MAGNETIC PELVIC FLOOR STIMULATION (MPFS)

Magnetic stimulation has been used for the non-invasive stimulation of the central and peripheral nervous system. This new technology has recently been used to stimulate the pelvic floor for the therapy of bladder disorders. It is based on the principle that a changing magnetic field will produce a flow of electrons within the field. This flow induces, in turn, depolarization of adjacent nerves and a contraction of muscle in close apposition. The magnetic field can penetrate body tissues and passes uninterrupted through clothing. By incorporating the magnetic equipment within a chair, the pelvic floor muscles and sacral nerves can be directly stimulated without pain or the insertion of invasive needles or “plugs” within the vagina and rectum.

How is Magnetic Stimulation carried out?
The patient simply sits in an ordinary-looking lounge chair for twenty-five minutes per treatment. A “knocking” noise is heard which is the magnetic field reversing. This produces a certain amount of vibration but this is mild.

How often do I need to attend?
Sixteen treatments in total are recommended either 2 or 3 times per week. Less frequent attendances are much less effective and more frequent are not possible because the muscles have to be “rested” for at least 36 hours in between treatments.

Does it hurt?
The treatment is usually totally painless. As the muscles can be felt contracting there is a “pulling” sensation in the pelvis for some individuals.

What sort of patients can gain benefit from the treatment?
Women with stress urinary leakage when they laugh, cough or sneeze as well as women needing to go the toilet frequently (urge urinary leakage). It is particularly effective after a woman has given birth and helps get the pelvic floor back to a healthy condition very quickly.

How effective is the therapy?
Studies (below) show approximately 70% of patients will gain significant benefit from the treatment.

How much does it cost?
The fee for each treatment is Medicare “bulk-billed”. An initial consultation is required where Dr. Frazer will assess your medical condition and recommend a treatment programme.

Scientific Papers: