## **Public Document Pack**

Supplementary information for Scrutiny Board Health and Wellbeing and Adult Social Care meeting – 25<sup>th</sup> January 2012:

Draft Leeds Tobacco Action Plan – (agenda item 7)

Major Trauma in Yorkshire – additional information (agenda item 9)

Review of Children's Neurological Services – additional information (agenda item 10)



Version: 17<sup>th</sup> January 2012 (Version 5 (4))

Help protect people from the harm fuleffects of tobacco.

**Delivery Lead: Brenda Fullard** 

#### **Performance Indicator**

Reduce the prevalence of the adults over 18 who smoke from 23% to 21% by 2015

### **Priority Actions**

Priority Action 1 - Establish an infrastructure to achieve comprehensive tobacco control

Action	Targeting	Action Owner	Contributing Officers	Milestone or Target
Establish a tobacco control management group to address tobacco control through strategic multi-agency partnership working, senior level accountability and a dedicated resource	Tobacco plan action owners	Brenda Fullard: NHS	Heather Thomson: NHS Elizabeth Bailey: LCC	Developed, implemented, monitored and performance managed Leeds tobacco action plan in place

Maximise influence	Council officers; local	Brenda Fullard: NHS	Heather Thomson: NHS	Tobacco control alliance
on national, tobacco	businesses; schools		Elizabeth Bailey: LCC	advocacy, engagement
industry and local	and colleges; children			and communication plan
policy by building a	and youth groups;			in place
tobacco control	local councillors/MPs;			
alliance that involves	NHS providers			
both the public and	including coronary			
organisations	care, maternity			
	respiratory and			
	mental health			
	services; Trading			
	Standards officers;			
	Environmental Health			
	officers; HM Revenue			
	& Customs; police;			
	fire and rescue			
	services; civil society			
	groups			
Measure return on		Specialist Public	Heather Thomson: NHS	Report completed by July
investment of		Health Registrar	Brenda Fullard NHS	2012
tobacco control		(TBC)	Elizabeth Bailey: LCC	
actions				

Version: 17<sup>th</sup> January 2012 (Version 5 (4))

		Tolon: 17 Gandary 2012		1
Develop and		Paul Lambert	Tobacco control management	Stakeholder mapping and
implement			group, tobacco alliance	management exercise
communications and				completed
advocacy programme				
that cuts across all				Annual programme
priority actions in the				agreed and aligned with
tobacco action plan				national tobacco
				campaigns
Establish a central		Nichola Stephens	Frank Wood	Established systems for
point / team for data			James Womack	collection of data to
collection and			Adam Taylor	evidence progress against
information to support			Heather Thomson	target and completion of
tobacco control work			All action owners	report cards
Ensure	GP practices	Nichola Stephens	James Womack	Timely data collected on a
comprehensive			Heather Thomson	quarterly basis
collection of				
information and data				
on smoking status of				
patients attending GP				
practices				

### Priority Action 2- Preventing the uptake of smoking

This priority action will incorporate the following strands of the national tobacco action plan:

- Stopping the promotion of tobacco
- Making tobacco less affordable
- Effective regulation of tobacco products
- Effective communications for tobacco control

Action	Targeting	Action Owner	Contributing Officers	Milestone or Target	

Support retailers to implement the legislation on removal of tobacco product displays	Retailers citywide	Trading standards - officer to be confirmed (TBC)	TBC	All large retailers no longer displaying tobacco products by April 2012 All smaller retailers no longer displaying tobacco products by xxxx 2015
Scrutinise arrangements for public events to identify and address covert tobacco industry promotions.	TBC	Trading standards - officer TBC	TBC	TBC
Raise awareness of magistrates of the social, health and economic impact of sales to under 18s to encourage maximum penalties.	Magistrates	Trading Standards- officer to be confirmed (TBC)	TBC	TBC
Introduce programmes to tackle retailers selling tobacco to under 18s	Retailers within specific areas of high smoking prevalence  Retailers who are situated with walking distances of high schools	Trading Standards- officer to be confirmed (TBC)	TBC	Reduce the percentage of retailers who when tested sell tobacco to under 18s

