

**Patient Name:** RRI-317  
**Patient ID:**  
**Gender:**  
**Date of Birth:**  
**Home Phone:**  
**Referring Physician:** SEMMLER, JODIE  
**Organization:** North Adelaide

**Accession Number:** BR-2599760-MR  
**Requested Date:** May 18, 2015 11:29  
**Report Status:** Final  
**Requested Procedure:** 2478816  
**Procedure Description:** MRI PELVIS  
**Modality:** MR

## **Findings**

**Radiologist:** CHONG, WOON KIT

## **MRI PELVIS**

### **Summary:**

**Bulky fibroid uterus. 3 definable submucosal fibroids (FIGO 0-2) with associated cavity distortion. Majority of fibroids are FIGO 4 (entirely intramural).**

**All fibroids largely demonstrate low T2 signal without diffusion restriction (non degenerate/ not suspicious).**

**No Mullerian duct abnormalities, endometriomas, pelvic adhesions or hydrosalpinx.**

### **Clinical:**

Known fibroids and endometriosis. Wishing myomectomy. MRI to map fibroid position and assess which fibroids to remove and how.

### **Technique:**

1.5T Volumetric T2, Sagittal and axial reconstructions, T1 axial and FS, DWI/ADC

### **Uterus:**

#### **Size and Morphology:**

Anteverted. No Mullerian duct abnormality. 777ccs (9.7 x 10 x 15.3cm).

#### **Endometrial Thickness:**

10mm. No focal lesions.

#### **Junctional Zone:**

Anterior maximal junctional zones thickness 4mm.

Posterior maximal junctional zone thickness 4mm.

Fundal maximal junctional zone thickness 3mm.

No MRI evidence of adenomyosis.

#### **Uterine Lesions:**

Multiple fibroids present. FIGO subclassified as follows;

#### **Submucosal fibroids:**

1. Posterior central uterine body/ fundus. 4.1cm. FIGO 1/2 (submucosal). Approximately 50% submucosal projection. 2mm from cavity. 21mm from serosal surface.

2. Anterior right lower uterine body. 4.6cm. FIGO 1 (submucosal <50% intramural). 3mm from cavity. 9mm from serosal surface.

3. Anterior central mid uterine body. 6mm. FIGO 1 (<50% intramural). Almost entirely endocavitary without pedunculation.

Intramural fibroids:

1. Posterior body left. 7.3cm. FIGO 4 (entirely intramural). 9mm from cavity. 2mm from serosal surface. Broad associated contour bulge.
2. Right fundus. 3.8cm. FIGO 4 (intramural).
3. Right anterior body. 1.7cm. FIGO 4 (intramural).
4. Right posterior body. 1.5cm. FIGO 4 (intramural).
5. Right body. FIGO 4 (intramural). 1.4cm.
6. Left body/neck. 2.6cm. FIGO 4 (intramural).
7. Left neck. 1.4cm. FIGO 4 (intramural).

Subserosal

10. Left fundus. 4.4 x 5.7 x 6.1cm. FIGO 7 (subserosal pedunculated). Pedicle has a maximal dimension of 3.3cm.

**Cervix and Vagina:**

Nabothian cysts in the endocervical canal. Otherwise normal morphology.

**Left Ovary:**

Position: Lateral adnexa

Size: 14ccs (3.6 x 2.5 x 3cm).

Follicles: Nil.

Lesions and /or Endometrioma: Nil.

**Right Ovary:**

Position: Lateral adnexa.

Size: 3.6ccs (3.1 x 1.6 x 1.4cm).

Follicles: One.

Lesions and /or Endometrioma: Nil.

**Pelvis/Adnexae:**

No hydrosalpinx.

**Other Findings:**

Small amount of free fluid in the pelvis. Visualised lumbosacral spine is unremarkable.

Radiologist: Dr W. K. Chong

**Relevant Clinical Information**

MB-MRI PELVIS