



Network News

The newsletter of the South East Region Trauma Network



Welcome to Issue 3

Welcome to the third edition of the South East trauma (SETN) newsletter.

Much has been achieved in the South East Network since the commitment to proceed with a National Major Trauma System. It is important that the network continues to evolve in a way that meets the needs of major trauma patients and carers in the region.

In this edition we aim to provide you with background to the network, along with an outline of progress to date in relation to enhancing the delivery of high quality, person-centred, safe and responsive care to the SEoS population. There is a huge amount of work happening across the network and we plan to provide more detail in future newsletters over the coming year.

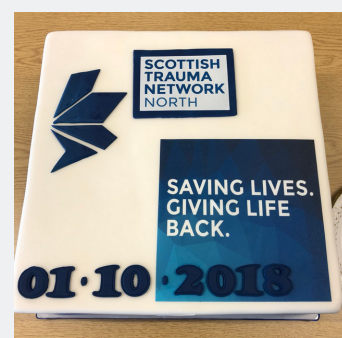
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Development Plans and Progress

The South East of Scotland have developed a phased plan over the next four years, recognising that there are more significant changes required to meet the increased service demand at the MTC (Royal Infirmary of Edinburgh) opening in 2021/22.

The North of Scotland (NoS) and East of Scotland will go live as a network and will open their MTCs within the next two month. The NoS went live on 1st Oct 2018. Health Secretary Jeane Freeman acknowledged the recruitment issue as she officially opened the centre on Monday 1st Oct 2018.



Talented staff in NoS baked a special cake to commemorate the opening of the MTC. Photo: NoSTraumaNtwk Twitter

MTC and Paediatric Updates

Major Trauma Centre(MTC)

Royal Infirmary of Edinburgh



There have been a considerable number of achievements in year one and two particularly for the Major Trauma Service – Within the adult and paediatric MTC several cost-neutral changes have already been implemented to improve the patient pathway on arrival at hospital, these include:

- ✓ Development of trauma booklets to ensure all documentation is consistent and incorporates STAG data.
- ✓ Re-writing of department protocols which include pre-alert handover system.
- ✓ Reduction in time to whole body CT – this is due to improved processes and pathways.
- ✓ Reduction in the number of imaging studies required for spinal injury.
- Introduction of monthly M&M meetings which has led to a number of improvements including the
- ✓ introduction of new guidelines, protocols, documentation and quality improvement initiatives including increasing the number and type of blood products available in the Emergency Department as well as developing other initiatives to reduce haemorrhage.
- A repatriation model from the Major Trauma Centre to
- ✓ Trauma Units and community based services is to be developed and agreed.
- SAS have implemented a Trauma Desk and piloting
- ✓ the use of SAS Advanced Practitioners based in the MTC RIE.
- The Trauma Triage Tool has been developed for use by
- ✓ ambulance crews to support decision-making on where a patient should go depending on the severity of their injury.
- ✓ Development of MT ward at RIE including rehab model.
- ✓ Commencement of eSTAG.

Paediatric Trauma

Royal Hospital for Sick Children



Key achievements from the RHSC include the following:

- ✓ The Paediatric Pre-Hospital alert has now been agreed.
- ✓ Commencement of eSTAG.
- A series of standardised guidelines are to be created for certain Paediatric conditions and
- ✓ procedures. The group plan to use already published national guidelines as a basis for these protocols.
- ✓ National minimum requirements have been agreed.
- ✓ RHSC established a consultant-led trauma team
- Testing of the Paediatric trauma triage tool will be rolled out in Lanarkshire and Ayrshire, and
- ✓ training of the trauma desk will start in early Autumn.
- Quarterly Trauma Team meetings have been set
- ✓ up. At the last meeting discussions were held regarding cost neutrality and governance.
- Development of a shared regional trauma
- ✓ booklet.

Trauma Unit Updates

Fife Trauma Unit

Victoria Hospital



- ✓ Quarterly multidisciplinary Governance meetings have now been set up with the first meeting due to take place at the beginning of October.
- ✓ Discussions have taken place with colleagues in A&E to ensure that calls for Trauma Patients are being correctly recognised and logged.
- ✓ A Trauma Team comprised of a General Surgeon, A&E Lead, Critical Care Registrar, Anaesthetist, Theatre Co-ordinator and Orthopaedic Registrar has been identified.
- ✓ The first edition of the Fife Trauma Unit newsletter was published and received positive feedback from colleagues. The newsletter included local trauma updates and a summary of STAG information.

