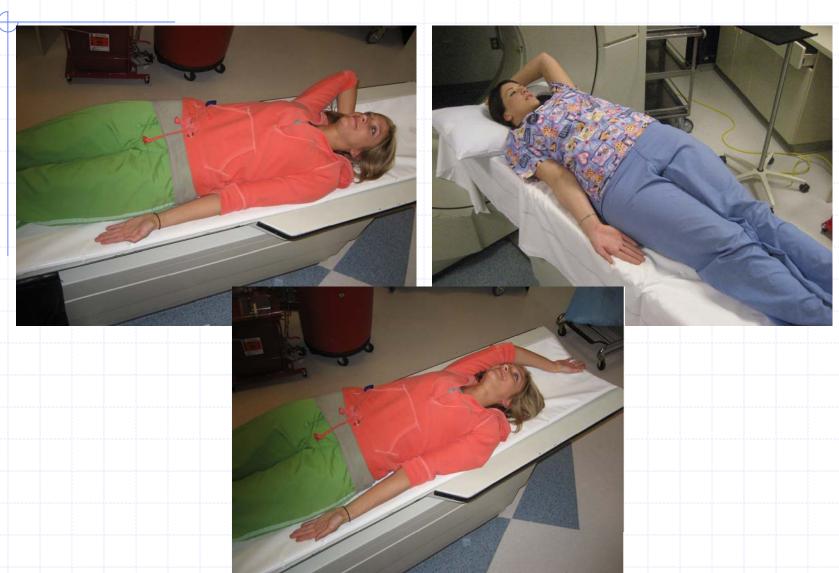


- Positioning
 - Patient supine
 - Affected arm by side of body
 - Contralateral arm raised above head.



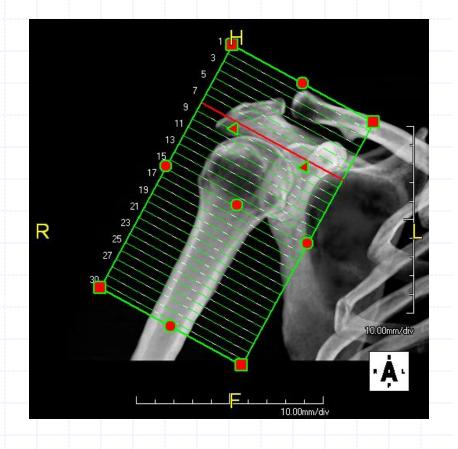
Gantry Tilt	FOV	KV	mA
0	Large	140	200
	Slice (mm)	Interval (mm)	Type/Plane
Reconstruct	1.25	0.62	-Bone -Soft Tissue
Reformat	2	2	-Axial -Coronal -Sagittal

Relevant Anatomy

Clavicle R

Scanning Plane •Prescribe plane parallel to humeral shaft.

Prescribe plane parallel to humeral shaft.Cover from AC joint through proximal humeral diaphysis.



