

Network News

The Newsletter of the South East Region Trauma Network



Welcome to Issue 6

Welcome to the sixth edition of the South East Trauma Network (SETN) newsletter.

This edition aims to provide you with an update on the ongoing work across the Network as we move towards Network implementation in Spring 2021.

Plans for the Major Trauma Centre at the Royal Infirmary of Edinburgh (RIE) are quickly picking up pace and you can read more about the expected timelines for this on page 7. The region also held its third workshop in September to develop an initial repatriation protocol which will feed into the National Scottish Trauma Network Repatriation principles.

We hope you'll find this issue an informative and useful look into what we have achieved as a Network in the last Quarter of 2019.

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Visit to East Midlands Major Trauma Centre

Major Trauma Centre (MTC) Speciality Leads attended a visit to the East Midlands Major Trauma Centre in November. The team had the opportunity to attend the Centre's morning ward round, Multi-disciplinary team (MDT) meeting and speak with staff members about local models of care. Many thanks to the staff in Nottingham for such an informative and enlightening visit.



Major Trauma Centre (MTC) Updates

Adult Major Trauma Centre Royal Infirmary of Edinburgh (RIE)



Work will commence to reconfigure existing ward layout to meet requirements of a Major Trauma ward.



A Major Trauma Nurse Educator for Critical Care has been appointed to help support training of nursing staff in Major Trauma competencies.



The second issue of the Major Trauma Centre Quality Improvement Newsletter was published in October and is available on the NHS Lothian Intranet page.



MTC Specialty leads attended a visit to East Midlands Major Trauma Centre in November 2019.



Three on-site radiographers have been appointed and are now providing 24/7 radiology cover at the MTC.



Medicine of the Elderly and MTC Clinical Leads are exploring possible models of care for Elderly Major Trauma Patients and reviewing current Ortho Geriatric Pathways.



There are plans to run a Damage Control Resuscitation course at the MTC in the new year.



Major Trauma Consultant job descriptions have now been drafted and expected to be recruited to shortly. Consultants will participate in a Consultant of the Week model.



The Specialist Surgery theatres team is reviewing the logistical implications of providing combined Ortho-plastic surgery on site at the MTC RIE.



A meeting took place in July to discuss how best to allocate additional funding to support the Enhanced Specialist Pain and Regional Anaesthesia services.



Paediatric Major Trauma Centre Royal Hospital for Sick Children (RHSC)



Monthly trauma team simulation sessions are continuing to take place with involvement from all specialties involved in trauma care.



The @PaediatricMTC Twitter account has launched!



The Paediatric Drugs and Therapeutics Committee have approved Paediatric Sections of the Trauma Management Guidelines.



The RHSC is working with the SAS to explore possible implementation of a further pre alert to support the RHSC meet KPI for access to Consultant upon arrival.



A TRAK shortcut has been developed to improve standardisation and completion of the secondary survey.

The new Department for Clinical Neurosciences (DCN) is expected to relocate to Little France in Spring 2020. Childrens service's at the Royal Hospital for Sick Children (RHSC) s scheduled to relocate in Autumn 2020



Trauma Unit Updates

Borders General Hospital (BGH)



Two Major Trauma co-ordinators have now been appointed. Their role will involve the development of rehab prescriptions and supporting repatriation.



Regular Mortality and Morbidity meetings are continuing to take place with good engagement from staff



A Trauma Team Activation process has now been drafted.



Developing rehab pathways will be a key area of focus for the trauma units next year.



Victoria Hospital Kirkcaldy (VHK)



A VHK Strategic Group has now been established to support development of pathways.



Two additional radiographers have been appointed to support the out of hours CT service.



Interviews for the Major Trauma Co-ordinator role are due to take place later this month.



The Rehabilitation team continue to make progress with the development of rehab pathways.



A Physiotherapist, Occupational Therapist and Psychologist are due to be recruited to shortly.

Forth Valley Royal Hospital (FVRH)



The Trauma Unit intends to recruit to the Major Trauma Co-ordinator role in the coming months.



