Hip Happenings at Liverpool

Using Data to Improve Hip Fracture Care

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Why We Started Collecting Hip Fracture Data?

- Highlight service activity/ issues
- Identify variations/ gaps in care
- Identify gaps in evaluation of care
- Evaluate best practice
- Tool for driving change
- Provide evidence to executive
- Support for business cases/ service enhancements
Historical Happenings with Hip Fractures

- Basic data subset commenced 2002
- Commenced networking Liverpool and Fairfield
- Identified more data that could be captured
- Guidelines were outdated despite a multidisciplinary clinical pathway
- Development of Orthopaedic Standard Operating Procedures that support performance indicators
Historical Happenings with Hip Fractures

- Development of Orthopaedic Audit System
- Implementation of Minimum Standards for Hip Fracture
- Standards embedded into ISH (SIBR)
- Broadened hip fracture baseline data to reflect standards
- Participate in facility level audits
- Commence ANZHFR
- Implementation of Hip Fracture Clinical Care Standards
Prior to the ANZHFR at Liverpool

- Benchmarking was difficult
- Sourcing relevant data
- Relevant from various access points
- Struggled to change service processes
How has the ANZHFR Improved our Data

- Coordinated approach to care
- Incorporates best practice and clinical care standards
- Benchmarked binationally
- Identifies how our hospital is performing against like hospitals and standards of care
- Timely and meaningful data
- Provides evidence to highlight needs for service enhancement
Wins with Data Collection & Practice Review
Preoperative Nerve Blocks

Liverpool Hospital
Percentage of Nerve Blocks Performed on Hip Fractures

Year | Pre Op | Intra Op | Both
--- | --- | --- | ---
2015 | 18 | 27 | 0
2016 | 15 | 30 | 42
2017 | 8 | 41 | 45
2018 | 90 | 32 | 63

NSW Government
South Western Sydney Local Health District
Wins with Data Collection & Practice

Review

Time to Surgery

Median Time to Surgery Report

- Liverpool Hospital
- NSW
- Australia

quarters:
- Nov-17 - Jan-18
- Feb-18 - Apr-18
- May-18 - Jul-18
- Aug-18 - Oct-18
Wins with Data Collection & Practice Review
Surgery < 48hours

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<th>Quarters</th>
<th>Liverpool Hospital</th>
<th>NSW</th>
<th>Australia</th>
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<td>Nov-17 - Jan-18</td>
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Issues Identified with Data Collection & Review

Median Acute Length of Stay

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- Liverpool Hospital
- NSW
- Australia

Quarters

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Issues Identified with Data Collection & Review

Median Hospital Length of Stay

Median Hospital Length of Stay Report

- Liverpool Hospital
- NSW
- Australia

Quarters

Medians Length of Stay (Days)

- Nov-17 - Jan-18
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How Can Maintain Your Data Systems to Ensure their Userbility

- Be persistent
- Be consistent
- Make it a priority
- Take ownership
- Engage stakeholders initially and continually
- Share the load
- MDT Feedback
- Get involved with working parties
“I would encourage all hospitals that care for hip fracture patients to join the ANZHFR. Together we can optimise the care of patients with this fracture, as I’m sure you all know of someone who has sustained a fractured hip. It will also be beneficial to many of us, personally, to our own future health.”