		Toloni. IT danaary 2012	(10101110 (1))	
Roll out a schools	Children in school	NHS ABL: Gemma	University of Leeds	TBC
based social norms	year 8 within specific	Mann	NHS ABL	
programme to	areas of high smoking		Education Leeds	
prevent the uptake of	prevalence		Space 2	
smoking among				
young people subject				
to evaluation of pilot				
due June 2012.				
_				
Engage young	Children and young	Child Friendly City:	Paul Lambert: NHS	Increase in the number of
people in advocacy	people	Officer TBC	Gemma Mann NHS	local children's voices on tobacco
on health and			Youth Agency	lobacco
environmental				
impacts of tobacco,				
linking with the Child				
Friendly City strategy		Ion Comoron: NUS	Dogional DDHa HMDC	TBC
Work with regional network of Directors		Ian Cameron: NHS	Regional DPHs, HMRC,	IBC
of Public health to			police, trading standards	
increase levels of				
activity on counterfeit and smuggled				
tobacco				
เบอลเเบ				

Version: 17<sup>th</sup> January 2012 (Version 5 (4))

Create better links	Graham Wilson: LCC	Evidence of environmental
between regulatory	Environmental	health linked to trading
partners so that	Health/ Trading	standards more effectively
inspectors "eyes and	standards officer	
ears" can be used to	(TBC)	
enhance referrals of		
illicit tobacco found in		
premises		

### Priority Action 3- Helping tobacco users to quit

This priority action will incorporate the following strands of the national tobacco action plan:

- Helping tobacco users to quit
- Effective communications for tobacco control

Action	Targeting	Action Owner	Contributing Officers	Milestone or Target
Commission cost	Communities with	Heather Thomson:	Brenda Fullard: NHS	Standards commissioned
effective stop smoking services for Leeds in line with evidence and best practice	high prevalence of smoking, pregnant women, smokers with long term mental/ physical health and wellbeing conditions	NHS	Karen Haw : LCHC	services assure consistent quality across Leeds
To raise the	All service providers	Heather Thomson	Paul Lambert	All service providers will
standards of		NHS	Leeds NHS Stop Smoking	have achieved NHS
commissioned			Service	Centre for Smoking
services to assure				Cessation and Training
consistent quality				certification by March
across Leeds	W			2013

Work with health and social care providers to establish systems to support the delivery of stop smoking interventions in a range of settings	Adult smokers, specifically those form routine and manual groups, and vulnerable groups. Referrers to smoking cessation services, particularly those working in health and social care	Heather Thomson NHS	Leeds Let's Change project team: Leeds NHS Stop Smoking Service	Increase the number of interventions delivered and referrals to stop smoking services
Deliver training to increase the number and confidence of frontline staff to be able to identify smokers who may wish to quit and provide advice and signposting to services	Adult smokers, specifically those form routine and manual groups, and vulnerable groups. Referrers to smoking cessation services, particularly those working in health and social care	Heather Thomson NHS	Leeds Let's Change project team: Leeds NHS Stop Smoking Service	Increase the number of frontline staff who are confident to deliver brief interventions for smoking cessation
Ensure referral to for smoking cessation support is integrated into long term condition care pathways	Adult smokers on LTC registers	Heather Thomson NHS	Lucy Jackson(TBC)	Increase in the number of patients on LTC registers accessing smoking cessation support

Ensure midwives	Pregnant smokers	Sharon Yellin: Public	Karen Haw: Leeds: NHS Stop	Increase the number of
receive training and		Health, NHS	Smoking Service LCH,	pregnant women
development to			Heather Thomson: NHS	accessing smoking
identify pregnant			Head of Midwifery: LTHT	services
women who smoke			Jane Mischenko: NHS	Full implementation of
and deliver effective			Commissioning	NICE Guidance for
interventions.				smoking in pregnancy
Increase priority access	Babies born to families	Andrea Richardson:	Jane Mischenko: NHS	Clear service entitlement
to stop smoking	living in deprived areas	LCC	Commissioning,	across health, early
services within Leeds	of Leeds and families		Sam Prince: LCHT	education and family support
Early Start Service	with complex needs		Sal Tariq: LCC	for families at risk
	e.g. substance misuse, mental health,		Sue May: LCC Heather Thomson: NHS	
	offenders, teenage		Ticatrici Triomson. 14110	
	parents/carers			
Develop a workplace	GPCCs, LCC, LTHT,	Dawn Bailey : NHS	Leeds NHS Stop Smoking	Increase in the number of
programme to	LPFT, LCHC, alliance		Service	Boards of local
reduce the number of	partners who are		Lorraine Shuker: NHS	organisations signing up
employees who	employers and		Chris Ingham: LCC	to prioritise tobacco
smoke	commercial sector		Lisa Mallinson: LCC	policies and support staff
			Jane Hopkins: LCC	to stop smoking
			LTHT	
			LPFT	
			LCHC	
			GPs	