Forth Valley Trauma Unit

Forth Valley Royal Hospital



- ✓ The Scottish Centre for Simulation and Clinical Human Factors is due to run a Scottish Acute Major Trauma Team Training course on 16th October. There has been excellent engagement from within the workforce with participants expected to attend from throughout the region.
- ✓ Discussion around mass casualty incidents as a Scotland wide protocol is being developed learning on the back of recent incidents in Paris, London and Manchester.

Connect with our Twitter and Website to be the first to hear the latest news

This summer saw the launch of two twitter pages for the South East and a new MTC website.

Keep up to date with the latest news from the South East by following:



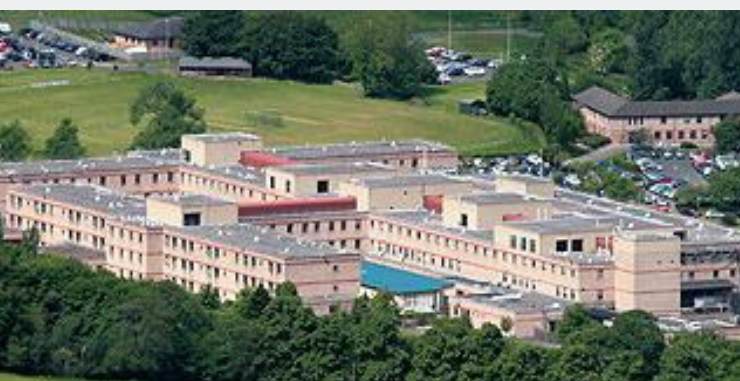
@TraumaSouthEast for regional news and updates.



@MTCSouthEast for updates on the South East Region's Major Trauma Centre.



Or visit our webpage which hosts SE related information; news; educational resources and guidelines. Click here to visit.



Borders Trauma Unit

Borders General Hospital

- ✓ Multidisciplinary Governance meetings have now been set up and are scheduled to take place every six weeks.
- ✓ A number of Education drives have taken place to engage specialist colleagues in both Adult and Paediatric trauma.

Regional Network News



Goal Focused Rehabilitation

The region is in the process of reviewing current and predicted activity for rehab pathway modeling. This will be a key area of focus over the coming months.

The rehab pathway for trauma patients will be looked at from an 'acute into community approach', highlighting any gaps from point of discharge from the MTC and into TUs or community rehab setting.

A further working group for rehabilitation across the region will be established in year three (2019/20). The rehab group will be active in producing a rehab plan developed by the North of Scotland region. This tool will be used to support the management of patients across Scotland.

Regional Clinical Governance

A Clinical Governance Group for the South East Region has been set up. The group aims to do the following:

- ▶ Develop a regional trauma booklet to ensure all documentation is consistent and incorporates STAG data.
- ▶ Re-write department protocols which include pre-alert handover system.
- ▶ Set up multi-specialty governance meetings

The groups first meeting will take the form of a workshop which is due to take place in November.

South East Rehabilitation Conference

In June 2018, the chair of the South East Network, Colin Briggs and MTC Clinical Rehab Lead, Alan Carson, hosted a full day rehab conference with over 70 NHS staff across the South East and West of Scotland attending.

The conference provided advice and interjection from UK wide expert Col John Etherington, Director of Defence Rehabilitation. The conference gave attendees an opportunity to look at the effect of early intervention and identify practices which can be applied and implemented into an inclusive model which would be suitable for all patients regardless of their age and fitness level.

Major Incidents and Mass Casualties



A new major incidents and mass casualties plan has been created which focuses on the following:

- ▶ Sudden impact incidents resulting in large numbers of casualties with trauma injuries;

- ▶ NHS Scotland's response to a MI-MC as a single, integrated entity, in conjunction with Health and Social Care Partnerships (HSCP)

- ▶ Delivery of an appropriate and timely response to the needs of children and adults in order to secure the best possible outcomes for them

- ▶ An assumption of health and social care services responding simultaneously to 'seriously injured' casualties, and hundreds 'walking wounded' casualties;

