



## A1 IMAGING OF DEERFIELD

1890 West Hillsboro Boulevard  
Deerfield Beach, FL 33442

Phone: (954) 429-8381 Fax: (954) 429-2705

**Patient Name:** SUOMELA, DAVID

**Date of Birth:** [REDACTED]

**Patient ID:** [REDACTED]

**Age / Sex:** 41 / M

**Date of Exam:** 07/10/2019 9:43 AM EDT

**Referring Physician:** PERKINS, GENE

**Study:** RT.KNEE

### **MRI OF THE RIGHT KNEE WITHOUT CONTRAST**

**TECHNIQUE:** Standard pulse sequences with multiplanar imaging of the right knee.

**CLINICAL INFORMATION:** Right knee pain.

**COMPARISON:** None.

**FINDINGS:** Mild patient motion artifact present.

#### **MENISCI**

**Medial meniscus:** Linear band of increased signal posterior horn of the medial meniscus with suspected articular extension and appearance compatible with a horizontal tear.

**Lateral meniscus:** Intact.

#### **LIGAMENTS**

**Cruciate ligaments:** Somewhat thickened appearance of the ACL along with signal changes present that may be seen with previous surgery and surgical repair and/or ligament sprain or possible partial intrasubstance tearing. Intact ACL fibers with insertion sites preserved.

**Medial collateral ligament:** Slight thickening of the MCL with mild high signal changes of deep and superficial MCL fibers and suggesting a component of mild grade I MCL sprain.



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**Lateral collateral ligament:** Intact

**Posterolateral corner structures:** Intact

### **EXTENSOR MECHANISM**

Extensor mechanism: The distal quadriceps and patellar tendons are intact. Mild lateral patellar subluxation with slight patellar tilt. There is no retinacular disruption.

### **FLUID**

Fluid: Small joint effusion. There is a lobulated fluid-like collection noted within the posteromedial soft tissues along the margin of the medial femoral condyle collectively measuring up to approximately 3.5 cm in size and suggesting a synovial/ganglion cyst formation.

There are some lobulated fluid-like signal collections along the posterior joint capsule contiguous with the cruciate ligaments that may be seen with cruciate/synovial cyst formation.

There are some patchy signal changes within the anterior fat of Hoffa along with some scattered foci of metallic susceptibility artifact compatible with postsurgical changes and suspected postsurgical arthrofibrosis.

### **OSSEOUS and ARTICULAR STRUCTURES**

Bones: No fracture, stress reaction, or osseous lesion is seen.



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Patellofemoral compartment: Moderate degenerative change with joint narrowing and marginal spurring.

Thinning and irregularity of the articular cartilage of the patella involving portions of the medial and lateral facets and compatible with grade II to III chondromalacia.

Medial compartment: Slight degenerative narrowing along with suspected cartilage thinning and irregularity weightbearing surface of the medial femoral condyle.

Lateral compartment: Intact.

### **IMPRESSION:**

**1. POSTSURGICAL CHANGES WITH ACL REPAIR AND CHRONIC/POSTSURGICAL CHANGES INVOLVING THE ACL AND/OR POSSIBLE SPRAIN/PARTIAL INTRASUBSTANCE TEARING AT THIS TIME.**

**2. FINDINGS COMPATIBLE WITH HORIZONTAL TEAR OF THE MEDIAL MENISCUS.**

**3. SLIGHT GRADE 1 SPRAIN OF THE MEDIAL COLLATERAL LIGAMENT.**

**4. OSTEOARTHRITIC CHANGES AS OUTLINED.**

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**5. LATERAL PATELLAR SUBLUXATION WITH CHONDROMALACIA  
CHANGES AS NOTED.**

**6. PLEASE SEE ABOVE COMMENTS AND COMPLETE DISCUSSION.**

SAKS, DAVID MD

Digitally signed by SAKS, DAVID MD on 07/10/2019 1:58 PM EDT