

Implementing an Acute Intervention Team in a Specialist Orthopaedic Hospital



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Quality Improvement Project



- Service review commissioned in 2017 following two Serious Incident reviews

Identified Issues with the Site / Outreach provision

- No dedicated team lead

Clinically:

- The team only worked 'out of hours'
- Advanced practice not embedded within the team
- No operational Policy or referral criteria
- Limited training opportunities

Operationally:

- The site provision between 1530-2000hrs was inadequate
- No operational policy / out of hours protocols

Acute Intervention Team



- Business case to increase the team to 7 WTE band 7's and one WTE 8A
- Introduce the Medical Emergency Team – February 2018
- Service lead started in June 2019
 - Meeting the existing team
 - Meetings with stakeholders
 - Review of national guidelines
- Standard operating procedures – policy
- Competencies document
- Recruitment phase

Acute Intervention and Clinical Site Team



- 21st January 2019 – launch!
- 24/7 Nurse/Clinical Practitioner Led service
- 24/7 Acute Intervention cover for the Trust (Stanmore site)
- Dedicated out-of-hours Clinical Site Coordination
 - Mon to Fri (exc Bank Holidays) 1530-2330hrs
 - Weekends / Bank holidays 0900-2130hrs
- Joint clinical / operational role
 - Mon-Fri (exc Bank Holidays) 2330-0730hrs
 - Weekends and bank holidays 2130-0930hrs

Acute Intervention and Clinical Site Team



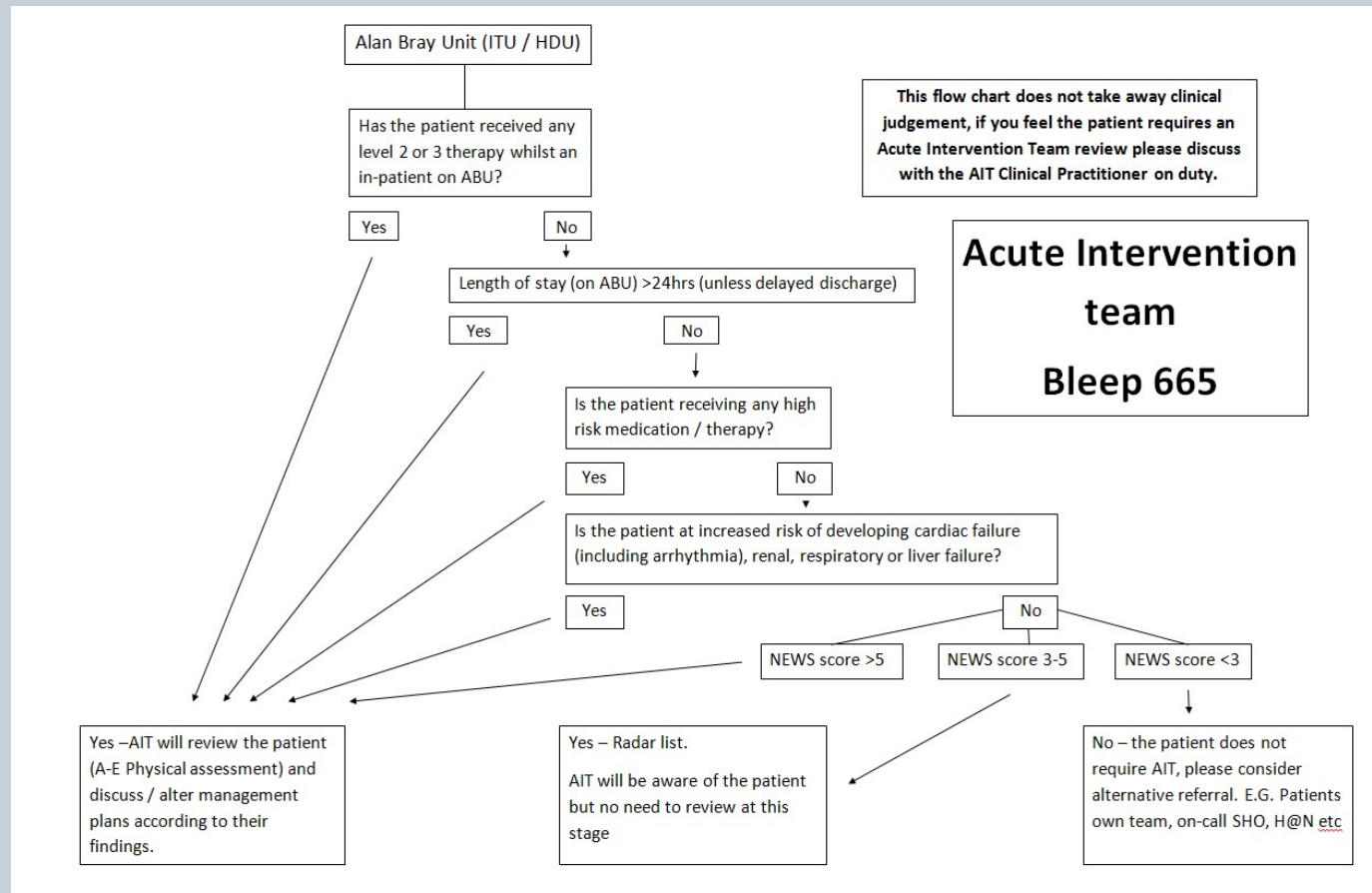
- Highly specialised orthopaedic surgery
 - Hindquarter amputations
 - Anterior approach scoliosis correction
 - Spinal tumours
- 4-10 admissions daily to ITU, HDU / Children's HDU (enhanced recovery)

