

Patient Name: RRI402
Patient ID:
Gender:
Date of Birth:
Home Phone:
Referring Physician: THOMPSON, VALERIE
Organization: Modbury Hospital

Accession Number: BR-5662446-MR
Requested Date: June 24, 2021 13:32
Report Status: Final
Requested Procedure: 5974055
Procedure Description: MRI PELVIS
Modality: MR

Findings

Radiologist: VOYVODIC, FRANK

MRI PELVIS

Summary:

17cm central pelvic mass appears right ovarian in origin.

Appearances suggest ovarian tumour without specific features (consider germ cell tumour, epithelial stromal and sex cord stromal tumours).

The central pelvic location, intralesional haemorrhage and twisted vascular pedicle suggest potential partial torsion although I note no history of severe pelvic pain.

Normal morphology left ovary.

Small volume free pelvic fluid.

No lymphadenopathy.

Bilateral mild hydronephrosis.

Dr Thompson contacted by telephone.

Clinical:

Large pelvic mass.

Technique:

1.5T multiplanar MR imaging including post IV Gadolinium diffusion weighted imaging.

Comparison films:

Pelvic ultrasound 18/6/2021.

Findings:

Uterus:

Morphology:

Midline anteverted anteflexed mildly tilted to the right.

No septum or duplication.

Size (corpus plus cervix):

6.2 x 4.7 x 2.4cm.

Myometrium:

No masses.

Normal junctional zone thickening.

No evidence of adenomyosis or leiomyomata.

Endometrium:

4mm thick.

No polyp, mass or adhesions.

Cervix:

Normal.

Vagina:

Normal morphology.

Ovaries:Right ovary:

Large anterior central pelvic mass with maximum dimension 17.0 x 9.4 x 10.4cm highly likely right ovarian in origin. Anterior solid and posterior cystic components.

12cm vascularised soft tissue component anteriorly with some central T1 hyperintensity in avascular component suggesting haemorrhage.

There is no evidence of haemosiderin to suggest endometrioma.

No intralesional fat to confirm dermoid.

The intralesional haemorrhagic change and ectopic location of the mass with twisted vascular pedicle in the right adnexa suggest the presence of torsion of pre-existing ovarian neoplasm.

Left ovary:

Position:

2.7 x 1.7 x 3.3cm.

Multifollicular morphology.

No mass.

Normal position lateral adnexa.

Adnexa:

No tubal dilatation identified.

Small volume free fluid anterior pelvis.

Other findings:

Upper abdomen review reveals normal basal thorax, liver, spleen, adrenal glands and pancreas.

Mild bilateral hydronephrosis without ureteric dilatation.

No para-aortic or pelvic lymphadenopathy identified.

No omental masses.

Dr Frank Voyvodic

Electronically signed 24/06/2021 15:20

Relevant Clinical Information

MD-MRI PELVIS