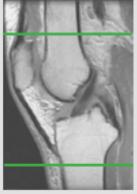


# **MRI KNEE WITHOUT CONTRAST**

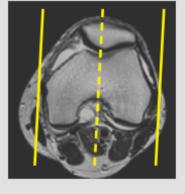
Scan Range				Variable according to area of interest/ body part.	
FOV				Fits to patient/ body part.	
Position				SUPINE- Knee extended fully (as much as patient can tolerate). Minimize external/ internal rotation	
Localizer				3 plane scout localizer	
PLANE	SEQUENCE	FAT SAT	FOV		NOTES
Axial	T2	Υ	14 - 1	16 cm	
Coronal	T1		16 cm		
Sagittal	T2	Y	16 cm		
Coronal	PD	Y	16 cr	n	
Sagittal	PD	Y	16 cr	n	

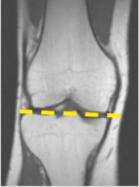
## **Image Plane Precriptions:**

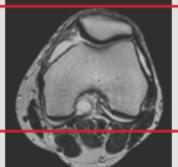


### Axial imaging

- Cover from 2 Slices above the top of the Patella to the distal portion of the tibial tuberosity
- Perpendicular to the coronal and sagittal planes







### Coronal imaging

- Anterior patella through fibular head
- Angle parallel to posterior femoral condyles on axial scout

#### Sagittal imaging

- Angle parallel to medial & lateral condyles
- Check positioning on coronal and angle parallel to tibial plateau
- Cover at least one slice past menisci on both sides

Any deviation from protocol MUST be Radiologist approved. Rad Director will be notified if this occurs without prior approval.