of staff - both nursing and medical (?? Allied health).
- Trauma management seems to be "popular" - more staff interested.
- Unusual pathology.
Junior Staff in Resuscitation Roles

- Staff shortages in healthcare in general - both nursing and medical.
- Hence the necessity for staff to participate in middle level, or senior roles.
- Mentorship and supervision must be adhered to.
On the Spot Teaching

- Trauma resuscitations can form a basis of teaching for staff.
- During the event or as part of a debrief.
- Provides a form of closure for all staff involved.
New Equipment (or old equipment)
Updated/New Trauma Protocols.

- Use of Factor VIIa in trauma.
- Penetrating trauma - increased incidence.
- The use of the open abdomen in trauma laparotomy.
How many of you comprehend the term "follicular"?

What does "comprehend" mean?
Trauma Service Weekly Audit

- Review of all trauma call presentations from the previous week.
- Informal – acts as a teaching session.
- Trauma Service Staff, ED Staff, Radiology, Social Work, SAAS.
Trauma/ED Quality Improvement Session

- Trauma participation once per month.
- All ED staff attend on a regular basis.
- Modified M and M.
- Case presentations.
- New protocols.
- New equipment.
EMST

- 4 nurse observers.
- 4 nursing students or medical students, or ambulance personnel.
- 16 participants.
- Nurses very enthusiastic to participate.
Clinical Lectureship at a University Level

FLINDERS UNIVERSITY
ADELAIDE • AUSTRALIA

UniSA

THE UNIVERSITY OF ADELAIDE
AUSTRALIA
Trauma Teaching Rounds
Overview

- Education of staff must reflect system in which they work.
- Continuous quality improvement.
- Continuum of needs must be remembered.
I can assure you that despite the recent set backs, the government is still fully committed to a digital future.
In the Future...

- Formal university level qualifications in trauma nursing (? Grad Cert)
- Combined trauma team competencies.
- More Trauma Team training at all levels.
Questions

- cclarke@mail.rah.sa.gov.au
The Royal Adelaide Hospital

- 650 bed tertiary referral hospital located in the centre of Adelaide.
- Major teaching hospital for the University of Adelaide.
- Nursing and Medical education.
The Royal Adelaide Hospital

- Major Trauma Center for South Australia
- Treats over 1600 major trauma cases per year
- Has the following specialties:
  - cardiothoracic
  - neurosurgical
  - orthopaedic
  - burns
  - spinal injuries
  - hyperbaric medicine

- The Burns, Spinal and Hyperbaric units are the sole referral units for SA and the NT.
- New ED opened May 2003 - 4 resuscitation rooms and 46 patient care cubicles.
So why is multidisciplinary trauma education important?