

X-ray Protocols

Revised: September 15th, 2011

Abdomen Series	KUB (include symphysis), Upright (include entire abdomen, lung bases)
AC Joints	AP bilateral erect. (with and without weights)
Ankle	AP, Mortise oblique, Lateral. (Lateral view must include entire calcaneus and base of 5th metatarsal bone)
Calcaneus	Axial with 40 degree cephalad angle, Lateral
Cervical Spine	AP, Odontoid, Lateral. (Pt's over 12 yrs old, must include both obliques)
Chest	PA and Left Lateral
Clavicle	AP and AP with 15 degree cephalad angle.
Coccyx	AP w/10 degrees caudal angle, Lateral
Elbow Routine (non-injury)	AP, Lateral
Elbow Routine (Injury)	AP, Lateral and both Obliques
Facial Bones	PA Caldwell, Waters, Lateral of affected side, and SMV
Femur	AP and Lateral (include both joints) (Must include entire prosthesis)
Finger	PA Hand, Lateral and Oblique of affected digit
Foot	AP, Later and Internal oblique
Forearm	AP and Lateral (Must include both joints)
Hand	PA, Oblique and "Fanned" Lateral
Hip	AP Pelvis, Frog Lateral of affected Hip. (Trauma-Lateral must be cross-table)
Humerus	AP, Lateral (Trauma..Transthoracic Lateral)
Knee Routine (No injury)	AP, Lateral
Knee Routine (Injury)	AP, Lateral, Internal and External Obliques. (Lateral-Must be cross-table)
Lower Leg (Tib/Fib)	AP, Lateral (Include both joints)
Lumbar Spine	AP, Lateral, Spot L-5-S1
Mandible	PA, Towne, both Obliques and Panorex
Mastoids	No X-ray. Must do CT
Nasal Bones	Waters, Bilateral Laterals
Orbits	PA Caldwell, Waters, Lateral, Bilateral Rheese Views
Patella	AP, Lateral, Settegast
Ribs	AP or PA, Bilateral 30 degree Obliques of affected side
Sternoclavicular Joints	No X-ray. Must do CT
Sacroiliac Joints	AP w/35 Degree cephalad angle, Both posterior Obliques
Sacrum	AP with 15 degree cephalad angle and Lateral
Scapula	AP, Lateral
Scoliosis	Not to be done at AMC. Do at Encircle Health or TC, or TOPS
Shoulder Routine (no injury)	AP, Oblique, Axillary
Shoulder Routine (Injury)	AP, Oblique, Y View
Sinuses	PA Caldwell, Waters, Lateral of affected side
Skull	PA, Waters, Towne, Bilateral Laterals. (Trauma- one lateral cross-table)
Trauma Cervical Spine	W/Collar. Clear cross-table Lateral. AP, Odontoid, (Once collar is removed, Complete exam w/Bilateral Obliques, Upright Lateral and Odontoid, (If not obtained while patient was in collar
Soft Tissue Neck	AP, Lateral

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Sternum	RAO (30 degrees while PT breathing), Lateral
TMJ	No X-rays....Ct
Toes	AP foot, Lateral and Oblique of affected digit
Thoracic Spine	AP, Swimmers, Lateral (with or without breathing technique)
Wrist	PA, Lateral, Oblique
Scaphoid (Navicular)	PA wrist with ulnar deviation, center beam on scaphoid. Repeat view with tube angled 20 degrees toward the elbow.
Zygomatic Arches	PA Caldwell, Waters, Low Towne, SMV
Adult Skeletal Survey	Bilateral AP: Ribs, Shoulders, Humeri, Femurs. AP/Lateral: Skull, T-sp, L-sp. Lateral view only of C-sp. AP Pelvis
Pediatric Skeletal Survey	Skull: AP or PA, Town, Both Laterals. AP views of both upper and lower extremities. AP/Lateral Chest. L-sp: AP (include pelvis) and Lateral. PA Bilateral Hands.
Bone Age	PA of Left Hand to include wrist.
Bone Age (under age 6)	PA of Left Hand to include wrist. AP of Left Knee
Babygram (Deceased)	AP entire baby, head turned, limbs straight, Hand AP
Newborn Hips (0-1 years)	AP Pelvis, legs fully extended and toes straight up. Van Rosen View
Pediatric Hips (1-18 yrs)	AP Pelvis and Frog Lateral. (Trauma-Cross Table Lateral)