Acute Intervention and Clinical Site Team



- Highly specialised orthopaedic surgery
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- 4-10 admissions daily to ITU, HDU / Children's HDU (enhanced recovery)
- Referral criteria

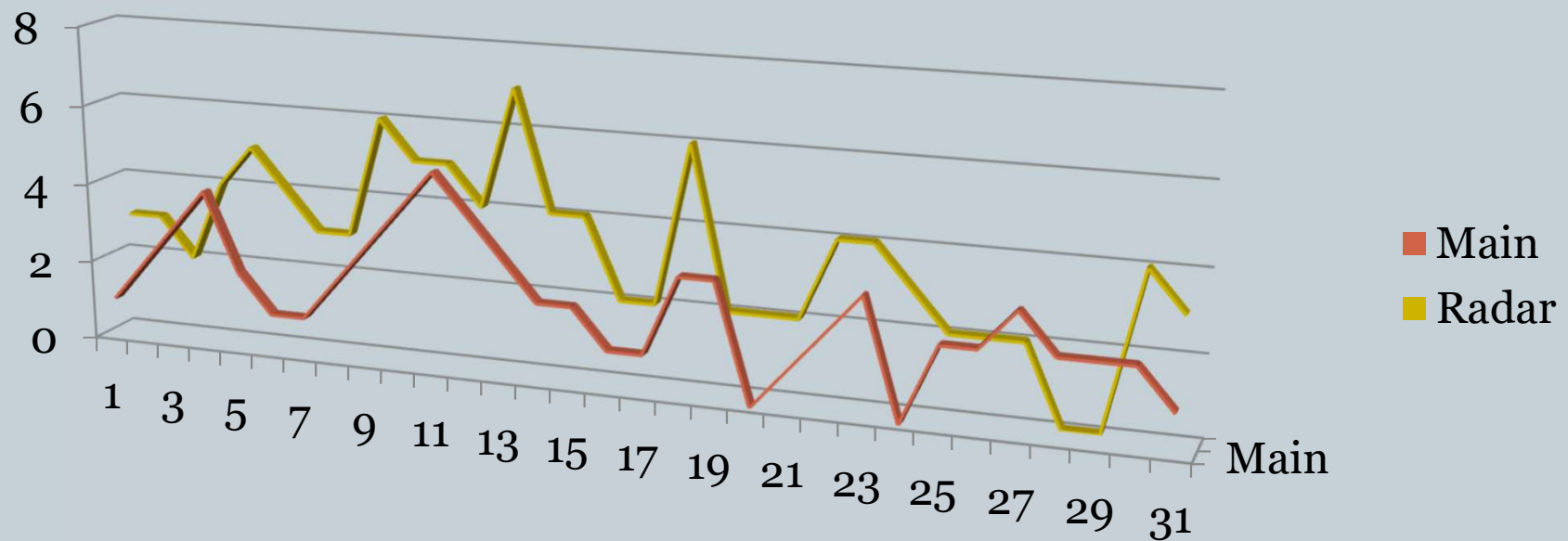
Acute Intervention and Clinical Site Team



