Trauma support

Dr Nicole Williams
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Women’s and Children’s Health Network
Heath Francis

Photo credit: “That’s Life”

Women’s and Children’s Health Network
How do we care for Heath?

- First aid
- Transport
- Trauma team/EMST principles
- Pain relief, antibiotics, tetanus prophylaxis
- Limb salvage vs amputation
- Dressings
- Rehabilitation
- Prosthetic
How do we care for Heath?

Who looks after his older brother?
Who looks after the farm?
Does mum stay in hospital or go home?
How does mum get back to the farm?
How do they attend follow-up?
Will he be teased at school?

Grief, guilt, anxiety
Paediatric trauma in Australia

> Nº 1 cause of death 1 – 14 year olds

> Nº 2 cause of hospitalisation

- Kidsafe
GEOGRAPHICAL DISTRIBUTION OF CHILD AND ADOLESCENT INJURY MORTALITY RATES, 2002 (under 15 years)

Injury mortality rate per 100,000 population
- 5.0 – 9.9
- 10.0 – 19.9
- 20.0 – 29.9
- 30+

Risk factors for paediatric trauma

**Australian data**
- Lower socio-economic status
- Indigenous
- Rural and remote
  - AIHW

**International data**
- Single parenthood
- Low maternal education
- Young maternal age
- Poor housing
- Large family size
- Parental drug/alcohol abuse
  - UNICEF 2002
WCH Paediatric Trauma

> 463 trauma presentations 2015
  • 52 Level 1
  • 411 level 2

> 3 deaths

> 27 PICU admissions

> Fall <5m, MVC, MCC, bicycle, horse-riding
Paediatric trauma care

> ED, PICU, anaesthesia

> Paed surg, ortho, neurosurg, ENT, plastics, craniofacial, ophthal, dental

> Rehab, haematology, gen med, DPM

> Social work, physio, OT, speech path, dietician
<table>
<thead>
<tr>
<th>Region</th>
<th>Nº of cases (N = 4369)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Far North</td>
<td>136</td>
</tr>
<tr>
<td>Fleurieu and KI</td>
<td>131</td>
</tr>
<tr>
<td>Eyre Western</td>
<td>155</td>
</tr>
<tr>
<td>Limestone Coast</td>
<td>144</td>
</tr>
<tr>
<td>Barossa, Light, Lower North</td>
<td>289</td>
</tr>
<tr>
<td>Murray and Mallee</td>
<td>331</td>
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<tr>
<td>Adelaide Hills</td>
<td>441</td>
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<tr>
<td>Yorke and Mid North</td>
<td>313</td>
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<tr>
<td>Adelaide Metropolitan</td>
<td>2429</td>
</tr>
<tr>
<td>Interstate</td>
<td>144</td>
</tr>
</tbody>
</table>
Further challenges

> Multi-trauma in family/community
> Non-accidental injury
> Cultural concerns
> Retaliation
The Day of Difference Foundation
Reducing the impact of life-changing injuries on families

Learn About Us
Trauma Family Support Coordinator

- World-first trial
- WCH 2014 – 2015
- 3 days per week
- Advocacy, counselling, post-discharge support

Women’s and Children’s Health Network
Trauma FSC Success

> Families keen to engage

> Highly experienced staff member in role

> Access to trauma-specific resources
Trauma FSC Challenges

> 3 days per week with no flexibility

> Subspecialty social worker resistance

> Funding
The future?

> Trauma FSC in all paediatric hospitals

> Permanent flexible ED position

> Ward rounds with Trauma Director and CPC
Heath Francis OAM

“Losing my arm made me a champ”