Version: 17<sup>th</sup> January 2012 (Version 5 (4))

Support smokers who	Adult smokers in	Heather Thomson:	Third Sector, Pharmacists,	More clinically effective
wish to quit smoking	neighbourhoods with	NHS		and value for money
without using services	high smoking			options available and
	prevalence			promoted to increase
				quitting without services
To develop a	Adult smokers in	Paul Lambert NHS	Heather Thomson	Pilot currently being
community social	neighbourhoods with		Space 2	delivered in Seacroft,
norms programme to	high smoking			evaluation due June 2012.
promote smoke free	prevalence			Develop roll out plan if
as the norm				effective
Increase the number	Localities with higher	Bash Uppal: LCC	Brenda Fullard: NHS,	Increase in the number of
of people who are	levels of infant		Karen Haw: LCHC,	people who attend stop
aware of stop	mortality, integrated		Elizabeth Bailey: LCC,	smoking services as a
smoking services	health and ASC		Public Health	result of MARs
through the Multi-	projects, people		Neighbourhoods team: NHS	
agency Referral	receiving home			
Scheme (MARS)	insulation visits			
Implement a	Adult smokers in	Heather Thomson	Leeds Let's Change project	Increase in the numbers of
communications plan	neighbourhoods with	NHS	team:	people accessing Stop
on risks of tobacco	high smoking		Leeds NHS Stop Smoking	Smoking Services
use and how to quit	prevalence		Service	

### Priority Action 4 - Protecting the population from the environmental impacts of tobacco

This priority action will incorporate the following strands of the national tobacco action plan:

- Reducing exposure to second-hand smoke
- Effective communications for tobacco control

		noion. Ir danaary 2012	( ) ( ) ( ) ( ) ( )	
Respond to	Citywide workplaces	Graham Wilson: LCC		
complaints about	and hospitality	Environmental Health		
premises which are	establishments			
not smoke free				
Lobby government to	National policy	Graham Wilson: LCC	Leeds Tobacco Alliance	
change and make the	makers	Environmental Health		
smoke free legislation enforceable				
Annual reminder	All premises which	Graham Wilson: LCC		
letter on the smoke-	are believed to	Environmental Health		
free legislation	encourage smoking			
requirements	on site.			
Develop a community	Middle Super Output	Paul Lambert NHS	Heather Thomson	
social norms	Areas (MSOAs) with		Locality Health Improvement	
programme to	the highest		Managers: LCC (TBC)	
promote smoke free	prevalence of			
as the norm	smoking			
Integrate smoke free	Families living in	Gemma Mann: NHS	West Yorkshire Fire ad	Increase in the numbers of
homes programme	areas of high		Rescue Service	homes that pledge to be
into wider community	smoking prevalence		Early years	smoke free
initiatives e.g. home			Children's Centres	
fire checks and family			ALMOs	
and children's				
programmes				

Investigate the use of a voluntary compliance approach to reduce smoking in	LCC children's play areas, school grounds, areas around schools	Environmental Health - officer to be confirmed (TBC)	Paul Lambert NHS	Increase in the number of enforced designated smoke-free outdoor areas
outdoor family areas Include actions on tobacco control within the delivery of West Yorkshire Fire and rescue fire prevention and protection programme (TBC)		Sarah Laidlow- Moore: West Yorkshire Fire and Rescue Service (TBC)		Reduce the incidence of smoking related fires



This page is intentionally left blank

# MAJOR TRAUMA IN YORKSHIRE AND THE HUMBER: ADDITIONAL INFORMATION FROM LEEDS TEACHING HOSPITALS NHS TRUST

#### **Leeds Teaching Hospitals Trust**

# Y&H Major Trauma Network information requested by Leeds Health Scrutiny Board 25th January 2012

#### Overview

- Establishing a major trauma network is mandated by the NHS Operating Framework 2010-11 and the NHS has therefore been committed to change by the Secretary of State for Health and Parliament.
- Leeds Teaching Hospitals Trust (LTHT) board are committed in principle to supporting this designation as it will clearly benefit critically ill patients to be treated at LGI, but the board has a duty to ensure that other services and patients are not adversely affected if we are chosen to host the Major Trauma Centre.
- We are still in negotiation about how the NHS can best mitigate the impact of this change. It will require us to find extra capacity at an already busy City centre hospital and extra money to cope with that changing demand. We are hopeful of reaching agreement soon.