- ▶ A 21-day period post incident and the process towards the recovery phase

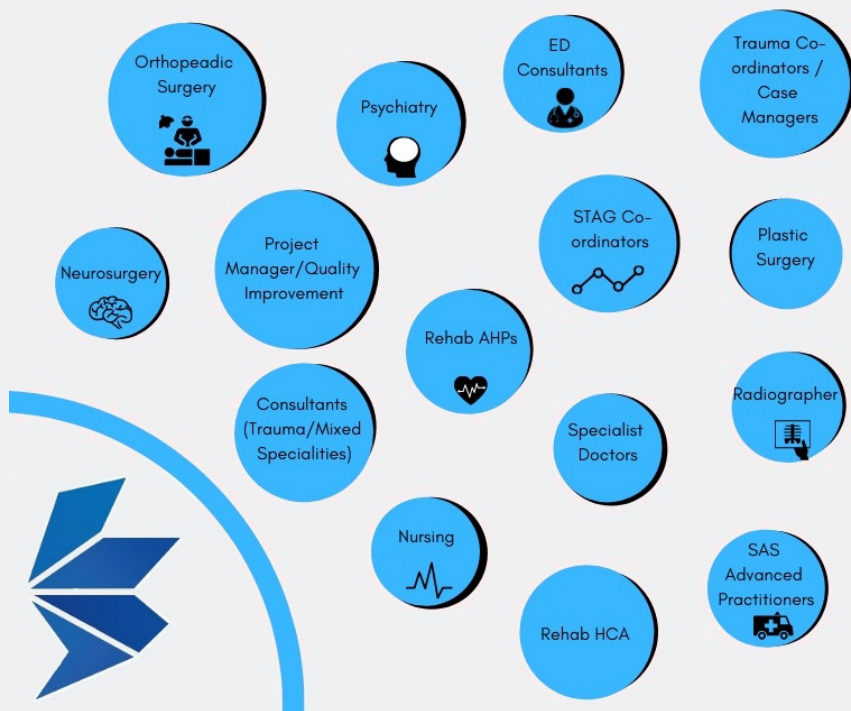
Workforce and Education

South East Workforce Plan

Through the agreement of the South East implementation plan, increases in staff numbers across the region are planned; these will improve access and co-ordination of care for people who have suffered serious injury.

Key highlights from the detailed phased plan

South East Trauma Network Staffing July 2018 - April 2022



Staff will be appropriately trained with enhanced confidence and the feeling of being supported resulting in improved staff experience. The network offers the opportunity for clinicians and other health care professional to work across specialisms.

We recognise there will be recruitment challenges but the establishment of the network will give staff the opportunity to increase their own skills, widen their experience and work in other ways. This collaborative way of working draws all professionals and components together across the South East of Scotland: from pre-hospital admission with the Scottish Ambulance Service to our community-based rehabilitation teams once the patient have returned home. This is about enhancing the services for patients with life changing or life-threatening injuries.

A number of education drives have taken place to engage specialists colleagues in both adults and paediatric trauma. A series of medic and nurse training and simulation courses have taken place across the South East region.

New Appointments



May 2018

Appointed STAG Coordinators for MTC (Adults and Paeds)

July 2018

Appointed on-site Radiographers

August 2018

Appointed Major Trauma Advanced Practitioners
Appointed SAS Advanced Practitioners

August/September 2018

Appointed ED consultants

October 2018

To appoint to Major Trauma Nurse Educator position.

New Thoracotomy Training Video



On Monday 22nd October the thoracotomy training video was filmed at the Scottish Centre for Simulation and Clinical Human Factors using staff from across South East of Scotland and the central belt. This will be a resource available for the whole Scottish Trauma Network.

Workforce and Education

South East Workforce Plan Cont...

The STN have established a Workforce and Education Group – the key priorities for this group between now and go live date will be to implement the education strategy which encompasses all staffing levels. These will be delivered to support the following needs:

Theme	Aim
Specialist workforce - providing opportunities for evidence-based specialist trauma training and resources for improved health and care.	<ul style="list-style-type: none"> ▶ Provide education and training to support specialist professionals in trauma care maintain and develop skills ▶ Support learning and development opportunities to facilitate change, improvement and innovation. ▶ Provide opportunities that help clinical teams make the most of work-based learning.
Improved quality - providing opportunities for improving quality to enhance patient safety and patient and families experiences of trauma services	<ul style="list-style-type: none"> ▶ NHS Scotland quality ambitions are for safe, effective and person centered care. ▶ Provide opportunities to learn with and from patients and their families who use services. ▶ Encourage good communication between patients and families.
Supporting the service model for Scotland	<ul style="list-style-type: none"> ▶ Provide education and training to support the emerging trauma service model including provision of clear easy to access referral pathways, hospital/discharge management protocols and clinical guidelines. ▶ Support stakeholders to understand their role and remit within the trauma service model
Enhanced educational infrastructure - implementing strategic approach to delivering educational opportunities.	<ul style="list-style-type: none"> ▶ Develop an education plan that will support health and care teams, voluntary sector and patients and families to be aware of and access education and training; sharing good practice and specialist experience using a planned and inclusive approach. ▶ Help stakeholders make the most of the resources on offer through the STN.

