NHS Commissioning Board

Clinical Commissioning Policy Statement: Cerebellar Stimulator Implants

April 2013

Reference: NHSCB/D04/PS/b









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Prepared by the NHS Commissioning Board Clinical Reference Group for Neurosciences

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POLICY STATEMENT: Cerebellar Stimulator

Implants

Policy Ref: NHSCB/D04/PS/b

Treatment: Cerebellar Stimulator Implants

For: The most common indication is moderate to severe spasticity

associated with functional abilities, with the spasticity

interfering with voluntary movements (the commonest cause of spasticity being cerebral palsy). It has also been used for

involuntary movements, and some forms of epilepsy.

Background: Expert advice from Consultant Neurosurgeons with an

interest in movement disorder confirms that this procedure is not widely used and that conventional first line treatment for spasticity is available (Intrathecal Baclofen Pump - see policy

ref: NHSCB/D4/c/4).

Commissioning

position:

Cerebellar Stimulation Implants are not routinely funded for

the indications described above.

Effective from: 1 April 2013

Evidence summary: Published evidence reviewed included 6 double blind

controlled studies and 12 case series. No systematic reviews

or randomised controlled trials were found.

The studies indicated that joint movement and motor function may be improved in some patients. Several studies reported

no improvement in patient function ^{4,5,6,10}

No studies have reported deterioration in function associated with the implant. Reported complication rates are not high but include local infections, haematomas at the generator site, cerebrospinal fluid leakage along the wires and meningitis as

well as mechanical failures.

Equality impact: The NHS CB has a duty to have regard to the need to reduce

health inequalities in access to health services and health outcomes achieved as enshrined in the Health and Social Care Act 2012. The NHS CB is committed to ensuring equality of access and non-discrimination, irrespective of age, gender,

disability (including learning disability), gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex (gender) or sexual orientation. In carrying out its functions, the NHS CB will have due regard to the different needs of protected equality groups, in line with the Equality Act 2010. This document is compliant with the NHS Constitution and the Human Rights Act 1998. This applies to all activities for which they are responsible, including policy development, review and implementation.

Responsible CRG:

Neurosciences CRG

Date approved by

NHSCB Board: 1 April 2013

Policy review date: April 2014

Version: 1

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4