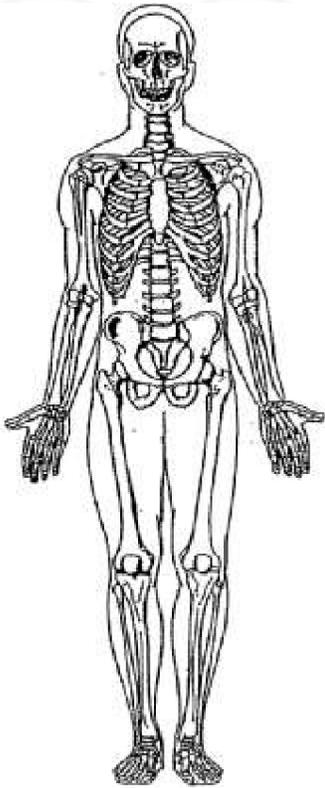


## CT EXTREMITY - MSK



<b>Indications</b>	<b>possible fracture, infection, mass, vascular issue</b>
Exams covered include	Hip, knee, ankle, foot, lower extremity. Shoulder, elbow, wrist, hand, finger, upper extremity.
<b>Scan Parameters</b>	<b>See imaging guide: CT extremity positioning on the SGRA website</b>
Contrast	per Radiologist instruction
Injection rate	per Radiologist instruction
Respiration	per protocol / body part
<b>NOTE:</b>	<b>MUST HAVE PLAIN FILMS PRIOR to having the CT.</b>
<b>Focused region of interest:</b>	<b>CT MSK exams should be more focused on the specific area in question. A knee exam, for example, should not include the hip or ankle unless specifically indicated. Broad scans like these lead to inefficiencies and unnecessary radiation exposure.</b>
FOV	smallest FOV possible without cutting off anatomy.

<b>PLANE</b>	<b>ALGORITHM</b>	<b>THICKNESS</b>	<b>DFOV</b>	
Axial	Soft tissue	2.0 mm x 2.0 mm	pt largest + 4 cm	
Axial	Bone	2.0 mm x 2.0 mm		
Coronal & Sagittal	Bone	2.0 mm x 2.0 mm		Reformats

**NOTES:**

- LMP on pts of child-bearing age
- Shield children when possible