Acute Intervention and Clinical Site Team



May 2019



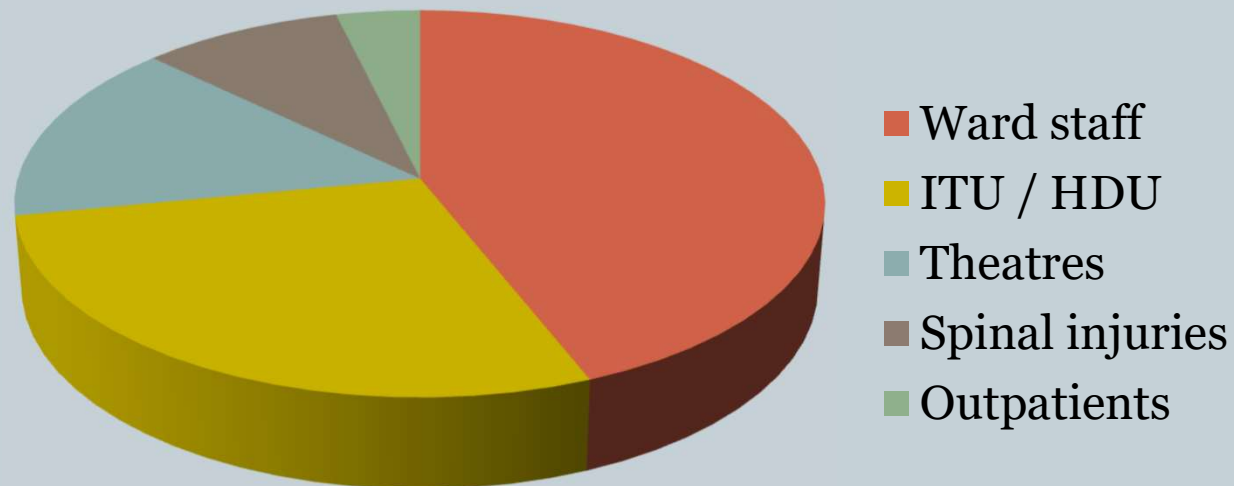
Acute Intervention and Clinical Site Team



May 2019

132 new referrals

AIT



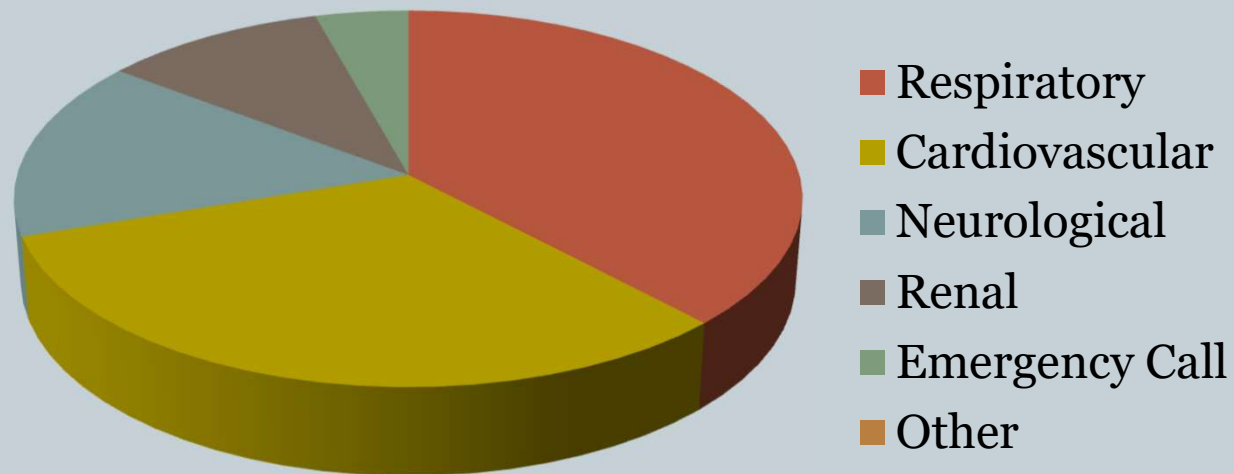
Acute Intervention and Clinical Site Team



