First Stage

Sacro Neuro Modulation

**Item Number:** 36663, 18262

**The aim is to alter the neuro-transmission from the Spinal Centre to the Bladder**



Why is it done?

 To alter the neuro-transmission from the Spinal Centre to the Bladder:

 Refractory Over Active Bladders with Urge Incontinence (OAB)

 Under Active Bladders (UAB)

 Chronic Pelvic Pain

 Faecal Incontinence

 Causative factors:

Undetermined

Neurogenic causes such as Multiple Sclerosis

**When at least 2 anticholinergic drugs or B-adrenergic drugs have failed to have provide an improvement in symptoms of OAB**

**An alternative for ISC or permanent IDC for UAB**

**The aim was to alter the neuro-transmission from the Spinal Centre to the Bladder**

**This will be a trial to see if this works for you**



How is it done?

 A sedation is administered

 You will be placed prone (on your stomach) with lower back and buttocks exposed

 A Needle will be placed in the S3 foramina of the sacrum and connected to a electrical current with increased frequency until the correct response is obtained

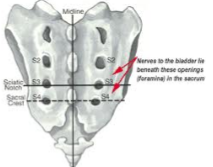
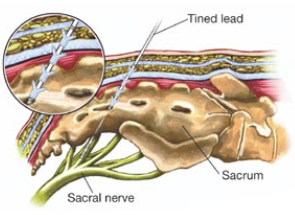
 Correct response would be puckering of the anal sphincter as well as movement of the big toe

 The lead is then tunneled under the skin

 The Lead is attached to an external modulator and battery .

 Pts with UAB may have permanent lead placement from the start, as effects may take up to 12 months to occur

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 If you have an OAB: you should experience a marked improvement over the previous 2 weeks

 A minimal requirement of at least 50% improvement in urinary symptoms is 1required to progress to a full implant

 The Temporary leads will be removed with the external module and the permanent leads may be introduced on the next procedure

 As routine in my practice, the permanent lead is used as the temporary, therefore allowing for the exact same results as with the trial period

 The permanent battery will be placed in a pocket created under the skin with extension of prior incision on the subsequent procedure

 Generally a temporary lead is not done for an UAB, as the response may take up to 9-12 months

 Leads for pain are placed bilaterally and in multiple sites

Complications

 Some local discomfort may be experienced.

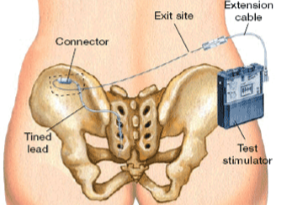
 Nerve stimulator may provide abnormal sensations, which your body adjusts to.

 A Representative from Medtronic will be in contact with you to check on your settings and responses.

 If after a 2 weeks period of the temporary leads have shown an improved in your bladder, consideration will be given to a permanent implant

 If no response is obtained the leads may be removed.

 NB! Each person is unique and for this reason symptoms may vary!



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