

Multi lig Case

- * 42 year old male
- * No previous left knee injury
- * Prior contralateral ACL reconstruction x 2
- * BTB and hamstrings used

- * Sedentary work- CEO small company
- * Sports-gym and cycling
- * Previous jogger-osteoarthritis right knee prevents now

Multi lig Case

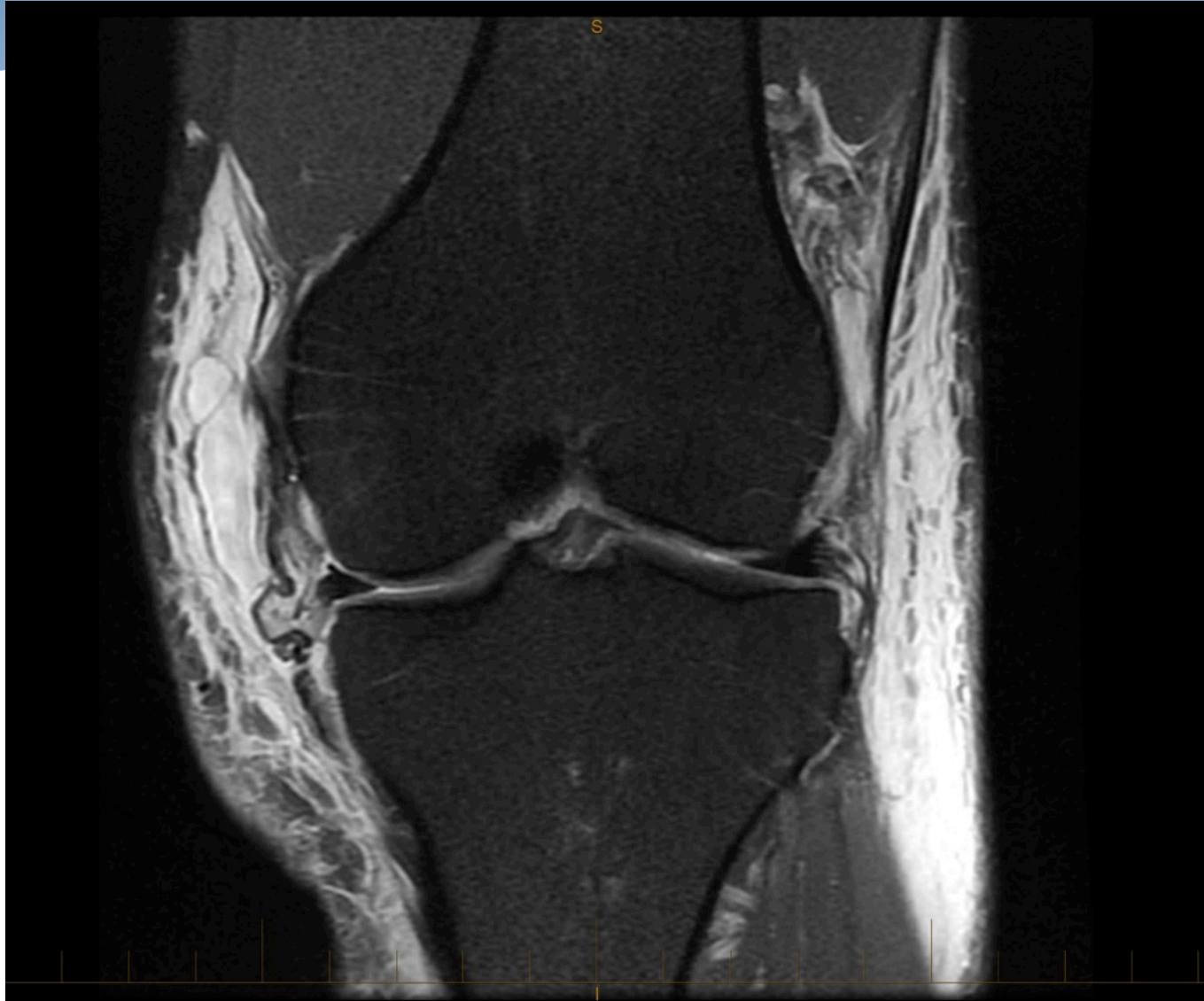
- * Cycling home from gymnasium
- * Planted left foot to “do a wheelie”
- * Ruptured patellar tendon
- * Massive valgus force
- * Disrupted all medial structures

Multi lig Case

- * Recognised knee dislocated
- * Self relocated
- * Ambulance to hospital

- * Exam
 - Normal neuro vascular function
 - Unable to straight leg raise
 - Unstable to valgus

