

# Simpleware AS Ortho/CMF

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## Ankle CT Segmentation and Landmarking

- Anatomy specific automated segmentation tool for the ankle
- Automatic segmentation suitable for use on CT scans
- Produces masks for:
  - Calcaneus
  - Fibula
  - Talus
  - Tibia
- Landmarks placed on identified anatomy:
  - Ankle center
  - Fibular notch
  - Malleolus (lateral, medial)
- Automatic ROI detection within larger extent scans
- Option to retain all bone fragments

## Craniomaxillofacial (CMF) CT Segmentation and Landmarking

- Anatomy specific automated segmentation tool for the CMF region
- Automatic segmentation suitable for use on CT scans
- Produces masks for:
  - Cranium
  - Cranium (filled orbitals)
  - Mandible

- Cervical spine
- Upper/lower canines
- Upper/lower incisors
- Upper/lower molars
- Ear canals
- Airways
- Eyeballs
- Optic nerves
- Mandibular nerves
- Cranial cavity
- Skin
- Landmarks placed on identified anatomy:
  - Mandibular foramen (left/right)
  - Mandibular angle (left/right)
  - Mandibular symphysis
  - Coronoid process (left/right)
  - Condylar process (left/right)
  - Orbitale (left/right)
  - Porion (left/right)
  - Nasion
  - Foramen magnum center (FMC)
- Automatic ROI detection within larger extent scans
- Option to retain all bone fragments
- Option to split teeth into canines, incisors and molars

## Hip CT Segmentation and Landmarking

- Anatomy specific automated segmentation tool for hip or pelvis region
- Automatic segmentation suitable for use on CT scans
- Produces masks for:

