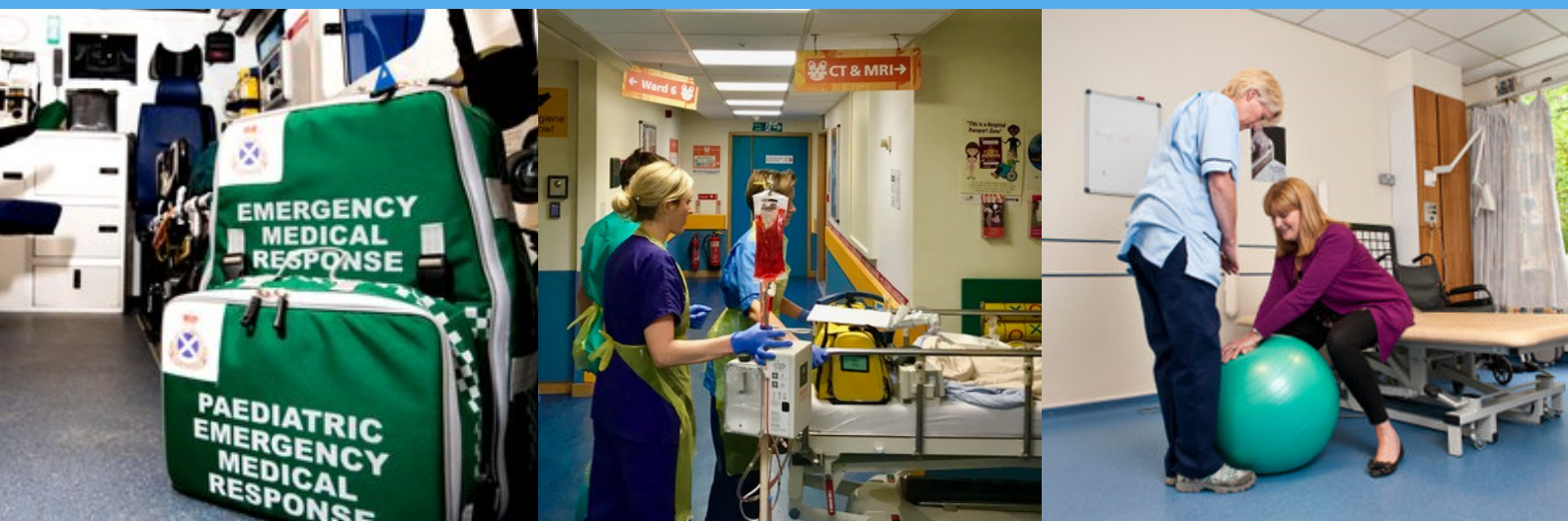




# Network News

The newsletter of the South East Region Trauma Network



## Welcome to Issue 4

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

In this edition we aim to provide you with an update on the work that has progressed over the last year as we look towards entering Year 3 of the Network's implementation.

There is a huge amount of work happening across the network and it's important the network continues to evolve in a way that meets the needs of major trauma patients and carers in the region.

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### The East of Scotland Goes Live!

Since the publication of our last Newsletter the second Major Trauma Network in Scotland has gone live.

First Minister Nicola Sturgeon opened the new MTC in Dundee on 19th November.

The new opening was an exciting milestone in the STN's journey. A big congratulations to our colleagues in the East!



# MTC and Paediatric Updates

## Major Trauma Centre (MTC) Royal Infirmary of Edinburgh (RIE)



- An Options Appraisal has taken place to identify a preferred location for the Major Trauma Ward at the RIE. Capital Planning at NHS Lothian are now being consulted on next steps going forward.
- A Major Trauma Clinical Management Team group has now been established at the RIE. The role of the group will be to monitor the care and provision provided to Major Trauma patients both presently and after the Major Trauma Network has gone live in 2021.
- Training and Education at the MTC continues. The RIE hosted the first Major Trauma Clinical Education day in December 2018 and continues to host regular in house training days. Read about the latest session on page 9.
- Regular monthly mortality and morbidity (M&M) reviews are continuing to take place with excellent engagement from site staff. The first MTC Quality Improvement Newsletter is expected to be published shortly and will incorporate key learning from these meetings.
- Recruitment remains ongoing with two Major Trauma Nurse Educators recently recruited to in January 2019.
- There are plans for an MTC dashboard to be developed for the first quarter of 2019. This will incorporate Scottish Trauma Audit Group (STAG) data alongside other relevant measures to allow better monitoring of activity.
- Six SAS Advanced Critical Care Practitioners were recruited to in October 2018 and will undergo further training with Glasgow Caledonian University as part of their role. SAS have added an advanced paramedic team in the South East of Scotland region, to support advanced care of patients in the pre-hospital setting. They are based at the Royal Infirmary of Edinburgh Major Trauma Centre (MTC) and will cover across the South East Trauma Network.

