

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

Scan range- from above to below requested region/fracture

CTDI: ~ 15 mGy

Collimation: 20 x .6

Rotation time: 1.0

Pitch: .6

Care dose: Off

Reconstruction Parameters:

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

Bone Recon

1 mm slice thickness

1 mm slice increment

Kernel: B60s

Window: Bone

ST Recon

2 mm slice thickness

2 mm slice increment

Kernel: B30

Window: Mediastinum

Sagittal MPR

1 mm slice thickness

1 mm slice increment

Kernel: B60

Window: Bone

Coronal MPR

1 mm slice thickness

1 mm slice increment

Kernel: B60

Window: Bone

3D Recon

0.6 mm slice thickness

0.6 mm slice increment

Kernel: B20

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

