## **Atlantic Medical Imaging - XRAY protocols**

# PLEASE - carefully read and follow script!

() if listed in parenthesis it is not necessary to specify how many views on script; standard order of body part is acceptable

ABDOMEN		
<u>ABDOMEN</u>	OBSTRUCTION SERIES	FOREIGN INGESTED BODY
Bill: 74000 - 1 View(constipation or abdominal pain)	Bill for: 74022 - Obstruction Series	Bill for: 76010 - 1 View
AP Abdomen (include Diaphragm and PS)	PA Chest	AP nose to rectum
Bill for: 74010 2 Views (kidney stones; stent)	r: 74010 2 Views (kidney stones;stent) Erect Abdomen - w/ Diaphragms/PS	
AP Abdomen – Supine Ap Supine Abdomen		
Both obliques (most common)	* Decubitus if patient is unable to stand	

CRANIOFACIAL STUDIES			
EYES FOR FOREIGN BODY	FACIAL BONES	MANDIBLE	NASAL BONES
MRI clearance	Bill: 70150 - Facial Bones Complete	Bill for: 70110 - Mandibles 4 views	Bill for: 70160 - Nasal Bones
Bill : 70030 - Eye for Foreign Body - 1 view	Waters	PA	Waters
Waters – 1 view	Caldwell	Right Oblique	Right Lateral Nose
	Lateral	Left Oblique	Left Lateral Nose
	SMV - base view	Straight Lateral	
	Low townes	Low AP Townes	
<u>ORBITS</u>	<b>PARANASAL SINUSES</b>	SKULL	<u>TMJ</u>
Bill for: 70200 - Orbits Complete	Bill : 70220 - Sinuses Complete	Bill for: 70250 - 4 Views	Bill for: 70330 - TM Joints
Caldwell	Erect - if patient can tolerate	Caldwell	AP Axial Mandible
Waters	Caldwell	Townes - must see	AP Townes
Rhese - left side	Waters with Open Mouth	foramen magnum	Laterals - all at 15 degrees
Rhese - right side	SMV - base view	Right Lateral	Lateral - Left side Open Mouth
Lateral of affected side	Lateral	Left Lateral	Lateral - Left side Closed Mouth
			Lateral - Right side Open Mouth
			Lateral - Right side Closed Mouth
<u>MASTOIDS</u>			

Bill for: 70130 Mastoids Bilat

Townes PA

Stenvers B/L- 12 degrees Cephalic

SMV

	W	/FR	<b>EX1</b>	<b>TRF</b>	M	ITY
L	, , ,				IAI	

<u>ANKLE</u>	<u>CALCANEOUS</u>	<u>FEMUR</u>	FOOT
Bill for: 73610 - 3 Views	Bill for: 73650 - Heel 2 Views	Bill for: 73551 - Femur (2view)	Bill for: 73630- 3 Views
AP Ankle	Planto-Dorsal Axial View	AP - include both joints	AP Foot (10 degrees toward heel)
Internal Oblique	Lateral	Lateral - include both joints	Internal Oblique
Lateral			Lateral
			(Sesamoid axial view)
			ALL VIEWS weight baring if tolerated
HIP- 73502 & 72170	HIP - PEDS < 8 years	KNEE	PELVIS PELVIS
Bill for: 2 views hip; includes the 1 view Pelvis	Bill for: 73502 - 2 V Pediatric	Bill for: 73562 - 3 Views	Bill for: 72170 - 1 View
Pelvis	AP bilateral Pelvis	PA - erect	AP Pelvis - rotate feet internally
AP Hip	Frog Pelvis Bilateral	Lateral -erect	
Frog view of sympt hip		Sunrise - if not tolerated,	
(Cross Table Lateral if you suspect Fracture)		both obliques	
<u>TOE</u>	LOWER EXT FOR INFANTS	LEG LENGTHS	TIBIA-FIBULA
Bill for: 73660 - 2 Views	Bill for: 73592- Lower Extremity Infant Left or Right	Bill : 77073 - Scanogram	Bill for: 73590 - Tib/Fib (2 views)
AP Foot (10 degrees toward heel)	AP Femur down to Ankle		AP - include both joints
Internal Ohlings	Lateral Femur down to Ankle	Patient schedule in xray- Patient is	·
Internal Oblique Latera	' <b> </b>	done in CT dept.	Lateral - include both joints