## Major Trauma Centre (MTC) Royal Hospital for Sick Children (RHSC)



- The first RHSC Paediatric Trauma Governance meeting took place on 8th March. The Quarterly meetings will discuss recent activity; training and education and review relevant patient cases in the form of a mortality and morbidity review.
- Paediatric Clinical Leads are continuing to work closely with the Scottish Trauma Audit Group (STAG) to regularly review Major Trauma cases.
- National Minimum Requirements for Paediatric Major Trauma have now been agreed.
- A series of Paediatric Trauma guidelines are in the process of being developed. ScotSTAR is currently working on developing the Paediatric Pre-Hospital Care guidelines.
- A series of meetings are taking place at the RHSC to discuss rehab and repatriation requirements for Paediatrics. There is an expectation that a MTC Rehab Clinical Lead will be appointed later in 2019.
- There are plans to advertise a Paediatric Advanced Nurse Practitioner at the end of April 2019.
- Paediatric Clinical Lead Jon McCormack is undergoing training alongside SAS Advanced Practitioners.

# Trauma Unit Updates

## Fife Trauma Unit

Victoria Hospital



- There are plans for Trauma Unit (TU) Surgeons in Fife to attend the Definitive Surgical Trauma Skills course (DSTS) in 2019.
- Radiology are online with the South East network CT protocol.
- Regular M&M Meetings are now taking place.
- Fife TU will be hosting the next Regional Clinical Governance group meeting in May 2019.
- Fife are working with Project and Rehabilitation teams to identify equipment and rehabilitation requirements for the Trauma Unit.
- A&E are hosting regular trauma training and simulation sessions for staff.
- A good level of engagement has been achieved with surgeons / anaesthesia.

## Borders Trauma Unit

Borders General Hospital



- Borders General Hospital has now established regular monthly M&M meetings with key learning outcomes being recorded and actioned.
- The Trauma Unit is currently assessing what an appropriate Trauma response should look like in the Borders.
- Borders are working with rehabilitation leads to identify TU rehab requirements.
- A Job Description for a Major Trauma Co-ordinator post is being developed.
- There are plans for all surgeons and anaesthetists to complete Trauma training.
- An Emergency Department and Staff Nurse training day is due to take place at the end of April.
- Some staff from Surgery will attend the Definitive Surgical Trauma Skills course in April.

## Forth Valley Trauma Unit

Forth Valley Royal Hospital



*Staff in Forth Valley at the end of their simulation training.*

- Recruitment for a Clinical Lead role for Forth Valley is currently out to advert with a closing date of 2nd April.
- The Scottish Centre for Simulation and Clinical Human Factors held a Trauma Simulation Event on 16th October 2018 (*Pictured opposite*). There was excellent engagement from within the workforce and included the filming of a Thoracotomy training video.
- Forth Valley has been engaging with Rehabilitation Leads and the Project Team to identify both capital and rehabilitation requirements for the TU.



# Regional Network News

## Regional Governance Meetings



The First Regional Governance Meeting was hosted by NHS Lothian in the Royal Infirmary of Edinburgh on 8th February.

The meetings will take place quarterly with each Board in the region rotating as hosts.

The meetings will involve a review of recent activity and Scottish Trauma Audit Group (STAG) data alongside discussion of cases involving cross-site working.

Standardised documentation for evaluating and recording each meeting has been agreed and key learning points from the first meeting have been circulated to members.

The next meeting will be hosted by NHS Fife on 10th May.

## Rehab Update

The Rehab Team in the region have had a busy few months, some highlights include:



- Rehabilitation will be made available at an early stage to ensure the best possible outcomes for patients. Where appropriate, once the patient has recovered enough, they will be returned to a hospital closer to their home to continue their rehabilitation. Where possible patients will return home, and receive ongoing rehabilitation treatment through local services as prescribed by the in-hospital

rehabilitation team. All of this comes together to 'save lives and give life back' following traumatic injury.