FVRH is undertaking a bed modelling exercise to identify the best place for patients to receive specialist rehabilitation.



A Trauma Team Activation Protocol is now live and work is ongoing to evaluate its effectiveness.



Discussions are taking place to agree an immediate and secondary transfer protocol for patients within Forth Valley catchment area.



A patient experience questionnaire has been developed to allow the Trauma Unit to better monitor patient care.

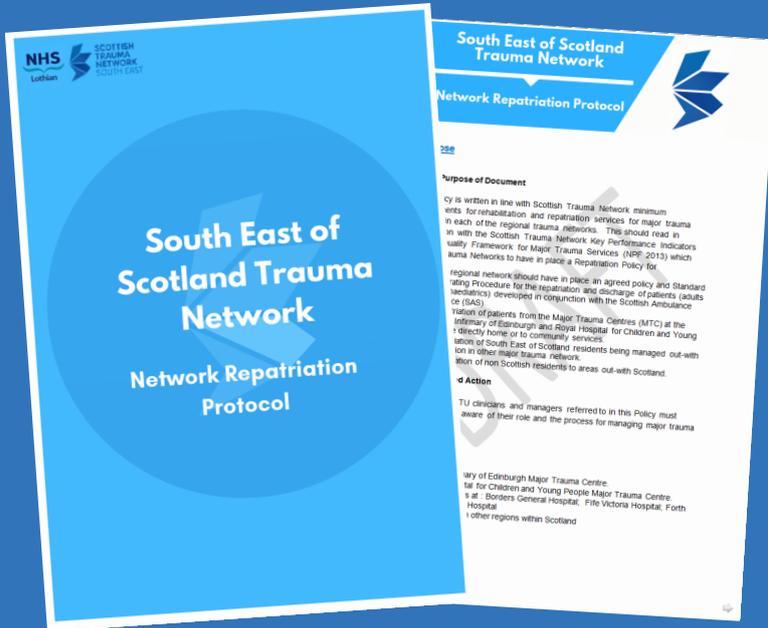


Trauma Immediate Life Support (TILS) course is now being run by Major Trauma Nurse Educator Catriona Gunn on a bi-monthly basis.



Regional Updates

Repatriation Protocol



A workshop to develop a regional repatriation protocol for the South East took place in September. The protocol outlines a number of key principles for how repatriations should be co-ordinated, which include:

- A requirement for a named Single Point of Contact (SPOC) at each site to deal with co-ordinating the repatriation.
- Repatriations must occur within 48 hours in line with the Scottish Trauma Network (STN) minimum requirements.
- Planning for repatriations should begin as early as possible
- A principle of automatic acceptance should be in place.
- The majority of ambulance transfers will be conducted by Ambulance Care Assistants.
- Requests for Transfers will take place between an agreed window (e.g. 10am - 10pm).

Hospital Transfer FAQ

How does repatriation differ to the other types of transfer that a trauma patient may require?

Immediate "Hot" Transfers – When a patient arrives at a TU or community facility and needs to be urgently transferred to the services of an MTC.

Specialist Care Transfers – Transfers for specialist care such as spinal injury, complex, orthopaedics, maxillofacial and neurosurgery.

Repatriations - A patient who goes from a Major Trauma Centre to a TU/LEH or Community Facility.

Rehabilitation Update



- A Rehab Co-ordinator is due to be appointed for the MTC in early 2020
- Rehab Leads have been working closely with specialty teams at each site to encourage a holistic approach to the development of pathways.
- A Band 7 Psychiatric Nurse has been appointed to lead on Psychiatry input at the MTC. A Band 6 Psychiatric nurse role is also due to be shortly advertised.
- Skills mix and workforce plans have been agreed for Speech and Language Therapy, Dietetics and Physiotherapy with work progressing to agree this for Occupational Therapy.
- A Regional Rehab group is now meeting on a bi-monthly basis. The group will provide a forum for the sharing of best practice and development of regional pathways.
- There are plans to develop a National Knowledge and Skills Framework for Rehabilitation.
- A feedback form has been created to allow staff who attend courses to provide feedback and recommendations on their experiences.

