

SCANNING AT THE MR THERAPY CENTRE



MR-GUIDED FOCUSED ULTRASOUND (MRgFUS) FOR UTERINE FIBROIDS

Inclusion and Exclusion Criteria

WHY HAVE MRgFUS?

1. Non-invasive outpatient procedure – replaces invasive surgery.
2. No hospitalisation.
3. Limited conscious sedation and no radiation.
4. Next day return to normal activity.
5. Low rate of complications.
6. Reduced cost.
7. No risk to fertility – suitable for women wishing to conceive.

CLINICAL CRITERIA

1. Most noticeable results with bleeding and pressure symptoms, although asymptomatic fibroids can be treated to stop growth.
2. Size of fibroids should be >2.5cm and <20cm.

IMAGING CRITERIA – CONTRAINDICATIONS TO MRI

1. Known intolerance to MR contrast agent.
2. MR incompatible implantable medical devices (cochlear implants, intra-cranial vascular clips, pacemaker).
3. Severe claustrophobia.
4. Maximum weight 95-100kg (depending on height).

SAFETY CRITERIA – CONTRAINDICATIONS TO MRgFUS

1. Bowel – all potential patients **MUST** undergo a screening MRI to rule out the possibility of bowel between the abdominal wall and uterus (MR Therapy Centre to conduct or review).
2. Scars – vertical abdominal or high horizontal scars through the mid-line deem the patient unsuitable due to the risk of skin burning and deflection of the ultrasound beam. Low horizontal scarring (i.e. normal c-section scars) or scars to either side of the mid-line (i.e. appendectomy scars) are not a contra-indication.
3. Surgical clips – these will be shown on the screening MRI with the treatment transducer modified to avoid the clips.





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