SPINE - ALL DONE ERECT IF PATIENT CAN TOLERATE
LATERALS (Flexion, extension, spot & swimmers) send to PACS LEFT facing

SPINE- ALL LATERALS (Flexion, extension, spot & swimmers) send to PACS LEFT facing			
CERVICAL		THORACIC	
Bill for: 72040 (2 Views)		Bill for: 72072 ( 3 Views)- Normal Routine	
АР		AP	
Odontoid		Lateral	
Lateral (swimmers if necessary)		Swimmers	
Bill for: 72050 (w/ Obliques OR Flex & Exten) **** change to appt type		Bill for: 72070 ( 2 Views)	
AP		AP	
RPO <u>OR</u> Flexion	Odontoid	Lateral	
LPO <u>OR</u> Extension	Lateral (swimmers if necessary)	Bill for: 72074 ( 4 Views) (w/ Obliques OR Flex & Exten)	
Bill for: 72052 Complete (w/ Obliques AND Flex & Exten)		АР	
AP		Lateral	
Odontoid	Lateral (swimmers if necessary)	Obliques OR Flexion & Extension	
RPO	Flexion	Swimmers	
LPO	Extension	updated 7/15/16	

### **SPINE** - ALL DONE ERECT IF PATIENT CAN TOLERATE

### SPINE- ALL LATERALS (Flexion, extension, spot & swimmers) send to PACS facing to LEFT

	, , , , ,	
LUMBAR		
Bill for: 72100 ( 2 Views)		<u>C - T - L SPINES BUNDLE</u>
		Bill for: CS 72050
Lateral		LS 72100
Spot		TS 72070
Bill for: 72110 (Obliques) min 4 views		C-Spine with Obliques-4 or 5vs
(Flexion& Extension)		L-Spine 2 Views or 3 views
АР		T-Spine 2 Views
RPO <u>OR</u> Flexion		
LPO <u>OR</u> Extension		<u>C - T - L SPINES BUNDLE (CHIROPRACTORS)</u>
Lateral		Bill for: CS 72040
Spot		LS 72100
Bill for: 72114 Complete (w/ Obliq AND Flex	& Exten) min 6 views	TS 72070
АР		C-Spine 2 Views or 3 views
RPO		L-Spine 2 Views or 3 views
LPO		T-Spine 2 Views
Lateral		
Spot		
Flexion		
Extension		
Bill for: 72120 (Flexion and Extension ONLY)	(2or3 Views)	
Flexion and Extension ONLY		
SACRO-ILIAC JOINTS	SACRUM COCCYX	SCOLIOSIS STUDY - HAMMONTON
Bill for: 72202 -Sacroiliac Joints	Bill for: 72220- Sacrum & Coccyx	Bill for: 72090- 2Views
AP - Supine 35 degrees cephalic	Sacrum - AP supine	PA erect of Spine (C7 to bottom of T-Spine)
RPO - 30 degree angle of part, not tube	15 degrees cephalic	PA erect of Spine (bottom of T-Spine to IC) Include full FOV IC
LPO - 30 degree angle of part, not tube	Coccyx - AP supine	((Overlap with film of upper Spine))
	10 degrees caudal	((Films done PA, no shoes on))
	Lateral	
		If Long Films are requested, Study will be done
		in Festival , EHT, CMCH, or Brick - Bill for 2 view

