

**Name** : Mr.KONDAIAH M  
**Age/Gender** : 60 Yrs / M  
**Refer Dr** : DR BHASKAR RAO K

**BillNo** : ADA2319634  
**Bill Date** : 8/14/2023 1:46:57 PM  
**Reported On** : 8/14/2023 6:45:33 PM

**DEPARTMENT OF RADIODIAGNOSIS AND IMAGING**  
**MRI OF RIGHT KNEE JOINT**

**Clinical Hx:** Right knee pain and swelling, movement restriction.

**Technique:** T1 / T2 sagittal  
T2 axial / coronal  
STIR Coronal  
PD SPAIR

**Findings:**

Mild to moderate fluid in the supra and retropatellar recess and in tibiofemoral joint space - To rule out synovitis.

Bone marrow edema / contusion seen in the medial tibial and femoral condyles.

Mild osteoarthritis changes noted in the form of marginal tibiofemoral and patellar osteophytes with mild reduced medial tibiofemoral joint space with subchondral edema.

Mucoid degeneration of the posterior horn and body of medial meniscus.

Mild fluid collection noted along lower half of the medial collateral ligament - Possibility of medial collateral ligament bursitis.

Mild Hoffa's fat pad edema.

Mild thinning of the patellar articular cartilage over the medial patellar facet - S/o grade II chondromalacia patella.

Mild to moderate diffuse subcutaneous edema around the knee joint.

Rest of femoral and tibial condyles show normal signal intensity.

Rest of medial and lateral menisci are normal in size, shape and signal intensity.

Posterior and anterior cruciate ligaments are normal in course and signal intensity.

Quadriceps tendon, patella and patellar tendon show normal signal intensity.

Major vascular structures are normal.

**IMPRESSION: MR image morphology is in favour of:**

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- **Mild to moderate fluid in the supra and retropatellar recess and in tibiofemoral joint space - To rule out synovitis.**
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- **Mild osteoarthritis changes noted in the form of marginal tibiofemoral and patellar osteophytes with mild reduced medial tibiofemoral joint space with subchondral edema.**
- **Mucoid degeneration of the posterior horn and body of medial meniscus.**
- **Mild fluid collection noted along lower half of the medial collateral ligament - Possibility of medial collateral ligament bursitis.**
- **Mild Hoffa's fat pad edema.**
- **Mild thinning of the patellar articular cartilage over the medial patellar facet - S/o grade II chondromalacia patella.**
- **Mild to moderate diffuse subcutaneous edema around the knee joint.**
- **For clinical correlation / further investigation if clinically indicated.**

**DR. PRAVEEN REDDY. P MDRD**  
*Consultant Radiologist*

**DR. K TULASI DMRD (DNB)**  
*Consultant Radiologist*

*T. N. Kumar*  
**\*DR. T NIKHIL KUMAR DMRD**  
*Consultant Radiologist*

**DR. RAJITHA G DNB**  
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**DR. ROHIT. A. DMRD**  
*Consultant Radiologist*

**DR. VISHALINI (MD)**  
*Consultant Radiologist*

**DR NIKHIL KUMAR T**  
**DMRD**