Welcome to the First Edition of the Children’s Major Trauma Network Newsletter

Welcome to the first edition of the North West Children’s Major Trauma Network Newsletter.

The newsletter’s aim is to support professionals working with Children in the North West and North Wales to improve outcomes for all children who have experienced a Major Trauma.

The newsletter will be produced by the Children’s Major Trauma Network team based at Alder Hey and Royal Manchester Children’s Hospital. Contributions and suggestions for future editions are invited from all readers who have an interest in Children’s Major Trauma.

Children’s Major Trauma Network Support Team Now Complete

Within the last year key appointments have been made to support the Children’s Major Trauma Network Team. Clinical leadership is provided by Naomi Davis, Consultant Paediatric Orthopaedic Surgeon at Royal Manchester Children’s Hospital and Bimal Mehta, Paediatric Emergency Consultant at Alder Hey Hospital. Each of the two children’s Major Trauma Centres has trauma coordinators for acute care and rehabilitation. At Alder Hey Tracey Shackleton (acute) and Sharon Charlton (rehabilitation) have been appointed and can be contacted via e-mail: tracey.shackleton@alderhey.nhs.uk sharon.charlton@alderhey.nhs.uk

At Royal Manchester Children’s Hospital the key coordinator contacts are Sam Jones (Acute) and Helen Blakesley (rehabilitation). They can be contacted via e-mail: samantha.jones@cmft.nhs.uk helen.blakesley@cmft.nhs.uk

TARN and admin support is provided by Debra Crampton at RMCH and Mary Biggane at Alder Hey.

The Children’s Major Trauma Network Manager is Mike Wafer who is based at RMCH and Alder Hey (michael.wafer@cmft.nhs.uk). Senior management support is provided by Anna Addison at RMCH and Rachel Greer at Alder Hey.

Issue 1
August 2013

Special points of interest:
- Welcome to the Newsletter
- What’s happened in the first year
- Forthcoming events of interest
- Accident Prevention in the North West
- ODNs
- Rehabilitation

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(The North West Major Trauma Network for Children also works with North Wales receiving children from Ysbyt Gwynedd, Ysbyt Glan Clywd and Wrexham Maelor Hospitals , and with Nobles Hospital on the Isle of Man)
How the Network is working in its First Year: Transfers in from Trauma Units and District General Hospitals to Children’s Major Trauma Centres

During the year April 1st 2012 to March 31st 2013 a combined total of 254 Children were recorded on TARN as being treated at Alder Hey and Royal Manchester Children’s hospital for Major Trauma with an ISS of 9 or above. The number of children transferred from units in the Network to the Major Trauma Units at Alder Hey and Royal Manchester Children’s Hospital is shown in the graph below. It is important to point out the first year has been a period of transition, with the Network pathways not becoming fully operational until October 2012.

Time Critical Transfers

At the June meeting of the North West Major Children’s Governance Board of this year new guidelines were agreed for time critical transfers from Trauma Units and District General Hospitals to Children’s Major Trauma Centres. In essence children must be transferred as quickly as possible to the Children’s Major Trauma Centre (Alder Hey or Royal Manchester Children’s Hospital). Only essential interventions should take place before transfer to the MTC agreed by the Consultant Trauma Team Leader in the Trauma Unit/DGH and the receiving Trauma Lead in the MTC, with advice being sought on transfer if required by NWTS. Transport of the patient is the responsibility of NWAS. The guidelines have been sent to all units – if you have not received a copy please request from michael.wafer@cmft.nhs.uk

New Report Shows Accidents to Children in the North West are the Second Highest in England

A new report has been published providing detailed information on accidents in Children in the North West, and is essential reading for all professionals providing care for children who have experienced Major Trauma. The report which has been written by the North West Public Health Observatory provides detailed information on hospital admissions, causes of injuries and hospital admissions. Information is also given by individual areas. To access the report please use the link below:  
Peer Review of the North West Children’s Trauma Network

Regional Trauma Networks (RTNs) went live across England in April 2012. In order to monitor progress of implementation, an indication of the state of development within the networks is required. This will be undertaken through a peer review process using trauma clinicians from across the RTNs as an external panel to examine progress and provide feedback. It will be based on a submission of a limited amount of evidence and a short site visit. This will give an indicator of progress and areas where further work is required. It will also enable the sharing of best practice and learning across networks. The process will be based on a self-assessment against the recommendations of the NHS Clinical Advisory Group on regional trauma networks (Sept 2010).

A provisional date for the North West Children’s Network has been set for November 2013. The process is that One week before visit completed template and supporting documentation is provided by the Network. On the day of the visit there will be a presentation to the panel, brief tour of the patient pathway and panel time to discuss informal feedback to RTN representatives. Formal feedback will be given within the month.

