Groin Pain

Possible Causes of Groin Pain:

From the Implant

- aseptic loosening
- femoral neck stress fracture
- bony impingement
- soft tissue impingement
- osteonecrosis
- reaction to excessive metal wear
- metal sensitivity

Referred Pain

- from the pelvis, back or abdomen

Clinical Tests to Aid Diagnosis:

Haematological

- checks for infection (eg. ESR, CRP)
- serum metal ions (if available)
- (lymphocyte transformation tests) if available
Radiological

- imaging to assess fixation, implant position, and the presence of fluid build-ups or groin masses

Nuclear medicine

- Scans to assess infection, fracture or loosening

Adapted from: Metal Sensitivity as a Cause of Groin Pain in Metal-on-Metal Surface Arthroplasties. J. Arthroplasty in press, 2008 P. Campbell, Ph.D A. Shimmin, M.D. 1 L. Walter, M.D. 2 M.Solomon, M.D. 3

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