Pre-Hospital Update

- The SAS are working on developing guidelines for inter-hospital transfers. The final version of the document will be included in the National Repatriation protocol.
- Operational Clinicians in the SAS have received training on the Trauma Triage Tool.
- A South East Trauma Review meeting took place on 11th October for Pre-hospital staff. The event was well attended and it is expected that a similar event will be arranged in the near future.



Workforce and Education

Trauma Care in the Emergency Department Course Victoria Hospital Kirkcaldy

Since May 2019, over forty band 5,6 and 7 nurses from the Victoria Hospital in Kirkcaldy's Emergency Department have completed a one-day 'Trauma in the Emergency Department' course, as they work towards level 1 competencies. The course includes a series of lectures, workshops and simulated patients, and the feedback has been excellent: "I feel far more confident in dealing with trauma," commented one of the attendees, while another appreciated the hands-on approach of the day, and the chance to learn together as a team.



Major Trauma Centre Advanced Practice Education Days

Clinical Director for the MTC, Dr Dean Kerlake, ran a 3 day Advanced Practice course in October for SAS Advanced Practitioners and MTC Advanced Nurse Practitioners (ANP). The day featured a number of Trauma related talks on topics including catastrophic haemorrhage; cervical spine immobilisation and Code Red Activation alongside a hands-on sim day.



Upcoming: Trauma Care After Resuscitation (TCAR) and Paediatric Care After Resuscitation (PCAR)

PCAR, 17-18 March, TCAR 23-24th March, Queen Elizabeth Teaching and Learning Centre, Glasgow, £250

The Trauma Care After Resuscitation (TCAR) and Paediatric Care After Resuscitation (PCAR) courses will be running in Glasgow in March. The innovative two day course specifically designed for acute care, critical care, ward, and perioperative nurses and Allied Health Professionals working with trauma patients in Major Trauma Centres or Trauma Units.

New Appointments

Congratulations and welcome to the newest members of the South East Team.

Dennis Kerr is due to join us as Paediatric Advanced Nurse Practitioner in January and Noelle Norberto recently took up post as Major Trauma Nurse Educator for Critical Care at the MTC RIE.

Clinical Governance

Annual STAG Report 2019

The Scottish Trauma Audit Group (STAG) has published their Annual Report summarising data from the calendar year 2018. The report provides a comprehensive summary of type and severity of injury and outcomes for Scotland. The paper also reports on the STN's compliance with Key Performance Indicators for the first time.

Please find a summary of the findings for the South East Network below:

Most common Injury Mechanisms for Major Trauma (Injury Severity Score >15) Patients in Scotland



Moving Vehicle (Transport) - 30%



Fall <=2m - 28.8%
Fall >2m - 20.2%

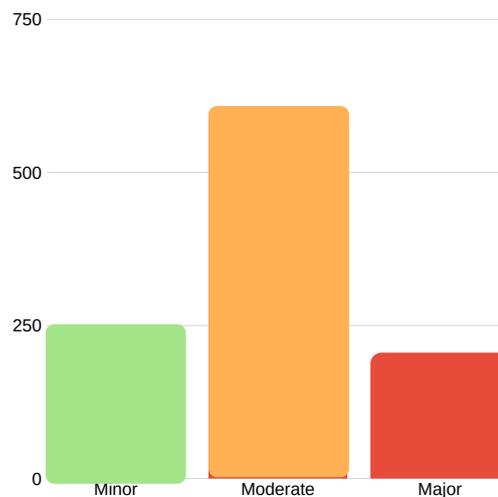


Contact with animal/object - 3.5%



Contact with person - 5.2%

Number of Incidents by Severity of Injury



The National Picture

- The report accounts for 4,459 patients, 21% of which are classified as having major trauma.
- 69% of major trauma patients were male and 31% were female.
- 21% of patients suffering major trauma died in hospital in 2018, with 63% of these patients dying within the first two days.
- RTC's were the most common cause of Major Trauma and Falls were the most common cause of moderate trauma.
- The SE MTC's compliance with Key Performance Indicators for 2018 was above the National Average although further work is needed to ensure further improvement!