The first twelve months as a Major Trauma Centre: What has it looked like? A view from Alder Hey

From April 1 2012 – March 2013 118 cases were admitted to Alder Hey with an ISS of 9 or above with a steady increase being seen from October 2012 when the full network went live. There has been a very even split of transfers in and direct admissions. Almost a third of these were admitted as Neurosurgical cases with just under a half being Orthopaedic cases. 10 of the cases required a Multidisciplinary team to deal with their injuries. One quarter of the patients had an injury severity score of 15 or above which represents significant injury. Peaks for presentation to the MTC are appearing at school coming out time and post tea time as we would probably expect from a paediatric population. Already, in the first quarter of this year, we have seen a significant number of “severe injury” cases which has seen children being transported from as far away as the Isle of Man, Blackpool, Lancaster and Stafford for treatment. It appears that the Paediatric network is alive and well and providing the service that was promised to ensure best care for those who are most vulnerable. (Tracey Shackleton Trauma Coordinator).

Children’s Major Trauma ODN – What is it?

The new NHS includes a range of networks. It is anticipated that Children’s Major Trauma will be a separate Operational Delivery Network (ODN). Operational Delivery Networks are focussed on coordinating patient pathways between providers over a wide area to ensure access to specialist resources and expertise. Provider clinicians dominate their membership, though work closely with patients and other stakeholders. As ODNs develop we will keep you informed through this newsletter. Further information on ODNs is available from http://www.england.nhs.uk/wp-content/uploads/2013/01/odn-update.pdf

Rehabilitation Following Major Trauma in Children

Rehabilitation in the care of the child who has experienced major trauma is an essential part of the pathway of care. A significant number of children have prolonged hospital stays at Alder Hey and Royal Manchester Children’s Hospital post trauma because of the need for specialised medical, therapy and other services. The Children’s Major Trauma Network wishes to develop a network of professionals in the North West who are interested in the rehabilitation to support the transfer of children nearer to their own home as soon as possible.

Each child who is admitted as an inpatient to one of the Major Trauma Centres will be assessed and have a Rehabilitation Prescription. The Rehabilitation Prescription is a standardised MDT assessment which addresses the medical, social, nursing, therapy, educational and psychological needs of the child. When a child with a major trauma injury is transferred back to their locality you can expect to receive their rehabilitation prescription as part of their transfer documentation. If a Rehabilitation Prescription has not been provided please contact the relevant Rehabilitation Co-ordinator at the referring MTC. (Helen Blakesley)

For more information regarding MT Rehabilitation or for further enquires please contact the MTC Rehabilitation Coordinators- Helen Blakesley at RMCH or Sharon Charlton at Alder Hey Children’s Hospital.
Royal Manchester Children's Hospital: The First Year

Royal Manchester Children’s Hospital (RMCH) opened as a Major Trauma Centre on the 16th April 2012. The Major Trauma Centre had a phased approach to accepting Major Trauma Patients and went live 24/7 on 20th October 2012. During the year April 1st 2012—March 31st 2013 RMCH received 136 Tarn eligible trauma patients with Injury Severity Scores (ISS) of 9 and above.

Patients with an Injury Severity Score of 15 and above are considered to be suffering from more severe trauma, such as a significant head injury. 81 patients had an Injury Severity Score of 15 and above. Table 1 shows the frequency of the different modes of admission to the major trauma centre, most commonly patients were transferred into the trauma centre from trauma units and district hospitals. This may be explained by the fact that during phasing patient may not have come directly to the Major Trauma Centre. (Sam Jones RMCH, Acute Major Trauma Coordinator)

Table 1. Frequency of different modes of admission to the Major Trauma Centre.

<table>
<thead>
<tr>
<th>Mode of Admission</th>
<th>Direct via Ambulance to MTC</th>
<th>Transfer in from a Trauma Unit/District General Hospital to MTC</th>
<th>Direct Self Presentation</th>
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<tr>
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<tr>
<td></td>
<td>39</td>
<td>97</td>
<td>0</td>
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Future Events

Friday 6th September 2013: Children’s Major Trauma Governance Meeting 2pm.

Wednesday 9th October 2013, 2nd TARN Focus Day, Manchester City Centre, (Contact TARN for information)

Thursday 10th October 2013, North West & North Wales Paediatric Networks Conference All day event, Speke, Liverpool

Contributions to Future Editions

This newsletter aims to be useful for all people involved in the care of children for any stage of the major trauma pathway. Please contact the network on any topics that you would like to see in this newsletter or if you would like to contribute please do. For contributions or suggestions please email michael.wafer@cmft.nhs.uk