- Through the rehabilitation group scoping of different rehabilitation options will take place to endeavour to use innovative solutions for a national approach. Engagement with Integrated Joint Boards (IJBs) is essential to support this work. The functional outcomes of the rehabilitation programme will be maximised with the benefit of long term disability being reduced. It is expected that there will be a 20% decrease in long term disability identified in patient quality outcome reviews.
- Minimum requirements for rehab and repatriation have been agreed - the purpose of this document is to set out requirements for rehab services across the Scottish Trauma Network.
- The rehab pathway for trauma patients will be looked at from acute into community highlighting any gaps from point of discharge from the MTC and into the Trauma Units or community rehab setting
- Therapy staff are currently being consulted to help identify the skills mix and resource required for rehabilitation at a hyper-acute stage.
- Scoping is taking place to map the current rehab pathway for patients with Head Injury and MSK Trauma.
- Further working/local groups have been established including with Paediatrics, which will map current rehabilitation services, and develop recommendations for the future service in Scotland.

## Pre-hospital Care Update



- The SAS has been reviewing their use of tranexamic acid to ensure appropriate use amongst staff.
- SAS Advanced Practitioners are undergoing

additional training to improve and standardise competencies whilst they await the beginning of their official training course at Glasgow Caledonian University.

- Work is ongoing to try and identify the best means for NHS Boards to provide feedback and updates to the SAS on patient trauma cases.
- Pre-hospital care teams continue to engage with all sites in the South East Network to regularly review patient cases.

## Mass Casualty and Major Incident Planning

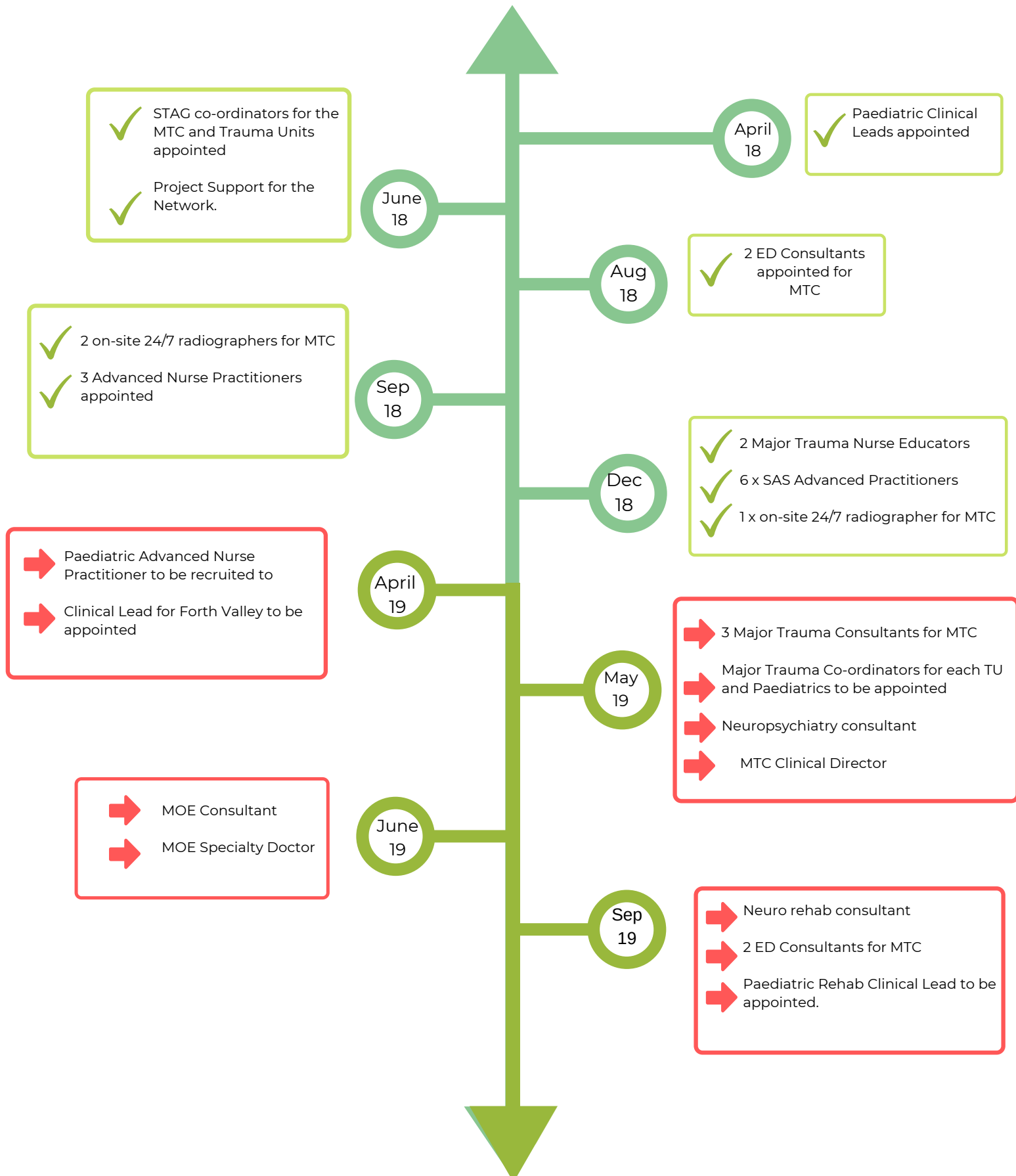
A National Major Incident and Mass Casualty working group has now been established with the aim of measuring Scotland's resilience and creating a plan for a Mass Casualty event.