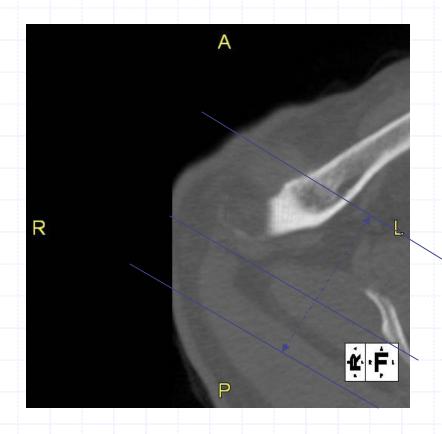
SHOULDER Coronal Imaging Plane

Relevant Anatomy

Coronal Imaging Plane

 Prescribe coronal plane off of axial images parallel to supraspinatus muscle





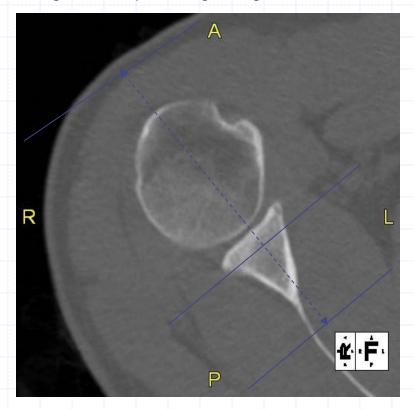
SHOULDER Sagittal Imaging Plane

Relevant Anatomy

Deltoid A Muscle Humeral Head R Bony Glenoid

Sagittal Imaging Plane

- Prescribe sagittal plane off axial images with line parallel to bony glenoid.
- •Image from scapular wing through deltoid muscle.



ELBOW

- Positioning
 - Patient supine
 - Arm by side or raised above head
 - Palm up

ELBOW



ELBOW

Gantry Tilt	FOV	KV	mA
0	Small	120	150
	Slice (mm)	Interval (mm)	Type/Plane
Reconstruct	0.625	0.3	-Bone -Soft Tissue
Reformat	0.8	1.5	-Axial -Coronal -Sagittal

Elbow

Relevant Anatomy

Scanning Plane

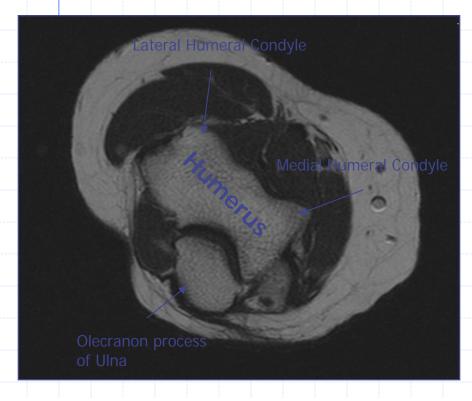
- Prescribe plane perpendicular to coronal plane (©).
- •Scan from humeral diaphysis past radial tuberosity

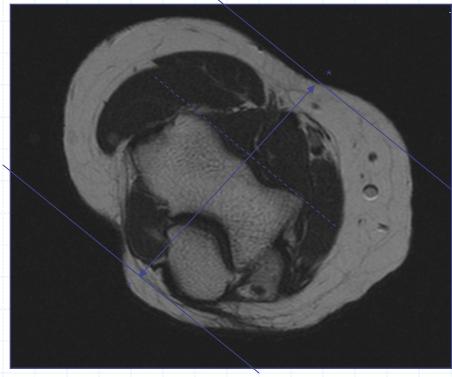
ELBOW Coronal Imaging Plane

Relevant Anatomy

Coronal Imaging Plane

*Prescribe plane parallel to anterior humerus at condyles. Scan through entire elbow.



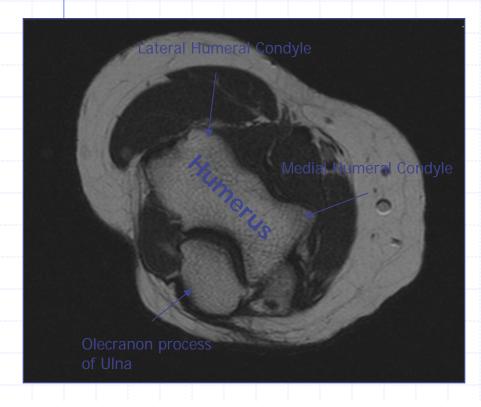


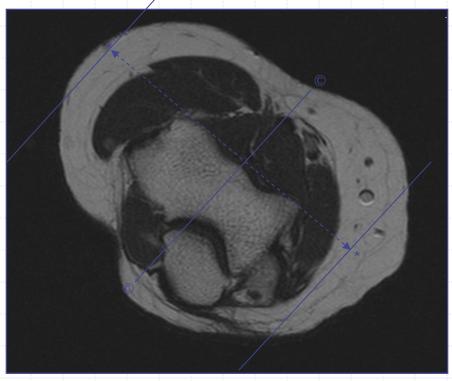
ELBOW Sagittal Imaging Plane

Relevant Anatomy

Sagittal Imaging Plane

*Prescribe plane perpendicular to coronal plane (©). Scan through entire elbow.