At A Glance - KPI Achievement for South East Region - 2018



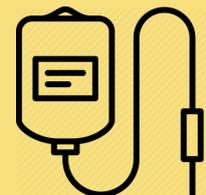
51%

Access to CT Head within 1 hour for patients with GCS <8 or Severe Head Injury



70%

Access to CT Written Report within 1 hour for patients with GCS <8 or Severe Head Injury



60%

Administration of Tranexamic Acid within 3 hours for patients with Severe Haemorrhage

Regional Governance Group - November 2019

The most recent Regional Clinical Governance Group Meeting took place on 8th November and was hosted by NHS Borders. The meeting involved discussion of 3 splenic trauma and 3 pelvic trauma cases.

A few key learning points arose from the meeting are summarised as follows:

Not all Major Trauma Patients need to be brought to the MTC. The majority of Major Trauma patients will be brought to the MTC by the SAS however some patients may not be within a 45 minute drive of a local MTC or may self present. The principle of automatic acceptance means that all Major Trauma patients will be automatically accepted into an MTC if the Trauma Unit Lead deems it appropriate for the patient to be transferred, however if the TU lead deems it appropriate the patient may stay at the Trauma Unit.

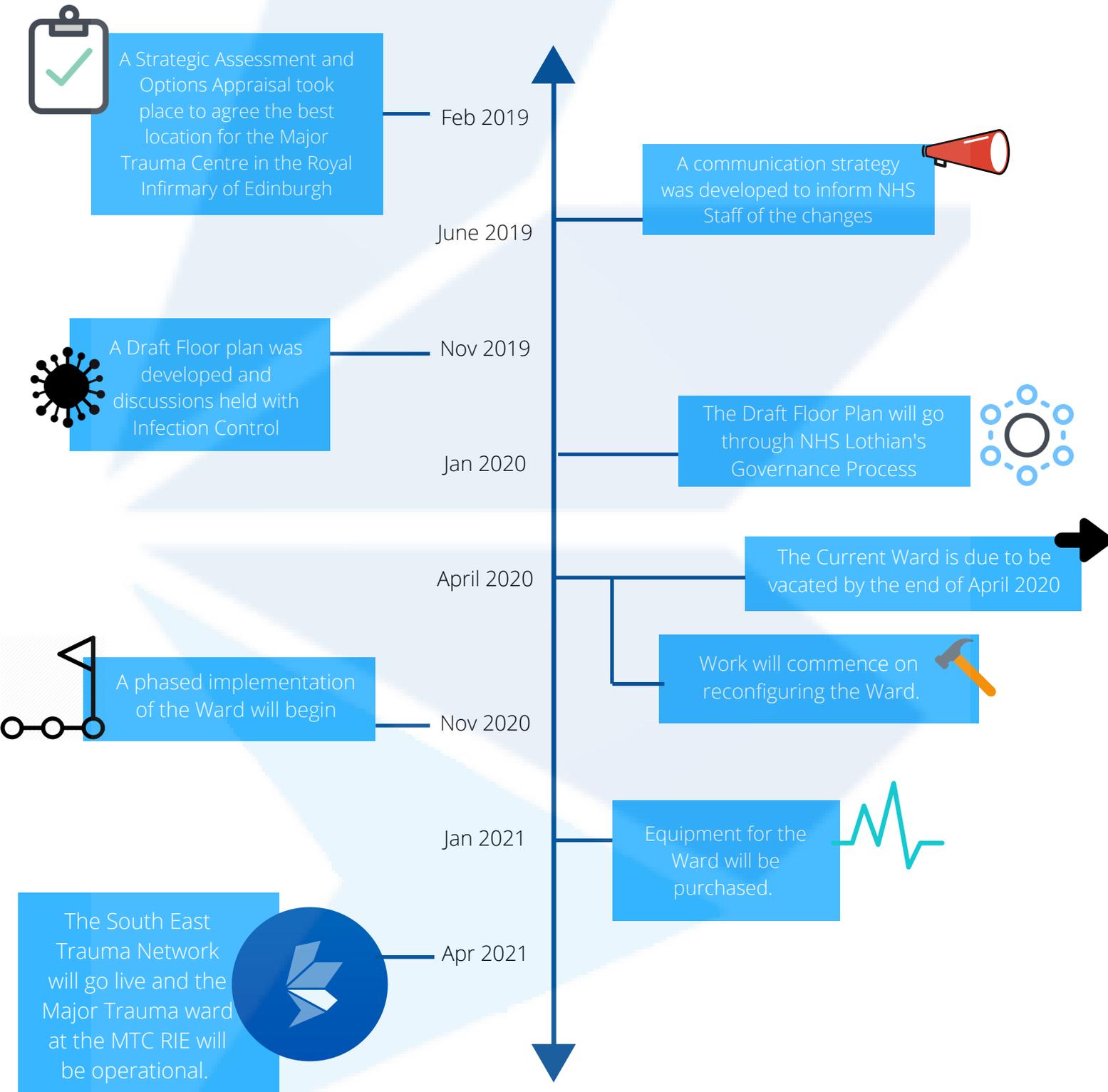
It's important to empower staff to activate trauma calls- Patients who self present can pose an additional challenge particularly out of hours. It is important that staff are empowered to activate trauma calls where appropriate to ensure that patients can get access to specialist expertise as early as possible.

