

Dr Matthew Dwyer
Sunshine Coast Sports Medicine Clinic
23/5 Innovation Parkway
Birtinya 4575
Tel: 0754936306
25th March 2024

Patient ID: 77.10861527
Accession Number: 77.47714576

Reported: 26 March 2024

Dear Dr Dwyer

Re: **Ms Lauren Sims - DOB: 07/06/2000**
43/1a Regatta Blvd WURTULLA 4575

MRI SCAN LEFT KNEE

Clinical History

Football injury. Twisted and pivot. Instability. Pain and swelling. ? ACL rupture.

Technique

Coronal PD FS; sagittal PD and PD FS; axial PD FS; axial PD coronal oblique imaging performed.

Findings

There is midsubstance ACL rupture. PCL intact.

MEDIAL COMPARTMENT

Intact meniscus and root attachments. Evidence of MCL sprain. Medial patellofemoral ligament is attenuated consistent with rupture with extracapsular fluid present. Posterior oblique ligament intact. Mild bone marrow oedema medial margin medial femoral condyle. No specific osteochondral injury. Medial supporting myotendinous structures are intact.

LATERAL COMPARTMENT

There is a bucket-handle tear of the lateral meniscus. Displaced inner margin posterior horn/body fragment noted at the intercondylar notch. There is concavity to the terminal sulcus of the lateral epicondyle consistent with bone impaction injury. Subchondral bone marrow oedema noted at this location. There is also microtrabecular fracturing to the posterior aspect of the tibial condyle. Evidence of arcuate and popliteofibular ligament sprain. FCL, popliteus and biceps femoris tendons satisfactory. ITB intact.

ANTERIOR COMPARTMENT

The patella is Wiberg 1. No femoral trochlear dysplasia. No chondromalacia. Retinacular attachments on the patella satisfactory. Intact quadriceps and patellar tendons. Large joint effusion.

The neurovascular bundles of the popliteal fossa are satisfactory.

Comment

Midsubstance ACL rupture. Ancillary bone impaction injury to the terminal sulcus of the lateral condyle and posterior aspect of the lateral tibial condyle. Posterolateral corner ligament sprain. Bucket-handle tear of the lateral meniscus. MCL sprain and medial patellofemoral ligament rupture. Large joint effusion.

Dr Stuart Buchanan

Electronically signed at 1:23 pm Tue, 26th Mar 2024