- Positioning
 - Patient prone
 - Arm over head ("Mighty Mouse Position")
 - Arm as straight as possible
 - Wrist centered in gantry





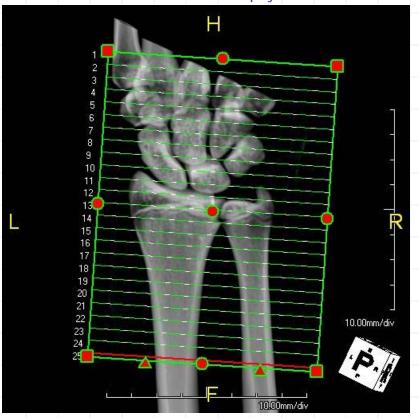
Gantry Tilt	FOV	KV	mA
0	Small	120	150
	Slice (mm)	Interval (mm)	Type/Plane
Reconstruct	0.625	0.3	-Bone -Soft Tissue
Reformat	0.8	1.5	-Axial -Coronal -Sagittal

Relevant Anatomy



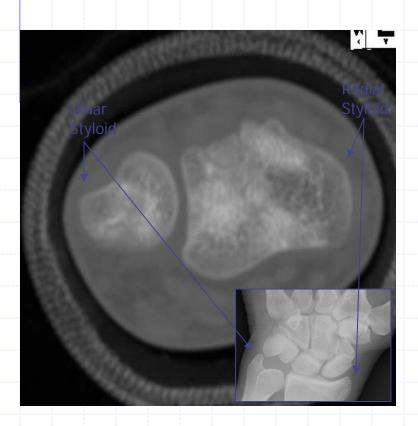
Scanning Plane

Prescribe plane parallel to distal radius.
Scan from proximal metacarpals through distal radial/ulnar metaphysis.



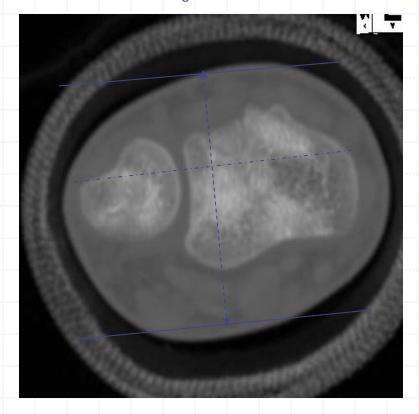
WRIST Coronal Imaging Plane

Relevant Anatomy



Coronal Imaging Plane

Prescribe plane parallel to line drawn from ulnar styloid through radial styloid.
Scan through entire wrist.

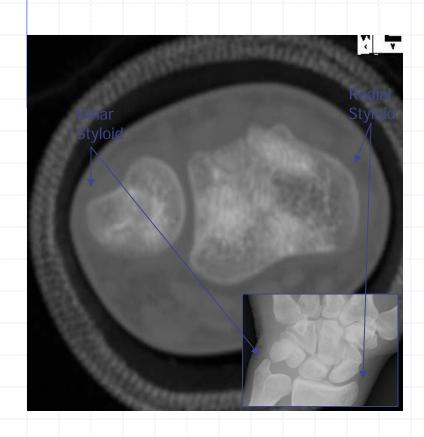


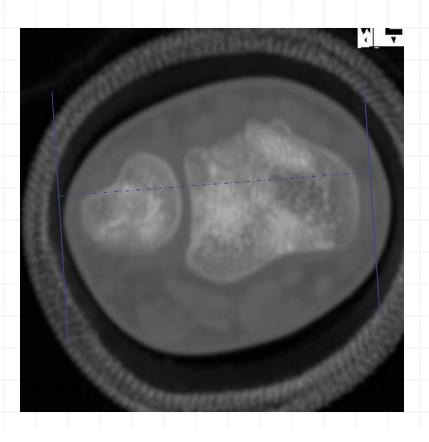
WRIST Sagittal Imaging Plane

Relevant Anatomy

Sagittal Imaging Plane

*Prescribe plane perpendicular to coronal plane (©). Scan through entire wrist.