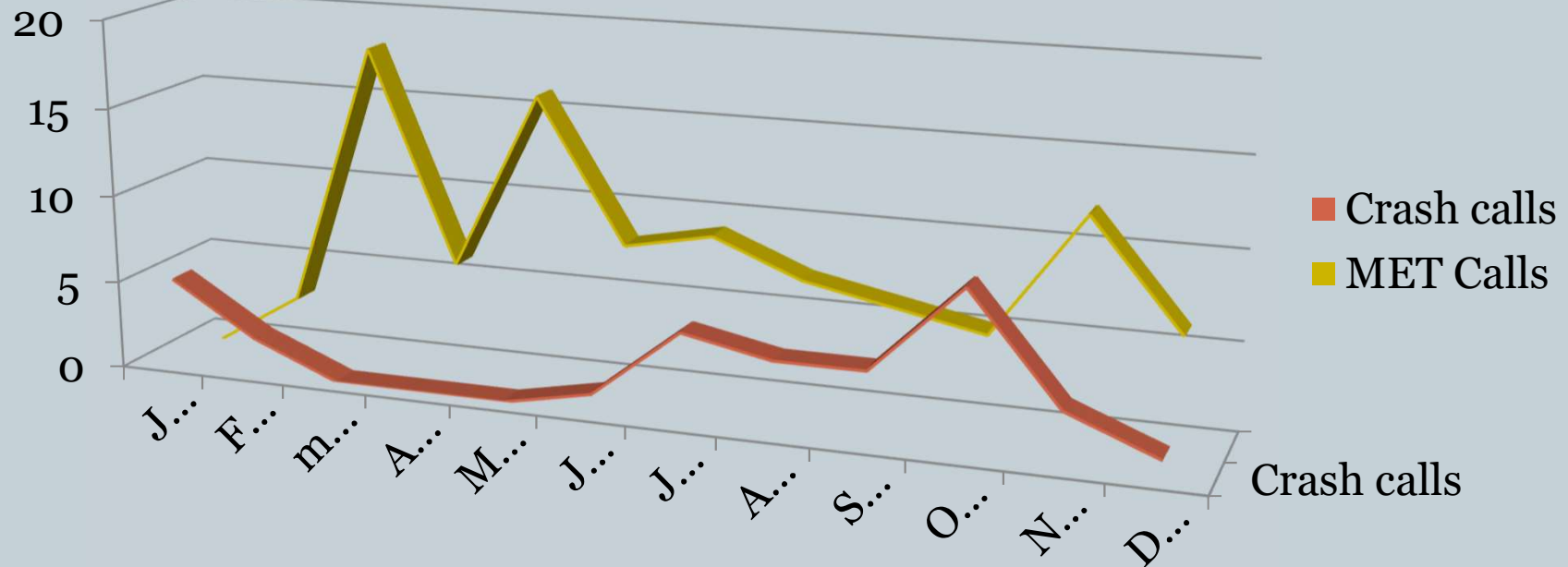
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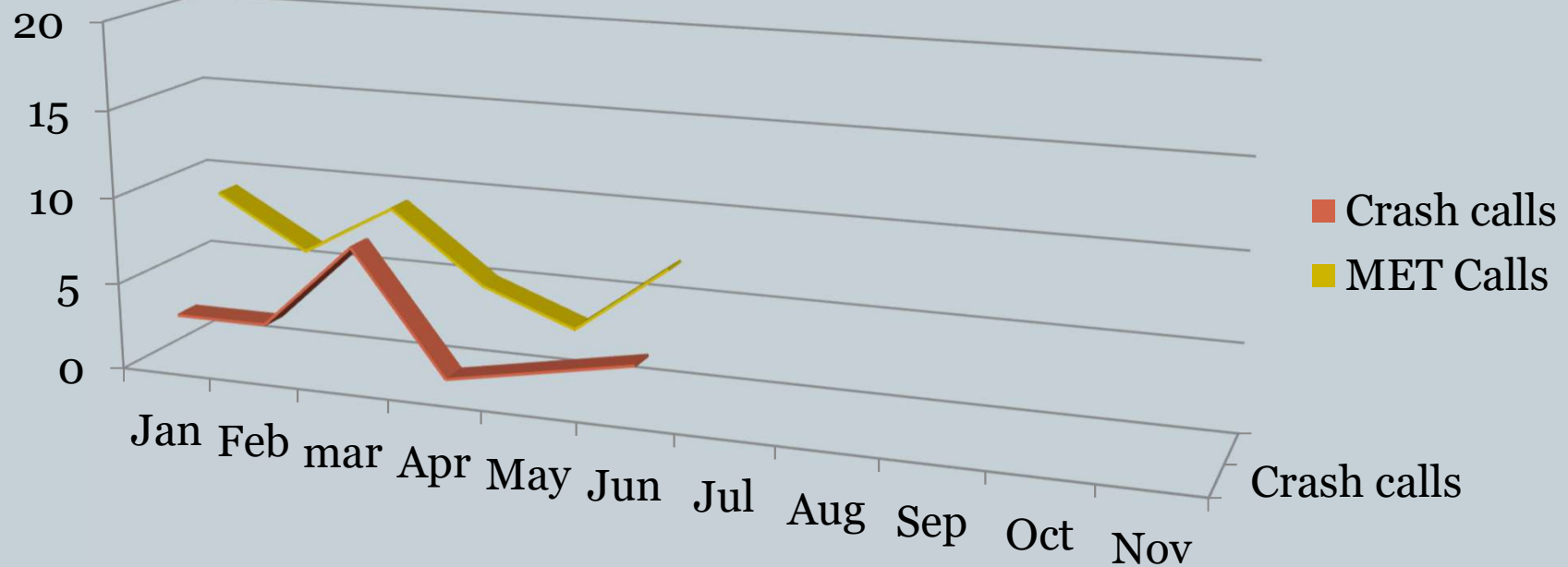
Acute Intervention and Clinical Site Team 2018



