SDR in Scotland

We now have a service for selective dorsal rhizotomy (SDR) in Scotland. This surgical intervention aims to optimise walking function in children who fulfil the criteria for SDR. Prior to the launch of the Scottish SDR service, we sent patients to units in England or some families raised funds to have surgery abroad.

About the service

Our team are delighted to be able to offer a service comprising a national multi-disciplinary clinical team with representatives from Neurology, Neurosurgery, Orthopaedic Surgery, Physiotherapy, Bioengineering and Orthotics. The national team meet four times a year to discuss the management plan for patients who fulfil the criteria for SDR. SDR is just one aspect of the Tone Management Service and surgery is offered in the children’s hospitals in Glasgow and Edinburgh.

How to refer a patient

Guidelines on how to refer a patient to the national SDR service is available on the MSN website:
www.msn-neuro.scot.nhs.uk

The story so far

The first two patients have completed their in-patient surgical stay and are successfully working on their rehabilitation programmes with their community physiotherapy teams. A third patient had surgery in September and is doing well.

Follow-up of all patients is planned until the end of growth to monitor early and long term changes in walking after surgery. Outcome measures after SDR surgery will be recorded as part of the Cerebral Palsy Integrated Pathway Scotland (CPIPS) Patient Management System. CPIPS is used nationally to monitor physiotherapy and orthopaedic care for all children with Cerebral Palsy.

The children and their families

Feedback about the service from the patients’ families has been very positive and in particular they were pleased to be able to have the surgery here in Scotland.

Further information and leaflets for patients are available on the MSN website:
www.msn-neuro.scot.nhs.uk
Information Road Shows
A number of road shows have now been delivered across Scotland by Dawn Houston and Val Kennedy, physiotherapy leads for the SDR service. The road shows provide information about the referral pathway and criteria for the Scottish service as well as information about the surgery, pre-habilitation and rehabilitation and the outcome measures the service will use.

More than 105 people have attended road shows to date and feedback has been very positive with participants describing them as useful and informative. In addition to a good turnout by physiotherapists, there was also participation by orthotists, medical and nursing colleagues and health care support workers.

If you would like a road show in your area please contact: Jacquie.Bruce@ggc.scot.nhs.uk

National MDT Meetings
The next National MDT meeting is scheduled for 20\textsuperscript{th} December 2017 in Glasgow and we look forward to receiving referrals for discussion. The spring meeting is scheduled for 7\textsuperscript{th} February 2018 in Edinburgh.

The referral pathway and form are available on the MSN website: www.msn-neuro.scot.nhs.uk Or The Cerebral Palsy Management StaffNet page in Glasgow or by contacting Jacquie.bruce@ggc.scot.nhs.uk.

Information Leaflets
Three information leaflets have now been published:

- Information for Families and Carers who are Considering SDR Surgery,
- Information for Families and Carers of Children who are suitable for SDR Surgery and SDR Information for Children

Copies are available from: Jacquie.Bruce@ggc.scot.nhs.uk Or download from the MSN website: www.msn-neuro.scot.nhs.uk

Information for Physiotherapists is also available from Jacquie or the MSN website.

Work in progress
Work is progressing on the last document in the SDR Information Programme: Information for Professionals

SDR Data Set for CPIPS
Gait Lab and AHP teams have been working collaboratively to standardise assessments and outcome measures. Timescales for assessments and the outcome measures have now been agreed and sent to Health Informatics Centre to request a quotation for adding the agreed SDR data set to CPIPS.