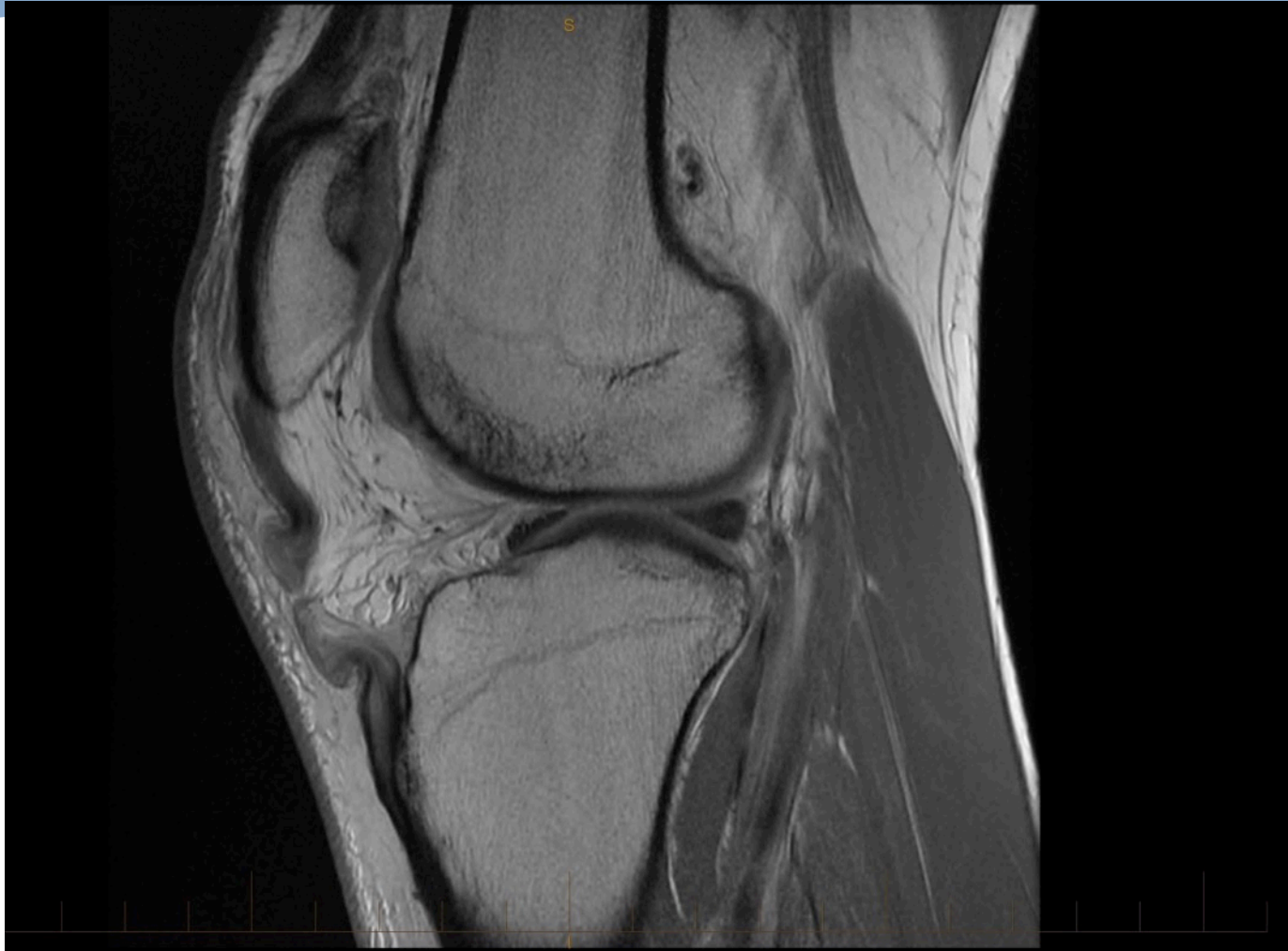
MRI



MRI



MRI



Management

- * Is there any other information required
- * What surgery?
- * When?

Surgical Plan

- * Harvest ipsilateral ST and Gracilis
- * Arthroscopy and drill ACL tunnels-pass graft
- * Repair medial meniscus to capsule
- * Repair medial ligament/capsule and PM corner
- * Reinforce MCL with Internal Brace
- * Repair patellar tendon
- * Reinforce PT with non irradiated ST allograft
- * No tunnel in patella
- * Fix tibial end ACL

Intra op



Intra op