#### **Background**

The major trauma programme was established in 2009 and has involved all NHS organisations in the region, coordinated by NHS Yorkshire and the Humber. Patients, charities and stakeholders are engaged in the process. The proposals have evolved and they continue to change as issues are addressed in detail and we move, in West Yorkshire, towards opening the network in April (phase 1).

Major trauma data is incomplete and therefore providing definitive major trauma patient numbers is difficult. We have undertaken *activity & financial modelling* work based on the best data available to provide a sensible best estimate. The Regional NHS approach is designed is phases so that changes to patient flows are in (as much as possible) aligned with the available capacity within major trauma centres and do not compromise local trauma services.

LTHT have discussed with the Strategic Health Authority the level of public engagement required which has, to date been co-ordinated at this level by Strategic Commissioning Group (SCG) of Primary Care Trusts. For the West Yorkshire network the main patient movement will be from the surrounding Trauma Units to Leeds General Infirmary.

LTHT is trying to manage this change be ensuring that this increase in complex workload is matched by sufficient capacity to cope so we avoid any impact on Leeds's own trauma patients. To mitigate any risks from activity change a network will actively coordinate existing services with a Trauma Co-ordination team repatriating patients back to local trauma units (based in the District General Hospital's of the Region) as soon as their initial treatment has been completed —

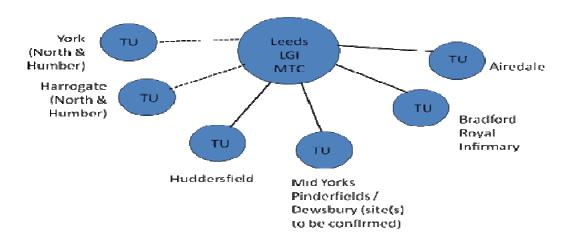
our working assumption is that patients will probably spend the first seven days of their treatment in LGI - though this will depend on the severity of their injury.

This development for West Yorkshire does not see services decommissioned. And, whilst the change to outcomes for an individual patient could be dramatic (return to fully able life rather than life changing disability), the NHS across England does not view this as "significant change" to service.

#### Specific information requested by Leeds OSC

# Details of the proposed networks / patient flows - including projected patient numbers

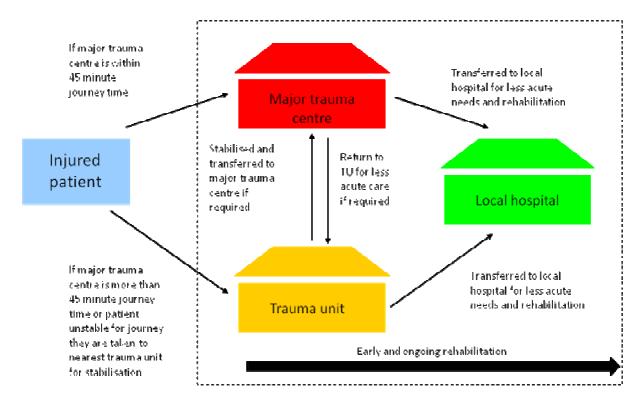
The West Yorkshire network has LGI as the Major Trauma Centre (MTC) with a number of Trauma Units (TUs) in the district general hospitals surrounding the city.



#### Details on the implications / benefits for patients

What will the network mean for patients who sustain major trauma?

