



**School of Medicine
and Public Health**

UNIVERSITY OF WISCONSIN-MADISON

Scout Ranges and Anatomical Reference Guide

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Manufacturer:
School of Medicine and Public Health
University of Wisconsin-Madison
610 Walnut Street
Madison, WI 53726

Manufactured in USA

Scout Ranges and Anatomical Reference Guide

The tables below list scout start and end ranges appropriate for most Adults and Pediatrics, adjustment of these values should be based on patient height.

Adult SCOUT RANGES

Protocol Name/Type	Anatomical Landmark	Scout Start Location	Scout End Location
Head (Brain), Orbits, Facial Trauma, Sinus, Temporal Bone, Stereotactic head, pituitary gland and cavernous sinus	OM	S 150	I 150
CTA head, AND any of the following that need to smart prep over the aortic arch: Head (Brain), Orbits, Facial Trauma, Sinus	OM	S 150	I 300
Stroke Deluxe, Head/Neck Venography	SN	S 300	I 200
Neck, CTA neck, Cervical Spine	SN	S 200	I 200
Shoulder/Humerus	SN	S 150	I 150
Elbow/Forearm	EJ	S 150	I 150
Wrist/Hand	WJ	S 150	I 150
Chest, Lung Cancer Screening, Pulmonary Embolism, All Cardiac Protocols (gated/non-gated), Chest Wall/Sternum/SC/AC	SN	S 50	I 350
Subclavian venogram, Pectus, Dynamic Airway	SN	S 75	I 350
Abdomen/Pelvis (this includes all protocols starting with Abd-Pelvis unless otherwise noted), Lumbar Spine	XY	S 50	I 500
Chest Abdomen Pelvis, CTA C/A/P, TAVI/TAVR, PE/Abd/Pelvis Combo, Thoracic Spine	SN	S 50	I 650
Bony Pelvis, Cystogram, Body Pelvis	IC	S 50	I 300
MAKO Hip and MAKO Knee	IC	S 50	I 650
Knee/Tibia	KN	S 150	I 150
Femoral Anteversion, Hip Preservation	IC	S 100	I 1000
Ankle Foot, Distal Tibia	AJ	S 150	I 150
Upper Extremity CTA (run off)	SN	S 800	I 300
Lower Extremity CTA (run off)	SN	S 100	I 1700*

*Note, some scanners may only be capable of going to I1450.

OM = orbital meatal, SN = sternal notch, EJ = elbow joint, WJ = wrist joint, XY = xyphoid process, IC = iliac crest, KN = knee, AJ = ankle joint



Peds CHEST

Protocol Name/Size	Anatomical Landmark	Scout Start Location	Scout End Location
Peds Chest (Newborn)	SN	S 50	I 200
Peds Chest (6 Mo.- 2.5 yr)	SN	S 50	I 200
Peds Chest (3-7 yr)	SN	S 50	I 250
Peds Chest (8-12 yr)	SN	S 50	I 250
Peds Chest (13-18 yr)	SN	S 50	I 300

Peds CHEST/ABD/PEL

Protocol Name/Size	Anatomical Landmark	Scout Start Location	Scout End Location
Peds C/A/P (Newborn)	SN	S 50	I 350
Peds C/A/P (6mo- 2.5 yr)	SN	S 50	I 400
Peds C/A/P (3-7 yr)	SN	S 50	I 450
Peds C/A/P (8-12 yr)	SN	S 50	I 500
Peds C/A/P (13-18 yr)	SN	S 50	I 550

Peds ABD/PEL

Protocol Name/Size	Anatomical Landmark	Scout Start Location	Scout End Location
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Peds Abd/Pel (Newborn)	XY	S 50	I 300
Peds Abd/Pel (6mo- 2.5 yr)	XY	S 50	I 350
Peds Abd/Pel (3-7 yr)	XY	S 50	I 400
Peds Abd/Pel (8-12 yr)	XY	S 50	I 450
Peds Abd/Pel (13-18 yr)	XY	S 50	I 500

Peds Pelvis

Protocol Name/Size	Anatomical Landmark	Scout Start Location	Scout End Location
Peds Pelvis (Newborn)	IC	S 50	I 150
Peds Pelvis (6mo- 2.5 yr)	IC	S 50	I 150
Peds Pelvis (3-7 yr)	IC	S 50	I 200
Peds Pelvis (8-12 yr)	IC	S 50	I 250
Peds Pelvis (13-18 yr)	IC	S 50	I 250

Peds NEURO

Protocol Name/Type	Anatomical Landmark	Scout Start Location	Scout End Location
Peds Head, Sinus, Maxi, T-bone, (Newborn- 6 yr)	OM	S 125	I 125
Peds Head, Sinus, Maxiface, T-bone (7-17 yr)	OM	S 150	I 150
Peds Stroke CTA & CTV Head/Neck (Newborn- 6 yr)	SN	S 250	I 150
Peds Stroke CTA & CTV Head/Neck (7- 17 yr)	SN	S 300	I 200
Peds CTA Head (Newborn- 6 yr)	OM	S 100	I 250
Peds CTA Head (7- 17 yr)	OM	S 150	I 300
Peds Neck and CTA Neck (Newborn- 6 yr)	SN	S 150	I 150
Peds Neck and CTA Neck (7-17 yr)	SN	S 200	I 200

Peds T-SPINE

Protocol Name/Size	Anatomical Landmark	Scout Start Location	Scout End Location
Peds T-Spine (Newborn)	SN	S 50	I 350
Peds T-Spine (6mo- 2.5 yr)	SN	S 50	I 400
Peds T-Spine (3-7 yr)	SN	S 50	I 450
Peds T-Spine (8-12 yr)	SN	S 50	I 500
Peds T-Spine (13-18 yr)	SN	S 50	I 550

Peds L-SPINE

Protocol Name/Size	Anatomical Landmark	Scout Start Location	Scout End Location
Peds L-Spine (Newborn)	XY	S 50	I 300
Peds L-Spine (6mo- 2.5 yr)	XY	S 50	I 350
Peds L-Spine (3-7 yr)	XY	S 50	I 400

Peds L-Spine (8-12 yr)	XY	S 50	I 450
Peds L-Spine (13-18 yr)	XY	S 50	I 500