A scoping activity took place in late 2018 to measure the number of patient's each Hospital can currently receive in Scotland. The results showed that Nationally the country is on target.



# Workforce and Education

A number of new appointments have been made to the South East Trauma Network team in 2018. Please see a summary of our new appointments below, as well as a look towards upcoming recruitment in 2019.

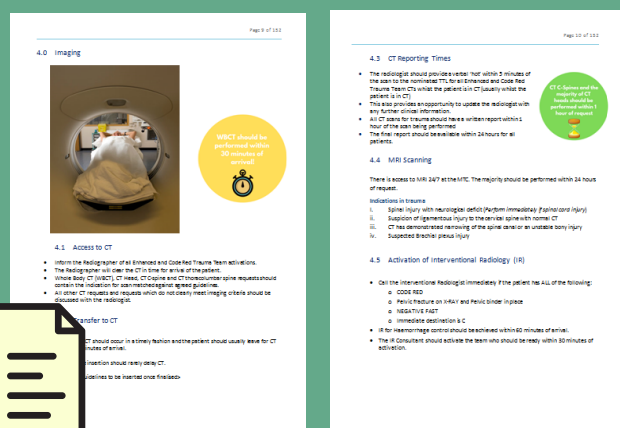


# Workforce and Education

## Trauma Management Guidelines

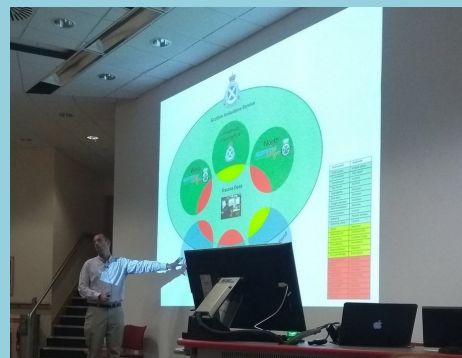
Trauma Management Guidelines have been developed by Dr Dean Kerslake (MTC Clinical Lead) and clinical colleagues across the South East Trauma Network.

The guidelines are currently being reviewed by each Trauma Unit and the Paediatric MTC. It is hoped a final version will be available in Spring 2019.



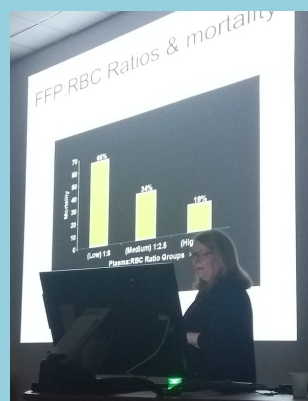
## Major Trauma Clinical Education Day

A Major Trauma Clinical Education Day took place on 12th December 2018. The event was attended by over 250 delegates from across the South East



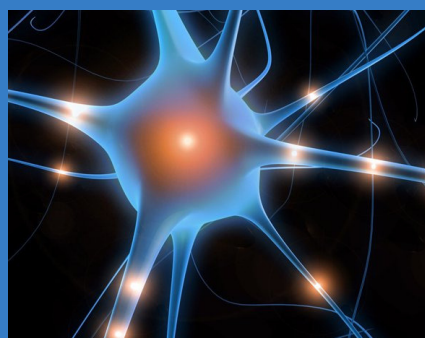
region and received excellent feedback from those in attendance.

