

**AMI****American Medical Initiatives**

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<b>PATIENT:</b>	JAMES, DANIEL	<b>EXAM DATE:</b>	04/06/2022 2:19 PM
<b>STUDY DESCRIPTION:</b>	MRI KNEE WITHOUT CONTRAST (JOINT)	<b>MRN:</b>	JAMD61523
<b>DOB:</b>	10/06/2000	<b>REFERRING PHYSICIAN:</b>	Zilberman, Igor
<b>CLINICAL HISTORY:</b>	RT KNEE PAIN. S/P MVA	<b>GENDER</b>	M

**MAGNETIC RESONANCE IMAGING OF THE RIGHT KNEE WITHOUT IV CONTRAST**

**HISTORY:** Right knee pain. Status post motor vehicle accident.

**TECHNIQUE:** Multiplanar, multi-sequence MRI of the right knee was performed without intravenous contrast.

**COMPARISON:** None available.

**FINDINGS:**

**OSSEOUS STRUCTURES/MARROW:** No fractures or osteonecrosis.

**LIGAMENTS:**

**ANTERIOR CRUCIATE:** The anterior cruciate ligament is intact.

**POSTERIOR CRUCIATE:** The posterior cruciate ligament is intact.

**MEDIAL COLLATERAL LIGAMENT:** The medial collateral ligament is intact.

**LATERAL COLLATERAL LIGAMENT:** The lateral collateral ligament is intact.

**JOINT SPACES:**

**MEDIAL COMPARTMENT:** Intact medial meniscus and articular cartilage.

**LATERAL COMPARTMENT:** Intact lateral meniscus and articular cartilage.

**PATELLOFEMORAL COMPARTMENT:** Articular cartilage intact.

**SYNOVIUM/ JOINT FLUID:** There is no joint effusion.

**MUSCLES:** There is edema along the myofascial planes of the partially imaged medial head of the gastrocnemius muscle consistent with myofascial strain.



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**NEUROVASCULAR STRUCTURES:** Normal in course and caliber.

**EXTENSOR MECHANISM:** There is linear interstitial tearing of the distal quadriceps tendon superimposed on tendinitis. The patellar tendon is intact.

**PERIPHERAL SOFT TISSUES:** Significant edema noted in the prepatellar region compatible with trauma sequelae.

**PLICAE:** No plicae demonstrated.

**IMPRESSION:**

1. Linear interstitial tearing of the distal quadriceps tendon superimposed on tendinitis.
2. Edema along the myofascial planes of the partially imaged medial head of the gastrocnemius muscle consistent with myofascial strain.
3. Significant edema in the prepatellar region compatible with trauma sequelae.

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