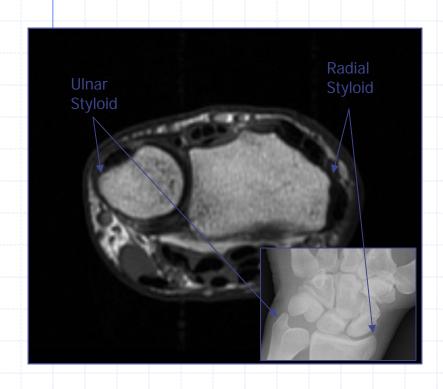
WRIST Sagittal Imaging Plane

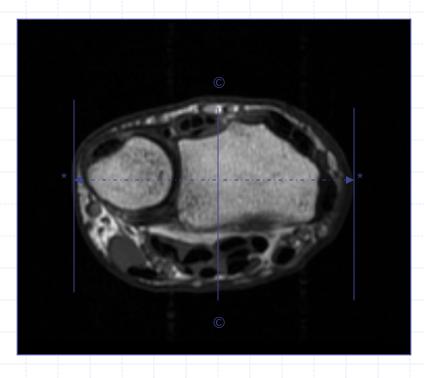
Relevant Anatomy

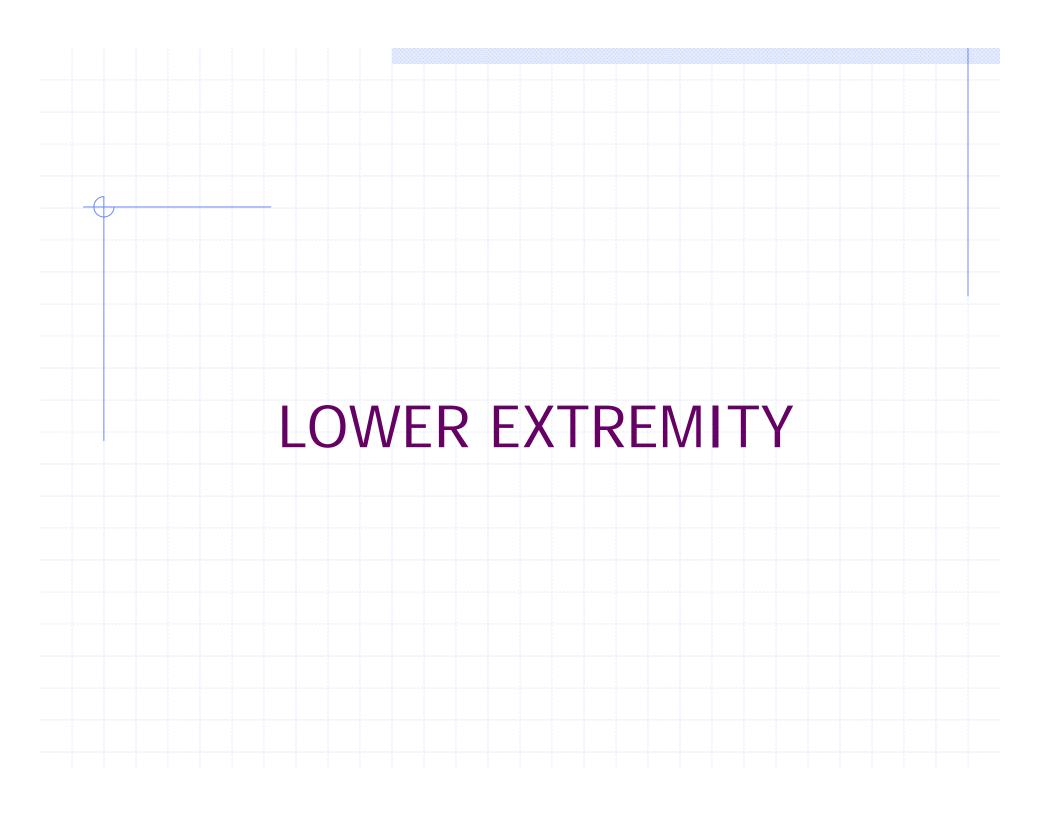
Sagittal Imaging Plane

*Prescribe plane perpendicular to coronal plane (©).

Scan through entire wrist.







HIP

- Positioning
 - Patient Supine
 - Legs flat on table

HIPS





HIP

Gantry Tilt	FOV	KV	mA
0	Large	140	200
	Slice (mm)	Interval (mm)	Type/Plane
Reconstruct	1.25	0.62	-Bone -Soft Tissue
Reformat	2	2	-Axial -Coronal -Sagittal

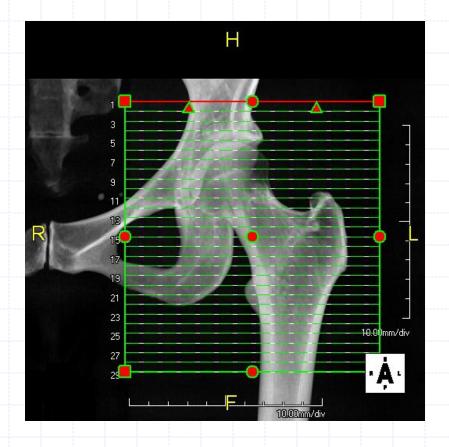
HIP

Relevant Anatomy