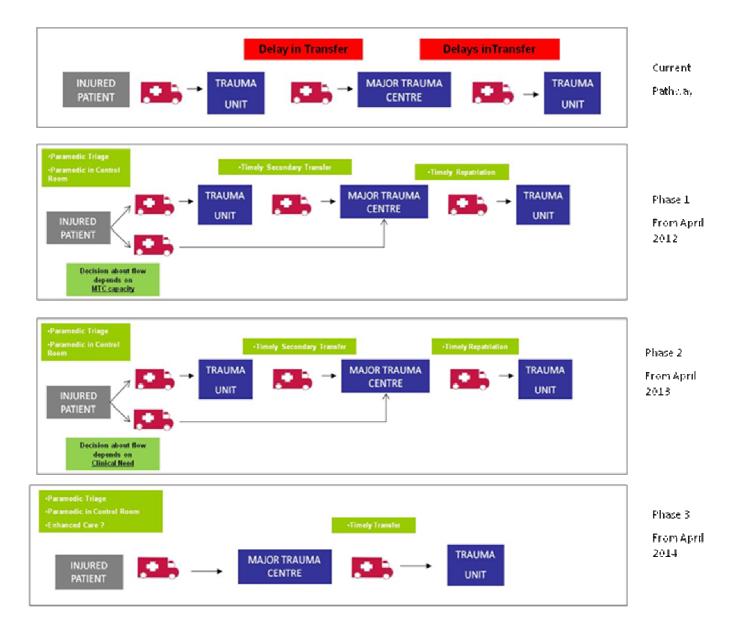
- Major trauma patients will be assessed immediately and taken directly to the Major Trauma Centre. If they arrive first at a Trauma Unit (TU) there will be no delay in transferring them to receive the specialist care they require. Many of these patients will currently be taken to a major trauma centre, but only after having initially being taken to their local hospital and then potentially delayed waiting for tests and a transfer for the more specialist care they urgently require
- As soon as it is clinically appropriate to do so patients will be transferred back to their local hospital for follow up care and to begin their rehabilitation. Our working assumption on this is up to seven days at LGI.
- The impact of this improved coordination will mean quicker diagnosis and specialist treatment for patients resulting in a better change of avoiding death or long-term disability and access to highest grade of treatment available in the Region's Teaching Hospital.



A phased approach will be taken to implementation to help ensure that demand meets capacity within the system.

The phasing described in the diagram below will run from 1 April 2012 to 2014. It is proposed that phase 1 commences in April 2012 with the implementation of a senior paramedic in the ambulance control room who will liaise directly with the paramedic on scene and the Major Trauma Centre to determine the clinical needs of the patient and the most suitable destination based on an assessment of clinical condition and Centre capacity.

As a result of these changes small numbers of extra patients are expected in the first phase. The main impact of this phase is to bring patients who already access the facilities of Leeds earlier in their pathway and repatriate them to local hospitals in a timely manner. Funding does remain an issue which needs agreement, however, we remain committed in principle to supporting the move to centralisation is this is at all possible and believe that an equitable solution can be found before we move to full implementation.



By introducing a major trauma network we will:

- Significantly improve the numbers of major trauma patients making a recovery to a "non-dependent" life. Currently 75% are left with a significant long-term disability.
- Save lives (an estimated 15% reduction in lives lost), in Yorkshire and the Humber we estimate that we can save an additional 30 lives a year (Source: Cost Effectiveness of Regional Networks for Major Trauma in England 2011)
- Improve access to specialist services regardless of where in the region they are injured – reducing variations in treatment and outcomes
- Reduce Length of Stay (LOS) by an estimated 4 days due to earlier transfers, more rapid and definitive care and fewer complications (Source: NCEPOD Regional trauma system guidance for commissioners 2009)
- Improve access to rehabilitation services for all

#### Details on the likely impact on other LTHT hospital based services

Modelling from the Yorkshire & Humber Observatory (YHO) indicates an annual shift of 521 major trauma patients from the TUs to LGI, an increase of 68%, taking the total number of major trauma patients treated in Leeds from 758 to 1279 a year.

The 758 patients LGI currently treats in a year include patients that are currently received as secondary transfers from other trusts within the sub-region. It is likely that a proportion of the additional 521 patients would also have been received by LTHT as secondary transfers from other trusts.

However, there are concerns over the accuracy of the modelling and the impact of over-triage (patients diverted to the MTC from scene of incident when their injuries do not require this level of intervention) has yet to be fully understood. Experience from London suggests for every major trauma patient, two more suspected MT patients arrive in the Emergency Department who thankfully do not require MT specialist care. The unanticipated impact of these patients could have a significant impact on the Emergency Department, plus have a knock-on effect on other services as these patients are treated before being sent to their local Trauma Unit. The subregion will therefore work very closely with Yorkshire Ambulance Service (YAS) during phase 1 to understand and mitigate the impact.