Anaesthetic Transfers should only be utilised when necessary An Anaesthetic Transfer can often be time consuming to prepare for and can use a lot of the Anaesthesia Department's resources. As such decisions about priority and relative risk must be taken into consideration.

Standardised documentation for receiving patients is due to be ratified at the next South East Core Group.

Road to Implementation – Major Trauma Centre Ward Timeline

Ward 120 at the Royal Infirmary of Edinburgh will be home to the South East Trauma Network's Major Trauma Centre. Work to transform the current ward into the Major Trauma Centre will begin next year.



Members Profile

Regional Rehabilitation Lead, Orla Prowse



Orla Prowse graduated with BSc Hons Physiotherapy from Queen Margaret College, Edinburgh in 1997. After specialising in MSK and Trauma Orthopaedics she moved into a leadership role; leading many of the Edinburgh Community Physiotherapy Teams.

Through her work with wider community services she has focused developmental work on the role of the Physiotherapist in Advanced Practice out-with the MSK specialism.

She is enthusiastic in developing roles, pathways and models that embed Physiotherapy as solutions to many of our health challenges. Currently she is also the Regional Rehabilitation Lead for the South East Trauma Network and is heavily involved in the rehabilitation vision for both the Major Trauma Service at RIE and throughout the South East region.

Useful Resources

Trauma Nuggets	Little nuggets of trauma related information - regularly posted on the @MTCSouthEast twitter page courtesy of Edinburgh Emergency Medicine.
South East Website	Regular updates on the Network alongside links to relevant guidelines and educational resources are available on the South East Trauma Network Website
STN Website	Keep up to date with the progress of the Scottish Trauma Network and the ongoing work of each of the Regional networks.
MTC M&M Learning Point Summaries	Useful summaries of key learning and discussion points from every monthly Major Trauma M&M. (Available only to Major Trauma Centre staff via the NHS Lothian Intranet)
MTC Quality Improvement Newsletter	Bi-annual summary of key learning points from MTC M&M Meetings alongside information on upcoming training and education opportunities. (Available only to MTC staff via the NHS Lothian Intranet)

Highlight your work in our next newsletter

We hope you have found this newsletter informative. If you work in major trauma services and would like to highlight your work to colleagues and the public, please contact us in one of the following ways:

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