Crash calls

Acute Intervention and Clinical Site Team

2019



Acute Intervention and Clinical Site Team



- Opportunities to study – Advanced Clinical Practitioner / Advanced Nurse Practitioner
- Expanded practice
- Non-Medical Prescribing
- Competencies aligned with national guidance (National Critical Care Outreach Forum 2012)
 - Venepuncture / Cannulation / Intraosseous (IO)
 - Arterial Blood Gas sampling / analysis
 - Radiology requesting and interpretation (IRMER Course)
 - Advanced physical assessment skills
- Simulation practice
- Dedicated time with team lead (daily review of the patients on the AIT list)
- Advanced life support course's (Adult and Paediatric)
- Conference's

Acute Intervention and Clinical Site Team



- Anecdotal evidence at present
 - but it would appear the team are happier in their new roles
 - Feedback received is positive from ward staff, managers, service leads and senior management
 - No serious incidents since 2017
- Audit
- Involvement, adjusting and writing local protocols
- Far less documentation
- Database – Insight (local trust key indicators)
- Training
- Resuscitation / Emergency equipment
- Next steps.....?

Acute Intervention and Clinical Site Team



Acute Intervention and Clinical Site Team



References:

- The Intensive Care Society (2015). Guidelines for the Provision of intensive Care Services. Available: https://www.ficm.ac.uk/sites/default/files/GPICS%20-%20Ed.1%20%282015%29_o.pdf (Accessed 23/02/19)
- National Outreach Forum (2012). Operational Standards and Competencies for Critical Care Outreach. Available: <https://www.norf.org.uk/Resources/Documents/NOrF%20CCCO%20and%20standards/NOrF%20Operational%20Standards%20and%20Competencies%201%20August%202012.pdf> (Accessed 22/02/19).