Paediatric Education



The Trauma Team at RHSC have been busy running and taking part in a number of training opportunities. These include the following:

- ▶ Three quarters of the Trauma Team have now completed the European Trauma Course.
- ▶ A series of Nurse Training and Simulation courses have taken place at the RSHC.
- ▶ A half-day Trauma Education course is due to be organised shortly.



- ▶ Five educational short films have been developed on Paediatric Trauma Skills. The films include information on Kendrick Splint Application, Pelvic Binder Application and performing the primary survey. These films can be accessed via the South East Major Trauma Service website [here](#).



Achievements for the last Three months

July

- ✓ STAG co-ordinators appointed for MTC and TU
- ✓ SESTN workshop took place on 29th June to standardise clinical documentation
- ✓ A quarterly regional clinical governance group was established quarterly.
- ✓ A governance structure for the MTC was established.
- ✓ Paediatric Rehab working group was established
- ✓ A series of multi-disciplinary trauma team training days were took place.

August

- ✓ Piloted Rehab Plan from North & England's revised prescription/plan
- ✓ Recruited to 6 x SAS Advanced Practitioners for SE
- ✓ Appointed 3 x Major Trauma Advanced practitioners to the MTC RIE
- ✓ Agreed National Rehab Minimum requirements
- ✓ The RHSC ran in-house trauma simulations

September

- ✓ Developed Major Trauma Centre Operational Policy
- ✓ Implemented phased plan of designated MTC ward
- ✓ Appointed 2x Emergency Department Consultants for MTC.
- ✓ Paediatric Triage tool began testing in Ayrshire and Lanarkshire.
- ✓ Training programme implemented for 6x SAS Advanced Paramedics



Key Highlights for the next Three months

October

- Develop network patient repatriation protocol from MTC, TU and community based services.
- Agree trauma management guidelines.
- Agree network transfer protocol.
- Agree network protocols for the Management of Severe Head Injury and Spinal Injuries.
- Regional Rehab group to be established.

November

- Network Emergency planning for mass casualty events to be established.
- Major Trauma Centre Implementation Group to meet.
- Regional Clinical Governance workshop to take place.
- Regional Rehab Group Meeting to take place

December

- Regional Rehabilitation Plan / prescription to be developed.
- Network Directory for rehab services to be developed.
- Network referral guidelines and pathways for access to rehab services to be agreed.
- Network training education programme for healthcare professionals to be agreed.
- Mapping of existing rehab pathways for MSK & DCN to be finalised.
- South East Trauma Network Core Group meeting to take place.

SETN Implementation Plan

A Five Year Plan

A phased five year plan has been created by the SE Network to help map out the Networks Implementation. A summary of the key milestones for the next five years can be found below.

Year 1: 2017/2018

- ✓ A regional south east core group is well established.
- ✓ Regional Rehab Lead appointed to outline options for rehab model.
- ✓ Phased 5 year plan is created.
- ✓ SAS implemented a trauma desk and piloted the use of advanced paramedics.
- ✓ Trauma Triage tool is developed for use by ambulance crews.
- ✓ A Major Trauma Centre Implementation Group is established.
- ✓ Number of developments to enhance the care delivered to Major Trauma patients.
- ✓ SE appointed lead clinicians and other key posts for trauma services
- ✓ Minimum requirements agreed for the MTC, TU's and LEH.
- ✓ STAG data has supported the work to establish the network.
- ✓ eSTAG went live in November 2017 to allow STAG to monitor the full patient journey.

Year 1

Year 2

Year 2: 2018/2019

- The NoS and EoS go live as a network in Autumn 2018.
- Workshop sessions have been arranged across the South East region to support improved skills and competencies in the management of major trauma survivors.
- The region is reviewing guidelines and protocols.
- Further working groups established who will develop recommendations for the future service in Scotland.
- Working groups for Education and Workforce, Major Incident Planning and Prevention are being established.
- The region will appoint Trauma Coordinators for MTCs and TU to support improvements across the patient pathway.
- SAS will add another advanced paramedic team in the South East of Scotland region, to support advanced care of patients in the pre-hospital setting.