LTHT are establishing the Clinical Governance / Quality Improvement programme for the sub-region, with the first meeting scheduled for January 2012. During this phase, preparatory work will be undertaken to ensure the network is ready for direct transfer of patients and also improve the current provision of major trauma care for patients that are already transferred between trusts as secondary transfers.

Monthly meetings for clinicians and managers will focus on:

- Development of cross organisational patient pathways that ensure timely and efficient secondary transfer and repatriation
- Development of protocols that ensure consistent clinical management and improved patient experience
- Development of Key Performance Indicators
- Cross organisations clinical governance meetings, analysis of morbidity and mortality, outcome data
- Establish data capture to inform Activity and Finance monitoring
- Establish sub regional infrastructure to support the management of the Major Trauma Network.

It is proposed that from April 2012 we will receive direct transfers to Leeds General Infirmary (LGI) based on clinical need. We have a way to go to reach agreement about this with our commissioner. There is still a disagreement about the number of patients we can realistically treat. The level of clinical need is yet to be determined and until this is, there is a risk to this phase.

We believe that in the first phase this will be a small number of patients with severe major trauma, such as head injuries, who would probably already be transferred to LGI as secondary transfers under the current model.

From April 2012 LTHT will also accept secondary transfers from Trauma Units (TUs) within 2 days of initial request. As stated previously, LTHT already receive a number of major trauma patients from local TUs as secondary transfers. The requirement to receive them in a timely manner will make having robust repatriation and discharge protocols in place critical to avoid having a negative impact on LTHT's ability to manage existing activity; this work will be developed through the Clinical Governance / Quality Improvement Forum.

Early calculations about what it will cost to implement the phase 2 suggest that LTHT could need to find up to £5.3 million above the tariff being currently offered for this service. Phase 3 extends this to the provision of comprehensive long-term rehabilitation which, so far, has not been accounted for in any of the financial modelling.

There will also be financial pressures felt by Trauma Units (based in the district general hospitals in the rest of West Yorkshire) if they lose activity but are unable to remove any of their fixed costs there will be financial consequences.

LTHT and the rest of the Western sub-region network have therefore only agreed to progress to phase 2 once the financial issues are resolved. Moving into this phase will require agreement by all Trust Boards within the sub-region.

LTHT board are committed in principle to supporting this designation as it is the best thing to do for critically ill patients, but we also must ensure that our other services and patients are not adversely affected.

#### Impact on other related services and/or organisations (e.g. YAS, Embrace)

- We have been informed that an analysis of the ambulance service business case for implementing the major trauma network has been undertaken and a "confirm and challenge" process, led by senior managers and clinicians has tested the plans.
- YAS do want consistency in approach across their operating region we support this call.
- The Network structures are being designed to ensure a whole system view is taken into account allowing any cross boarder issues to be identified and addressed early than at present.

**Leeds Teaching Hospitals Trust** 

January 2012

# CHILDREN'S NEUROLOGICAL SERVICES: ADDITIONAL INFORMATION FROM LEEDS TEACHING HOSPITALS NHS TRUST

#### **Leeds Teaching Hospitals**

#### Children's Neurosurgery Review

Information provided for the Leeds HOSC re the above as at 16th January 2012.

Service Profile - The service based at the Leed's Children's Hospital, LTHT delivers care to approx 2,500 children per annum.

This service provides 500 day case and inpatient operations/procedures and supports 2,000 outpatients per year.

#### 1) Timetable

The timetable for the review is currently unclear and has not been made generally available. The most recent Newsletter stated Spring 2012 for the start of implementation.

#### 1.1) History to date:

Over the course of the review there are three distinct work streams that have evolved. The first is the proposal to establish Children's Neurosurgical Networks, the second is the need to provide additional complex epilepsy surgical treatments supported by strong multi-disciplinary team assessments, and the third is establishing a national/regional multi-disciplinary team review to agree the clinical plan for rare and complex Brain Tumours which would support treatments provided in centres across the country. Detail of these work streams is provided within this briefing.

Safe and Sustainable first published draft standards in November 2009. Yorkshire and Humber OSC were invited (and attended) an engagement event on 30 November 2009. OSC's were asked to provide comments on the draft standards.

2010 - The Model of Care Group was established to develop exemplar pathways and standards for brain tumour, brain trauma, hydrocephalus, spinal dysraphism and epilepsy

2010 - Steers and Stower undertook a fact finding visit of the current children's neurosurgical centres and published a report.