H Acetabula Roof 10.00mm/div

Scanning Plane

•Prescribe plane parallel to acetabular roof
•Scan from acetabular roof through lesser trochanter

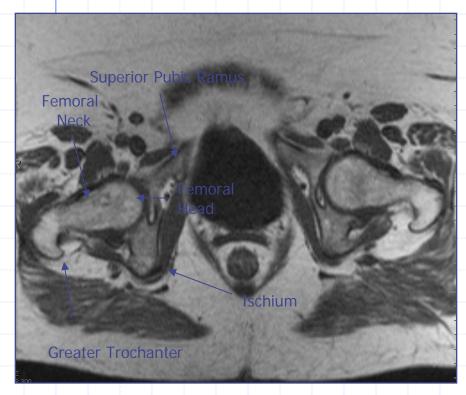


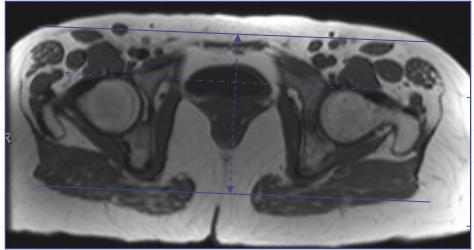
HIP Coronal Imaging Plane

Relevant Anatomy

Coronal Imaging Plane

*Prescribe plane parallel femoral heads. Scan from ischium through pubic symphesis.





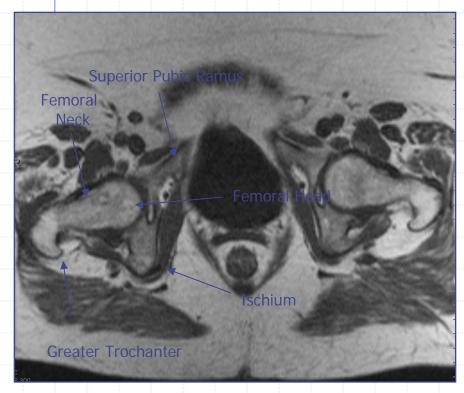
HIP Sagittal Imaging Plane

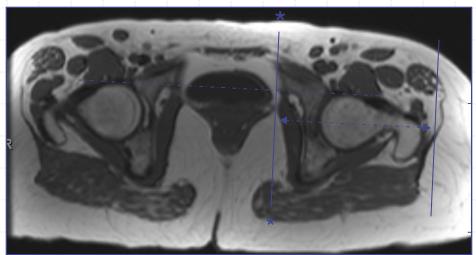
Relevant Anatomy

Sagittal Imaging Plane

*Prescribe plane perpendicular to coronal plane.