Year 3

Year 3: 2019/2020

SE will be close to implementation with two thirds or resource allocated.

Year 4

Year 4: 2020/2021

The South East trauma network will be fully operational and all regional plans fully implemented. The West of Scotland will open in parallel.

Year 5

Year 5: 2021/2022

The South East trauma network will be fully operational and all regional plans fully implemented.

Upcoming Events

Major Trauma Clinical Education Day

12 December 2018, 08.30 - 3pm, Royal Infirmary of Edinburgh
Chancellors Building **FREE**

A Major Trauma Clinical Education event is scheduled to take place in the Chancellor's Building, RIE on 12 December. A number of speakers have been confirmed for the event which will be free of charge and open to all grades of medical, nursing and AHP staff.



Major Trauma Clinical Education Day

Apply now to reserve your place

Wednesday 12 December
08.30 - 15.00

Royal Infirmary of Edinburgh
Chancellor's Building
Auditorium A

Open to all grades of medical staff, nursing staff and AHPs.

Price: Free
CPD awaited

To reserve your place please contact
Eilidh.Markie@nhslothian.scot.nhs.uk

Further information regarding the programme and registration instructions can be found on the Major Trauma Service Website by clicking here.

Scottish Acquired Brain Injury Network (SABIN) Trauma Conference

23 November, 9.15am - 4.35pm, Royal College of Physicians
Edinburgh **FREE**



The Scottish Acquired Brain Injury Network (SABIN) is due to hold a Trauma Conference at the Royal College of Physicians on 23 November. The conference will be free of charge for NHS staff and will cover a range of trauma topics including acute burns management and reversal of anticoagulants. Further information and registration is available on the SABIN website.

Save The Date - Annual STN Conference

26 & 27 June 2018, Edinburgh Conference Centre, Further details to follow

The Scottish Trauma Network has announced dates for next year's annual event which will be hosted in Edinburgh's International Conference Centre.

Further information is to follow over the next few months.



Acute Major Trauma Team Training Course

16 October 2018, Forth Valley Royal Hospital, Scottish Centre for Simulation and Clinical Human Factors, Registration fees applies.



The next Scottish Acute Major Trauma Team Training is Tuesday 16th October 2018. There are some spaces left with consultants and senior nursing and medical staff from NHS Fife, NHS Borders, NHS Grampian and NHS GGC already signed up. Course works best when there is a mixture of specialties involved. Contact scschf@nhs.net for further info or click here to register.

An ED Thoracotomy video is being produced by Roger Alcock and Laura McGregor working at the SCSCHF (sim centre) which will be a resource available for Scotland.

Members Profile

Dr Dean Kerslake, Clinical Lead for Major Trauma



Dean has been a Consultant in Emergency Medicine & Critical Care in the Royal Infirmary of Edinburgh since 2013. He was appointed to Clinical Lead for Major Trauma in May 2017. He completed a one year trauma fellowship in South Africa and worked with London Air Ambulance for eight years treating clinically injured trauma patients at the roadside.

Dean graduated from The University of Edinburgh in 2002, having been educated in Northwood, Middlesex. He joined the South East Scotland Emergency Medicine Training Programme in 2006. He underwent dual training in Intensive Care Medicine and completed his training in 2013 when he was appointed as a Consultant at the Royal Infirmary of Edinburgh. He is an ultrasound enthusiast and teaches bedside echocardiography for the critically ill patient.

In preparation for the Emergency Department, he spent six years as a nightclub supervisor and nine years in human resources with Marks & Spencer. When not travelling to visit family in London, Spain and Ireland he disappears to faraway places doing a multitude of activities.

OUR VISION

Fundamentally, we should seek to optimise outcomes for people who experience major trauma.

OUR MISSION

To deliver safe, effective and person centred care for major trauma patients and achieve the best outcomes, we need to reduce mortality and disability.

STRATEGIC AIMS

To provide high quality care from roadside to rehabilitation available to all patients with Major Trauma in South East Scotland.

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:



Eilidh.Markie@nhslothian.scot.nhs.uk or Wendy.Parkinson@nhslothian.scot.nhs.uk



@TraumaSouthEast



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