

Patient Name	: SHANTI DEVI	Patient ID	: 16071
Age	: 42 Years	Sex	: F
Referring Physician	: DR. AADVIK HOSPITAL	Modality	: MR
Study Date	: 16-MAY-2023	Study	: HIP

## M.R.I OF BOTH HIP JOINTS

Protocol: Scan done on 3 TESLA MRI.

History: right hip pain.

### Findings:

Moderate to large sized area of T2 heterogeneously hyperintense lytic lesion with lobulated soft tissue component soft tissue lesion seen extensively involving right iliac blade with extension into anterior and posterior column of right acetabulum. Approximate size of lesion measures 8.7 x 6.5 intra-axial plane with cranio-caudal length of extension measuring ~ 11.2 cm.

Few focal areas of osseous erosion involving right acetabular roof with mild extension into right hip joint space. No obvious involvement right femoral head. Right hip appears to be fixed and externally rotated.

Abnormal marrow is also seen infiltrating with right superior pubic ramus with areas of osteolysis. Extensive soft tissue edema seen diffusely involving right adductor group of muscles and visualized muscles of anterior compartment of proximal right thigh.

Few enlarged right internal and external iliac right common iliac lymph nodes.

- Large right external iliac node measures ~ 2.3 cm in short axis.
- Largest right internal iliac node measures ~ 1.4 cm in short axis.
- Enlarged right perivesical space, measuring ~ 12.5 mm in short axis.

Visualized part of lower pelvis shows loss of normal T2 hypointensity of cervical stroma with small to moderate size T2 intermediate signal intensity lesion predominantly involving posterior wall of cervix, measuring ~ 3.0 x 3.5 x 3.4 cm (AP x TR x CC).

Visualized bilateral SI joints and left hip joint appears normal.

### Impression:

- Moderate to large sized area of abnormal marrow with osteolysis and lobulated soft tissue component involving right iliac blade with extension to anterior & posterior column of right acetabulum and right superior pubic ramus. Possibility of metastasis is more likely.
- Extensive soft tissue edema around right hip joint and visualized right proximal thigh muscles with diffuse surrounding subcutaneous edema.
- T2 intermediate signal intensity lesion in visualized lower pelvis involving posterior wall of cervix. Possibility of primary cervical neoplasm.
- Few enlarged heterogeneous signal intensity lymph nodes in right common iliac, right external & internal iliac and right paravesical space - likely metastatic.

Dr. Vihag Raman, MD  
(Radio-diagnosis)

Note: This report is only a professional opinion and needs to be correlated clinically. Not valid for medico-legal purposes.  
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