

| Protocol Name: CALCANEUS/HINDFOOT ROUTINE ADULT | |
|--|---|
| INDICATIONS: | Evaluation of calcaneus for fracture or tarsal coalition. |
| IV CONTRAST: | Usually none unless for soft tissue infection. |
| ORAL CONTRAST: | None |
| PATIENT POSITIONING AND SCAN AREA: | Patient supine. Feet first. Scan both feet if for tarsal coalition and only the affected foot for fracture. Knee is bent with foot placed on an angled sponge in center of table. Landmark at distal lower leg. Scan perpendicular to the posterior talocalcaneal joint from the back of the calcaneus through the navicular. No gantry angle. This is your oblique coronal series. Can scan with leg straight and foot perpendicular to table. |
| GENERAL EXAM GUIDELINES: | 2.5 x 2.5 mm axial images with 3 mm sag and cor recons. 200 DFOV. |
| TRIGGER OR CONTRAST DELAY: | None |
| TECHNIQUE GUIDELINES: | 120 kvp. 330 ma at 0.8 seconds |
| LABEL: | SCOUT*, EXT*. The * means anything after these beginnings will hang correct in pacs |
| RECON 1: | .625mm thick/.625 mm interval. Bone recon at 2000ww/200wl. With 3 mm COR and SAG MPRs. |
| RECON 2: | 2.5mm thick /2.5 mm interval. Bone recon 2000ww/200wl. |
| ADDITIONAL POST PROCESSING: | Usually none. Send 0.625 images to awwkstn1 if 3D is needed. |
| SEND EXAM: | Send scout, 2.5 axials, and SAG and COR recons to pacs. |
| ARCHIVE: | |
| BILL AS: | Usually lower extremity CT without contrast |

SCOUT PROTOCOL SET IN SCANNER

| Scan Type | Start Loc | End Loc | kV | mA | Scout Plane | Voice Lights Timer |
|-----------|------------------|----------------|-----|----|-------------|--------------------|
| Scout | S150.00 | I100.00 | 120 | 40 | 90 and 180 | N |
| | Distal lower leg | Bottom of foot | | | | |

AXIAL IMAGE PROTOCOL SET IN SCANNER

| Scan Type | Start Loc | End Loc | Thick Speed | Interval (mm) | Gantry Tilt | SFOV | kv | ma | DFOV | Show Recon1 | Show Rocon2 | Show Rocon3 | Direct Vis |
|-------------------------------|-----------|---------|---------------------------|---------------|-------------|------------|-----|------------------|------|---|--|---|------------|
| Helical Full 0.5 sec rotation | S0.0 | I100.0 | 0.625 19.37 0.969:1 | 0.625 | S0.0 | Small Body | 120 | 330 DR 50% | 20.0 | 0.625mm Bone 2000ww 200wl For recons SS50 | 2.5mm Bone 2000w 200l Send to Pacs SS50 | 2.5mm Std 400w 40l Send to pacs SS50 | |

Updated 1/30/2018

