



# পপুলার ডায়াগনস্টিক সেন্টার লিঃ POPULAR DIAGNOSTIC CENTRE LTD.

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## Magnetic Resonance Imaging

ID No. : DN58593 Receive Date: 14/05/2023 Print Date: 15/05/2023  
Patient's Name : RASHIDA BEGUM Age: 40 Year(s) Sex: Female  
Refd. By : Asso. Prof. Dr. Syed Nadir Hossain, MBBS. MS (Ortho)  
Test Name : MRI of Both Hip Joints.

*Thanks for your kind referral*

## MRI OF BOTH HIP JOINTS

### Findings:

**Right hip Joint - Geographical area of altered signal intensity is noted in femoral head. The lesions are having hypointense central area surrounded by hyperintense rim. No evidence of femoral head collapse is seen.**

**Left hip Joint - Femoral head is deformed evidenced by cortico-medullary collapse. Collapsed femoral head & adjacent neck are showing heterogeneously hypointense on T1WI and heterogeneously hyperintense on T2WI. On STIR image diffuse hyperintense signal are seen in the head and neck of both femur and part of the acetabulum due to marrow oedema. Marginal osteophytes are seen at the articular margins of femoral head and acetabulum. The joint space is reduced.**

**Mild joint effusion is seen in left hip joint.**

The articular surfaces are smooth and show normal cortical thickness.

There are no marginal osteophytes or subchondral signal changes.

The imaged muscles and the lesser pelvis show no abnormalities.

**Impression: Findings are suggestive of avascular necrosis (AVN) of both femoral heads (Ficat stage-II on right & stage IV on left) with left sided secondary osteoarthritis & mild joint effusion.**

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