

Guidelines for Ordering Adult X-Rays

Adult X-Ray Exams (18 Years and Older)	Description of Views Included	Standard Views
HEAD		
Skull	PA, Towne, and Right/Left Lateral	4
Facial Bones	Waters, PA Caldwell, and Lateral	3
Orbits	Waters, Modified Waters, PA Caldwell, and Lateral of Affected Side	4
Orbits (For Foreign Body)	Waters and Left Lateral	2
Sinuses	Waters, PA, and Lateral of Affected Side (All Images Upright)	3
Nasal Bones	Waters and Right/Left Lateral	3
TMJ	Towne, PA, and Right/Left Lateral Open Mouth and Closed Mouth	6
Mandible	Towne, PA, and Both Axialaterals	4
Mastoids	Towne and Axialateral Oblique/Stenvers	3
UPPER EXTREMITY		
Clavicle	AP with Cephalic Angle	1
AC Joints	AP Without Weights	1
SC Joints	PA and Bilateral Obliques	3
Scapula	AP and Lateral	2
Shoulder	AP, Outlet, and Axillary Lateral	3
Shoulder (For Trauma)	AP and Axillary Lateral	2
Humerus	AP and Lateral	2
Elbow	AP, Lateral, and Radial Head	3
Forearm	AP and Lateral	2
Wrist	PA, Oblique, and Lateral (Navicular if Area of Pain)	3 to 4
Hand	PA, Oblique, and Lateral	3
Finger	PA of Hand, Oblique, and Lateral of Affected Finger	3
ABDOMEN, TORSO AND SPINE		
Cervical Spine	AP, Bilateral Obliques, and Lateral (Add Open Mouth for Trauma)	4 to 5
Cervical Spine (With Flexion/Extension)	AP, Bilateral Obliques, Lateral, and Lateral Flexion/Extension	6
Soft Tissue Neck	AP and Lateral	2
Thoracic Spine	AP and Lateral	2
Sternum	Oblique and Lateral	2
Chest	PA and Left Lateral	2
Ribs	PA or AP Upper/Lower and Oblique	3 to 4
Abdomen (KUB)	AP Supine	1
Abdomen (Flat and Upright)	AP Supine and AP Upright	2
Lumbar Spine	AP, Lateral, and Coned Lateral	3
Lumbar Spine (With Flexion/Extension)	AP, Lateral, Coned Lateral, and Lateral Flexion/Extension	5
Lumbar Spine (With Obliques)	AP, Lateral, Coned Lateral, and Bilateral Obliques	5
Pelvis	AP	1
Hip	AP and Lateral (AP Standing)	2
Bilateral Hips	AP and Lateral of Each Hip (APs Standing)	4
Bilateral Hips and Pelvis	AP, Lateral of Each Hip, and AP Pelvis (AP Hips Standing)	5
SI Joints	AP, Right Oblique, and Left Oblique	3
Sacrum	AP and Lateral	2
Coccyx	AP and Lateral	2
Sacrum and Coccyx	AP Cephalad, AP Caudal, and Lateral	3
Spine Screen for Scoliosis	Spine AP and Lateral (<i>Johnston Office Only</i>)	2
LOWER EXTREMITY		
Femur	AP and Lateral	2
Knee	AP, Lateral, and Sunrise (AP/Lateral Standing)	3
Bilateral Knees	AP, Lateral of Each Side, and Sunrise of Each Side (AP/Laterals Standing)	5
Lower Leg	AP and Lateral	2
Ankle	AP, Lateral, and Oblique (All Done Standing if Able)	3
Heel	Lateral and Semi-Axial	2
Foot	AP, Lateral, and Oblique (All Done Standing if Able)	3
Toes	AP/Oblique of Forefoot and Lateral of Affected Toe	3
Leg Length	Bilateral AP (<i>Johnston Office Only</i>)	1

Guidelines for Ordering Pediatric X-Rays

Pediatric X-Ray Exams (Under 18 Years Old)	Description of Views Included	Standard Views
HEAD		
Sinus	Upright Waters, PA, and Lateral of Affected Side	3
Skull	PA, Towne, and Right/Left Lateral	4
Nasal Bones	Waters and Right/Left Laterals	3
UPPER EXTREMITY		
Upper Extremity (Less Than 1 Year)	AP/Lateral Shoulder to Elbow and AP/Lateral Elbow to Wrist	4
Clavicle	AP and Angled AP	2
Shoulder	AP and Axillary Lateral	2
Humerus	AP and Lateral	2
Elbow	AP, Lateral, and Internal Oblique	3
Forearm	AP and Lateral	2
Wrist	PA, Oblique, and Lateral (Navicular if Area of Pain)	3 to 4
Hand	PA, Oblique, and Lateral	3
Finger	PA of Hand, Oblique, and Lateral of Affected Finger	3
ABDOMEN, TORSO AND SPINE		
Cervical Spine (14 and Under)	AP and Lateral	2
Cervical Spine (Trauma)	AP, Lateral, and Open Mouth	3
Cervical Spine (Stability)	Lateral: Neutral, Flexion and Extension	3
Soft Tissue Neck (Snoring and Evaluation of Adenoids/Tonsils)	Lateral	1
Soft Tissue Neck (For Difficulty Breathing/Stridor)	AP and Lateral	2
Thoracic Spine	AP and Lateral	2
Chest	PA and Left Lateral	2
Sternum	Oblique and Lateral	2
Ribs	PA or AP, Oblique, and Spot	3 to 4
Abdomen (KUB)	AP Supine	1
Abdomen (Flat and Upright)	AP Supine and AP Upright (Under 5 Left Lateral Decubitus)	2
Lumbar Spine	AP and Lateral	2
Pelvis	AP	1
Hips (Under 15 Always Done Bilateral)	AP Pelvis and Frog Lateral Pelvis	2
Spine Screen for Scoliosis	Spine AP and Lateral (<i>Johnston Office Only</i>)	2
LOWER EXTREMITY		
Lower Extremity (Less Than 1 Year)	AP/Lateral Hip to Knee and AP/Lateral Knee to Ankle	4
Femur	AP and Lateral	2
Knee	AP and Lateral	2
Bilateral Knees	AP and Lateral of Each Side	4
Lower Leg	AP and Lateral	2
Ankle	AP, Lateral, and Oblique	3
Heel	Lateral and Semi-Axial	2
Foot	AP, Lateral, and Oblique	3
Toes	AP/Oblique of Forefoot and Lateral of Affected Toe	3
MISCELLANEOUS		
Bone Age	PA of Left Hand and Wrist	1

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Pediatric X-Ray Exam Precautions

*No Leg-Length Measurement Exams Performed