Fifteen presentations were given through the course of the day on a wide range of topics such as Haematology; Pre-hospital Care; Anaesthesia and Head Trauma.



A big thank you from the South East region to all who were involved in making the day such a huge success.

## Scottish Acquired Brain Injury (SABIN's) Annual Trauma Conference



The Scottish Acquired Brain Injury Network held their annual trauma conference on 23rd November 2018.

The event was opened by MTC

Acute Rehab Lead, Professor Alan Carson and featured presentations on the STN by Dr Stuart McKechnie and a talk from David Birrell on his rehabilitation journey.

The event received an excellent level of engagement and feedback from the over 200 delegates in attendance.



## RHSC In-House Training



The RHSC continues to run regular on-site trauma team training.

The latest session took place on 30th November 2018 and involved skills and simulation training.

# Recent Achievements and Upcoming Milestones



## January



- ✓ Undertake review of patient transfers
- ✓ Pre-hospital care – enhanced care teams available 24/7
- ✓ Work began on developing patient repatriation protocol from MTC & TU to Community based services.
- ✓ Mapping finalised for existing rehab pathways for MSK and DCN at the RIE.



## February



- ✓ Inaugural Major Trauma Clinical Governance meeting
- ✓ Network wide pre-alert system for pre-alert and pre-hospital handover agreed.
- ✓ MT Nurse Educator to develop and agree training plan to meet requirements of trauma team.
- ✓ Progress recruitment models for key posts (MTC and TU's)
- ✓ National Paediatric minimum requirements agreed.
- ✓ Regional Trauma booklet agreed.
- ✓ Options Appraisal for location of the MTC Ward completed.

## March

- ✓ Agreement of Phase 3 Recruitment Plan.
- ✓ Job Descriptions for Rehab Co-ordinator for the MTC and Major Trauma Co-ordinator for the Trauma Units are finalised.
- ✓ A regional rehab plan/prescription to be developed.
- ✓ Major Trauma Clinical Guidelines to be reviewed by Trauma Units



## Upcoming Milestones

### April



- ➡ The Definitive Surgical Trauma Skills course is due to take place at the Royal College of Surgeons on 3rd and 4th April. All General Surgeons will complete the course by the time the MTC goes live in 2021/22.
- ➡ The regional trauma booklet is to be finalised by Easter 2019.
- ➡ RHSC – A Job description is to be developed for a Paediatric Advanced Nurse Practitioner.

### May

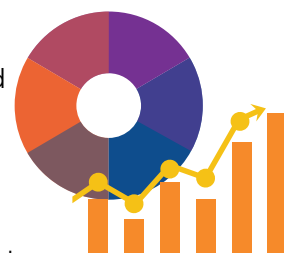
- ➡ A rehab and repatriation workshop is to be organised which will involve the region developing a repatriation protocol; network rehabilitation and regional major incident planning.
- ➡ The MTC RIE will continue to run multidisciplinary trauma team training days including simulation and skills station throughout 2019.
- ➡ Network Directory for Rehab services to be developed
- ➡ Major Trauma Operational Plan begins development.



## STAG Quality Improvement Workshop

STAG ran a Quality Improvement Workshop on 1st March 2019. The workshop was facilitated by Nancy Dixon who is the Director of Strategic Services at Healthcare Quality Quest and several members of staff from the South East region attended the day.

The Workshop focused on improving understanding of how to use STAG data and quality improvement tools to analyse problems and achieve improvements in the delivery of patient care and patient outcomes.