November 2010 - Parents interviews and workshops were held around the country and report published with key findings.

November 2010 - A clinical workshop was held to agree the model of care and pathways held in November

June 2011 - The Steering Group agreed the circulation of two documents for comments from Professional organisations

- Children's Neurosurgical Services in England: A Framework for the Future
- Children's Neurosurgery draft service specification standards May 2011

These documents have been amended and are due for wider circulation and comment in January 2012 - these have not been received as yet.

#### 1.2) Epilepsy Procurement

The Advisory Group for National Specialised Services (AGNSS) has agreed the case made for commissioning additional complex epilepsy surgical treatments supported by strong multidisciplinary assessment teams. The process for procuring these services is currently underway with recommendations for national designation being made to AGNSS in February 2012.

Leeds submitted a joint consortia bid with Sheffield and Newcastle against the Epilepsy procurement - this was successful at Stage 1 but unfortunately did not progress beyond Stage 2. The parties in the consortia withdraw the bid as we could not agree on all aspects of the bid.

This does mean that pending the recommendations from AGNSS in February that children and families from Leeds and West Yorkshire may have to travel outside of the Yorkshire and Humber region to access complex Epilepsy surgery.

#### 2) Profile of service users

The Children's Neurosurgical review encompasses children from 0-18 years, (up to the 19th birthday). Some aspects of the review do include antenatal diagnosis. The review focuses on 4 main patient pathways;

- Hydrocephalus
- o Brain Tumours
- Epilepsy
- o Brain Trauma

The average length of for a patient undergoing care for a Neurosurgical condition is 3.4 days. However much of the child's care is undertaken by the Paediatric Neurologists and the extended multidisciplinary team, whereby there are much longer pathways involved for children and their families. The inpatient aspect of care can for example many months in the case of children undergoing rehabilitation following brain trauma.

#### 3) Access to services

Currently there are services based in;

- Leeds Teaching Hospitals NHS Trust on the Leeds General Infirmary site
- Sheffield Children's Hospital NHS Foundation Trust and Sheffield Teaching Hospitals NHS Foundation Trust Royal Hallamshire Hospital site.
- Hull and East Yorkshire NHS Trust Hull Royal Infirmary site. The numbers of Paediatric Neurosurgical operations undertaken in Hull are very small and SCG have advised that the service in Hull should not be viewed as a stand alone service. The Hull service is strategically aligned to the Leeds service.

Page 20 2

#### 4) Numbers and patient flows

The Paediatric Neurosurgical review has concluded that the evolution via a managed network approach consisting of all current children's neurosurgical centres working to agreed standards of care is the best way forward.

- 1. All the different hospitals and trusts contributing to the child's care will have formal agreement to work together with an identifiable leadership team.
- 2. They have a shared approach to collecting information, measuring quality and improvement in care.
- 3. They share policies, clinical guidelines and protocols for care.
- 4. They share common aspects of training and development.
- 5. There is a regular shared assessment and review against standards.
- 6. There is common record keeping.
- 7. They can share and transfer images and scans between the different hospitals so that the right expert can see and advise about care and treatment. They must have an education and training plan for different staff groups within the centre and across the network.
- 8. They can develop co-ordinated approaches to audit, and research.

What this actually means in terms of patient flows is unclear since it is envisaged that all the current centres will remain.

#### 5) Facilities

The service based on the Leeds General Infirmary site benefits from vertical integration with all of the Children's services on one site, and horizontal integration with the adult neurosurgical service. This ensures that children with these life long conditions can be transitioned to care as an Adult in an optimum service model. The Leeds service provides services across the full range of conditions included in the scope of the review.

#### 6) Impact on related services

It is not feasible to assess at this stage of the review, it will depend upon the outcome of the networks and the procurement of the highly specialist clinical services highlighted in this paper.

It is of some concern to Leeds Teaching Hospitals that when you consider not only this review, but other similar reviews e.g. the Congenital Cardiac Review/s for children and Adults there could be a significant knock impact to a range of other services provided from the Leed's Children's Hospital.

Losing specialist services does have wider impacts on critical care, other medical and surgical specialities. This is something that needs to be kept under review as the detail of the specific service reviews and their implementation emerges.

Stacey Hunter
Divisional General Manager
Leeds Teaching Hospitals
January 2012

3

This page is intentionally left blank