

CT/CBCT SCAN PROTOCOL- ANKLE

Scan Setting Requirements

File Format: Uncompressed DICOM

Scan/Slice Spacing: 1.25mm or smaller

Pixel Size: 0.8mm pixel size or smaller

Tilt: 0-degree tilt

Please ensure a gantry tilt is not used during image acquisition. Also, gantry-tilted images that are post-processed for reorientation are not acceptable.

Images cannot be reprocessed to reorient, so ensure there is no tilt.

Algorithm:

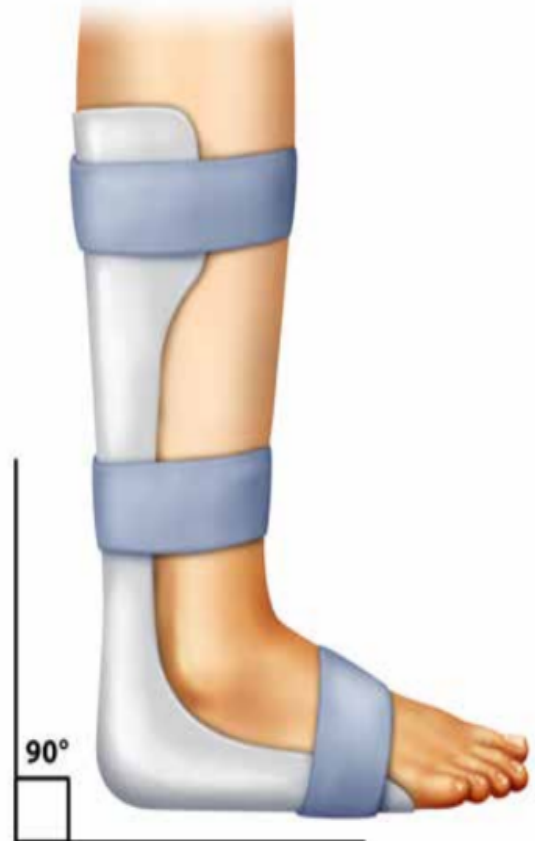
- Toshiba: FC20
- Siemens: H30s
- GE: Standard (not bone or detail)
- Philips: B

Scan Modes: Helical or axial

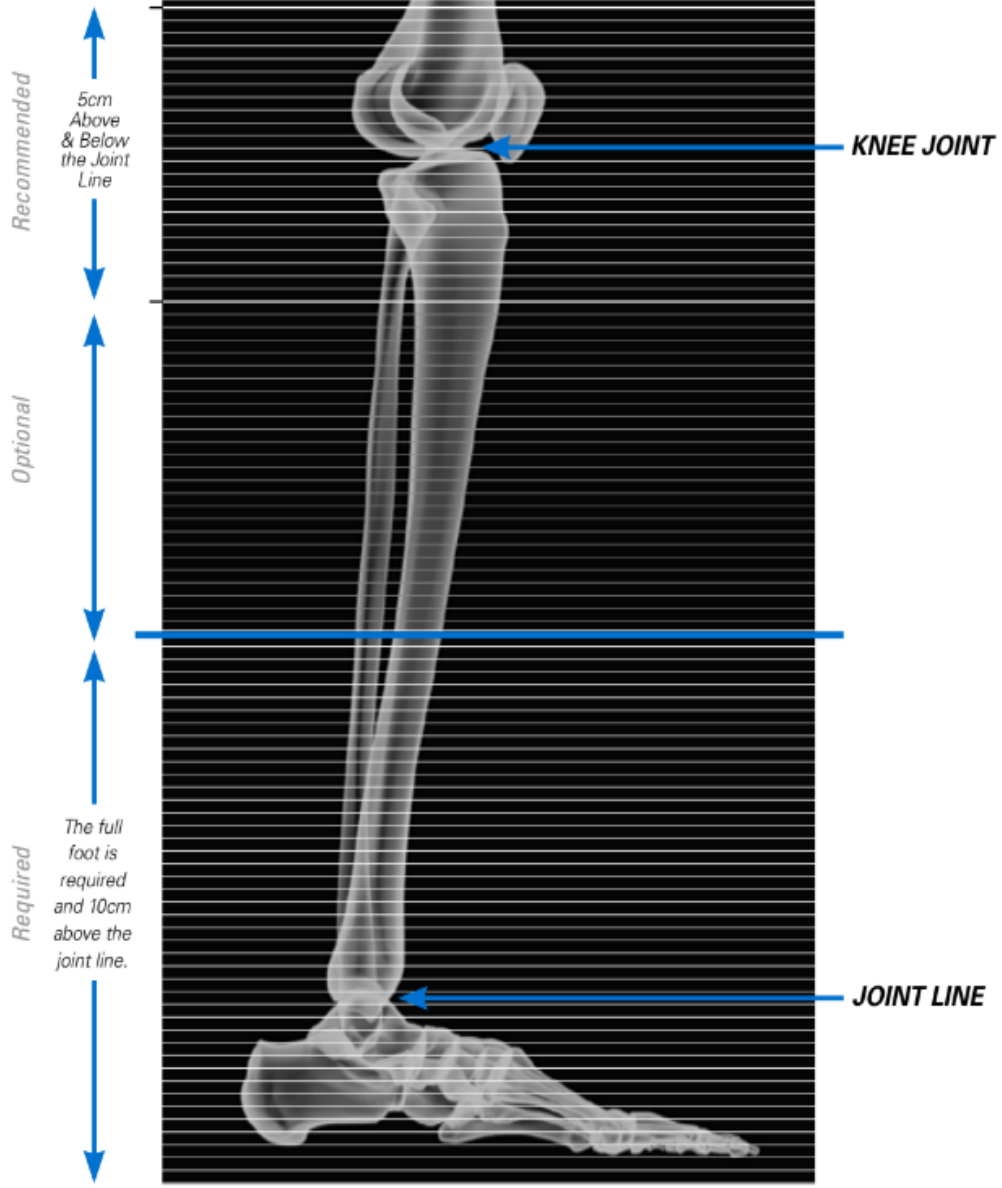
Patient Requirements

- Patients need to be in a supine position.
- CT scan must be less than 6 months before the surgery date.
- The patient must not move during the scan.
- Do not use a contrasting agent.

Note: Patients with metallic or contralateral implants may cause an image artifact and obscure part of the scan. Elevation of the contralateral limb is preferred to reduce metal artifact scattering.



When possible, position the patient's foot in a neutral position (90 degrees to the leg). If not possible, then deviation is acceptable up to 25 degrees from neutral.



**Image shown is not to scale.*