

Trauma Extremity 8/15/2010

*Extremities scanned through the body will require an appropriate increase in technique.
Additional recon job added as required to result in true axial plane images.*

Scan Parameters:

Place in true anatomical position if possible

Scan range- from above to below requested region/fracture

CTDI: ~ 15 mGy

Collimation: 64 x 0.625

Rotation time: 0.5

Pitch: 0.516:1

Speed/mm sec: 41.28

Reconstruction Parameters:

Focused DFOV all recons, Perform additional recons as needed in order to obtain true axial/sagittal or coronal planes

Bone Recon

1.25 mm slice thickness

1.25 mm slice increment

Filter: Bone

Type: Plus

ST Recon

2.5 mm slice thickness

2.5 mm slice increment

Filter: Standard

Type: Plus

Sagittal MPR

1.25 mm slice thickness

1.25 mm slice increment

Window: Bone

Coronal MPR

1.25 mm slice thickness

1.25 mm slice increment

Window: Bone

3D Recon

0.625 mm slice thickness

0.625 mm slice increment

Filter: Standard

VRT Rotation/Tumble

Create appropriate 3D image batches on Post Processing Software

3D image batch should visualize all anatomy of interest in as many planes as possible