Scan from acetabulum through greater trochanter.





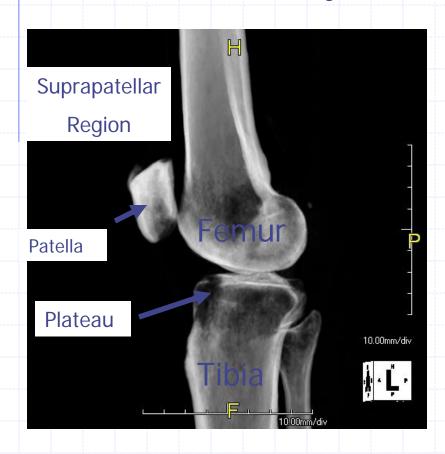
- Positioning:
 - Patient Supine with feet first into scanner
 - Keeps knees extended, side-by-side.
 - Tape the feet together with toes pointing up to help keep the knees from moving.
 - Slide patient so that the knee being scanned is in the center of the table





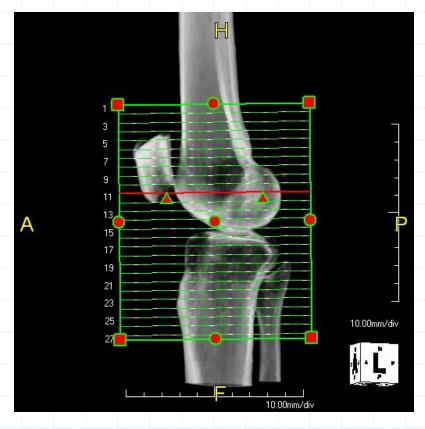
Gantry Tilt	FOV	KV	mA
0	Small	120	150
	Slice (mm)	Interval (mm)	Type/Plane
Reconstruct	0.625	0.5	-Bone -Soft Tissue
Reformat	0.8	1.5	-Axial -Coronal -Sagittal

Relevant Anatomy



Scanning Plane • Prescribe plane parallel to axis of the tibial plateau.

- Scan knee from suprapatellar region to the proximal tibia



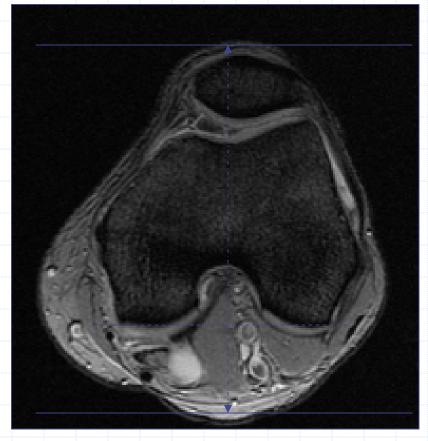
KNEE Coronal Imaging

Relevant Anatomy



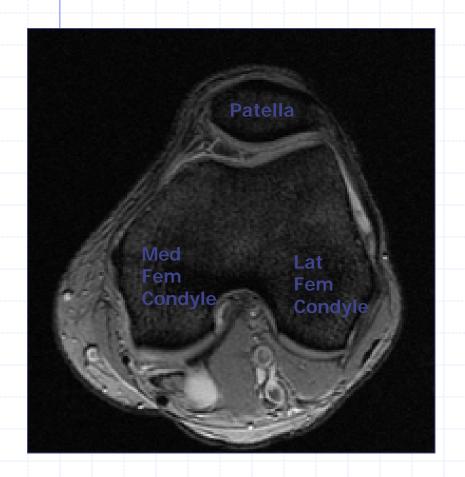
Prescribe plane with line parallel to femoral condyles. Image entire knee.





