

Dr David Ritchie's Knee MRI Protocols for Chester Knee Clinic

PD fat sat with TE = 40 will now be labelled Intermediate Weighted (IW) fat sat

- **Routine (menisci/cruciate/collateral Ligaments & anterior knee pain/chondromalacia):**

Sagittal PD (TE = 20)

Sagittal IW fat Sat (TE = 40)

Coronal T1W

Coronal IW fat Sat (TE = 40)

Axial IW fat sat (TE = 40)

- **For Patella maltracking:**

Add Tracking studies with beach ball

- **For Tumours:**

Markers on either side of the mass

Add Axial T1W

If not simple lipoma, also do

Axial T1W fat sat / T1W fat sat with i/v Gad

- **For ACI (femoral condyles):**

Sag PD / IW fat sat / T1W Vol SPGR fat sat

Cor PD / IW fat sat / T1W Vol SPGR fat sat

Axial IW fat sat

- **For ACI (patello-femoral compartment):**

Ax PD / IW fat sat / T1W Vol SPGR fat sat

Sag PD / IW fat sat

Cor IW fat sat

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