# Upcoming Events

## DSTS (Definitive Surgical Trauma Skills) Course

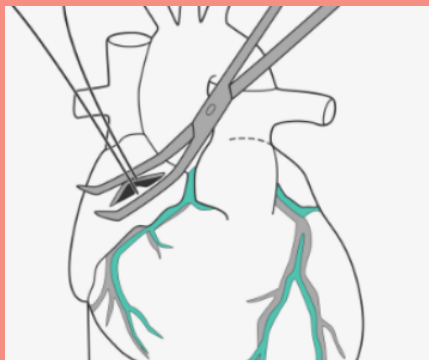
3rd - 4th April, Royal College of Surgeon's Edinburgh

The Definitive Surgical Trauma Skills (DSTS) course is due to take place at the Royal College of Surgeon's, Edinburgh on 3rd and 4th April 2019.

It is expected that a number of surgeons

from the Trauma Units and all General Surgeons from the MTC and RHSC will complete the course by the time the MTC goes live in 2020/2021.

For further information please click [here](#).



## Save The Date - Annual STN Conference

26 & 27 June 2019, Edinburgh Conference Centre, Further details to follow

The STN will hold its second annual conference at the Edinburgh International Conference Centre on the 26th and 27th June. This year's event will be run in collaboration with the Care of Burns in Scotland, The Scottish Acquired Brain Injury Network and the Scottish Trauma Audit Group. It is expected that registration for the event will be open shortly.



## TCAR (Trauma Care After Resuscitation)

Tuesday 8th and Wednesday 9th June, Robin Brook Centre London

**TCAR**

TRAUMA CARE AFTER RESUSCITATION



A 2-DAY TRAUMA FUNDAMENTALS COURSE

A two day course in trauma care after resuscitation is to be held later this year in London. Unlike trauma education programmes targeted at prehospital and emergency care providers, the Trauma Care After Resuscitation (TCAR) course is designed for acute care, critical care and perioperative nurses

working with trauma patients in Major Trauma Centres or Trauma Units. The course will also appeal to other health professionals working in trauma settings such as physiotherapists and occupational therapists.

To view the course brochure please click [here](#).

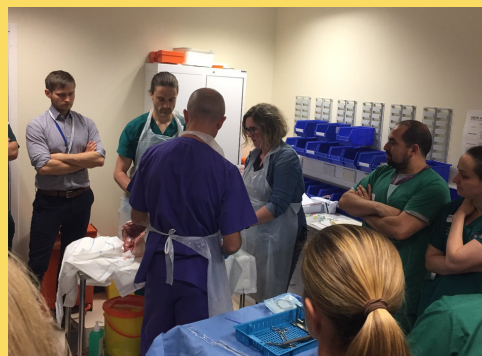
## RIE Multidisciplinary Trauma Team Training Days

The next session takes place on Monday 6th May at the Royal Infirmary of Edinburgh



The fifth on-site multidisciplinary trauma team training day took place on 21st September 2018. The day was attended from staff from a variety of disciplines at the RIE and included Pelvic Bleeder and Thoracotomy Team training.

The next on-site training day is due to take place on 6th May 2019.



# Members Profile

## Professor Alan Carson, MTC Acute Rehab Lead



Prof Carson has worked a Consultant Neuropsychiatrist in Edinburgh, split between the brain injury units at the Astley Ainslie Hospital and the Regional Neurosciences Unit at the Western General Hospital, for the last 16 years. He is also a Professor in Neuropsychiatry based in Clinical Brain Science at the University of Edinburgh.

He is routinely involved in undergraduate and postgraduate training and teaching. His primary research interest is in conversion (functional neurological) disorders but he has been involved in projects across a range of neuropsychiatric topics. The Functional Disorders Research group in Edinburgh, which he runs along with Jon Stone, has been among the field leaders over the last decade and produced influential work on clinical phenotype, classification, epidemiology and treatment. He has published over 100 papers but his favourite is getting a 'Jackie

style' picture story into Practical Neurology. Along with Mark Hallett, Chief of Human Motor Control NINDS, and Jon he published what they hope will be the landmark handbook for Neurology - Functional Neurological Disorders (Elsevier 2016). This was followed by hosting the International Conference on Functional (Psychogenic) Neurological Disorders in Edinburgh; the largest ever interdisciplinary meeting on the topic.

He holds a number of advisory posts in neuropsychiatry and is the clinical lead of the Scottish Managed Clinical Network for Acquired Brain Injury. He is the associate editor of the Journal of Neurology, Neurosurgery and Psychiatry and was the previous President of the British Neuropsychiatry Association. He was awarded the President's Medal for the Royal College of Psychiatrists in 2017.

## 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.



## 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



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