

MRI THUMB – SR ROUTINE

- Patient in prone position with elevated arm ('Superman position')
- Thumb fully extended and at center of scanner
- Use small surface or dedicated wrist/hand coil, use foam pads for fixation
- Acquire axials first, use them to plan other planes
- Tilt coronals and sagittals 90° to sesamoids at the level of the MCP joint

SEQUENCE	FOV	Slice	TE	Matrix (min)
Ax PD FS	8x8cm	3-3.5 mm	25-35	210x320
Ax T1	8x8cm	3-3.5 mm	min.	260x320
Cor PD FS	10x12cm	2mm	25-35	220x384
Sag PD FS	10x12cm	2 mm	35-45	210x384
Cor STIR	8x12 cm	2-2.5 mm	35-45	180x320