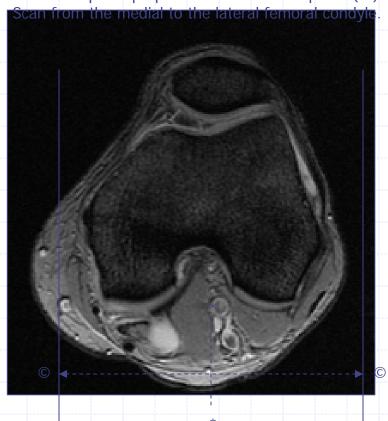
KNEE Sagittal Imaging Plane

Relevant Anatomy



Sagittal Imaging Plane

*Prescribe plane perpendicular to coronal plane (©).



- Positioning:
 - Patient supine
 - Center in scanner both feet or foot of interest (use foot holder, if available). If imaging both feet, bring them together
 - Toes pointing straight up.
 - Foot inverted slightly

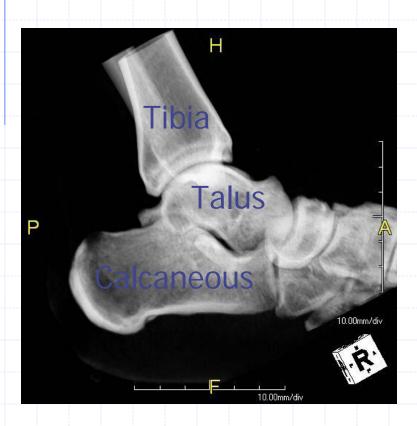






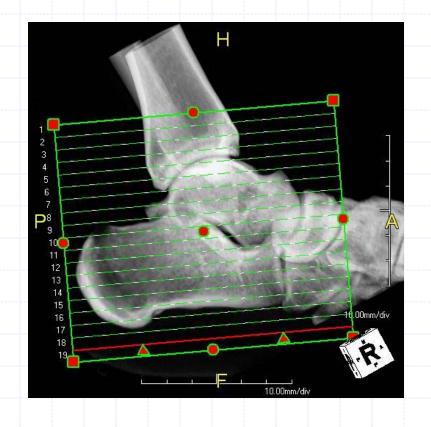
Gantry Tilt	FOV	KV	mA
0	Small	120	150
	Slice (mm)	Interval (mm)	Type/Plane
Reconstruct	0.625	0.3	-Bone -Soft Tissue
Reformat	0.8	1.5	-Axial -Coronal -Sagittal

Relevant Anatomy



Scanning Plane •Prescribe plane parallel to axis of calcaneus. •Scan ankle from distal tibia through beyond

- the inferior calcaneous

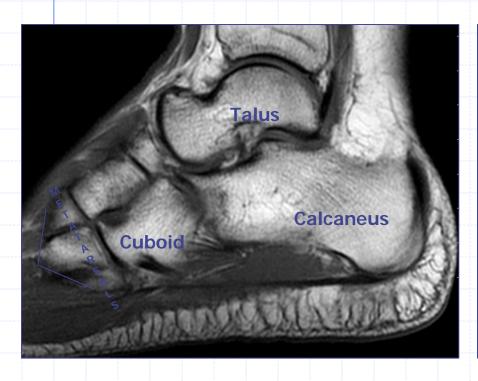


ANKLE Coronal Imaging Plane

Relevant Anatomy

Coronal Imaging Plane

Prescribe plane perpendicular to axial imaging plane. Scan ankle from calcaneus through metatarsal bases.





ANKLE Sagittal Imaging Plane

Relevant Anatomy



Sagittal Imaging Plane

Prescribe plane with line bisecting calcaneus. Scan through entire foot.

