

Clinical information / Indication:

54-year-old postmenopausal woman with an indeterminate adnexal mass on ultrasound (O-RADS US 4). Mildly elevated CA-125.

Technique:

Pelvic MRI including T1, T2, fat-suppressed, diffusion-weighted imaging with ADC maps, and dynamic contrast-enhanced sequences.

Findings:

Uterus is atrophic. Endometrium thin.

Left adnexa contains a 6.4 cm multilocular cystic mass with several mildly thickened septa and a small (9 mm) enhancing mural nodule. The nodule shows intermediate T2 signal and demonstrates moderate enhancement after contrast. Mild diffusion restriction is present in the nodule. No gross ascites or peritoneal implants identified.

Right ovary is not enlarged. No pathologic lymph nodes.

Impression:

Left multilocular adnexal cystic mass with an enhancing mural nodule showing mild restricted diffusion, without ascites or peritoneal disease, in a postmenopausal woman.

O-RADS MRI 4 (intermediate risk of malignancy).