UPPER EXTREMITY -	All xray studies should	be done ONE side - ON	NE image at a time.
ACROMIOCLAVICULAR JOINTS	CLAVICLE	<u>ELBOW</u>	<u>FINGER</u>
Bill for: 73050 - AC Joints Bilateral	Bill for: 73000 - Clavicle Rt or Lt	Bill for: 73080 - 3 Views	Bill for: 73140 - 2 Views
AP with Weights	АР	AP	PA Hand
AP without Weights	AP (15 Degree Cephalic Angle)	External Oblique	Both obliques of affected finger
must include both joints		True Lateral	Lateral of affected finger
		Radial Head-40 degree cephalic	
FOREARM	HAND	HUMERUS	SCAPULA
Bill for: 73090 - Forearm(Is a 2 view)	Bill for: 73130 - 3 Views	Bill for: 73060 - 2 Views	Bill for: 73010 - Scapula ( 2 View)
AP - include both joints	PA Hand	AP - Neutral	АР
Lateral - include both joints	Oblique Hand	Lateral - include both joints	Y view
	Lateral Hand		
	Bilateral Hands:		
	If both are needed		
<u>SHOULDER</u>	WRIST	<b>UPPER EXT FOR INFANTS</b>	BONE AGE
Bill for: 73030- 2 Views	Bill for: 73110- 3 Views	Bill for: 73092- Upper Ext Infant Lt or Rt	Bill for: 77072 -Bone Age
Internal AP	PA	AP Humerus down to Wrist	PA Left Hand- include Wrist
External AP	PA Oblique	Lateral Humerus down to Wrist	
Grashey	Lateral		
Possible Dislocation or Fracture	Scaphoid		
Y – View			

THORAX			
Lateral Chest- Send to PACS with Sternum facing to RIGHT			
CHEST	RIBS STERNUM		<u>STERNUM</u>
Bill for: 71020 2 views	Bill for: 71020 -Ribs w/ Chest - Lt	or Rt	Bill for: 71120 - Sternum
PA Chest	PA Chest		Lateral
Left Lateral	Left Lateral Chest	71100-Ribs wo Chest	RAO
Chest -Apical Lordotic	PA Upper Ribs		
Bill for 71021: chest with apical view	AP Oblique Ribs (RPO or LPO)		
PA and Lat Chest	PA Lower Ribs		
Apical View - angle cephalic			
Chest- Obliques	SOFT TISSUE NECK	STERNOCLAVICULAR JOIN	<u>TS</u>
Bill for: 71022	Bill for: 70360 - Neck For Soft Tissue	Bill for: 71130 - Sterno-Clavicular J	oints
PA & Lat chest - Both Obliques chest	AP Neck for soft tissue	АР	
Chest additional views - same day	Lateral Neck for soft tissue	RPO	
71030:order as chest 4 views (obliques & decubs)	*include nasopharanax	LPO	

COMBINATION STUDIES		
BONE SURVEY PEDIATRIC	BONE SURVEY FOR MULTIPLE MYELOMA	
Bill for: 77076- Bone Survey Infant	Bill for: 77075 -Bone Survey Adult	
Skull - AP and Lateral	Chest PA/Lateral	
Chest - PA	Skull - AP and Lateral	
AP - Humerus	C-Spine - AP and Lateral	
AP - Forearm	T-Spine - AP and Lateral	
AP - Hand	L-Spine - AP and Lateral	
AP - Femur	Bilateral Ribs – AP - Upper and Lower Only	
AP - Tib/Fib	AP Humerus - include Shoulders	
AP - Foot	AP Pelvis	
AP Pelvis (Include mid and lower L-Spine)	AP Femurs to include Knees	
T-Spine - AP and Lateral		
L-Spine - Lateral	BONE SURVEY FOR LEAD LINES	

C-Spine - Lateral

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Bill for: Abdomen 1 View, Knee 2 View Left

Abdomen - Supine **AP Bilateral Knees Only** AP Bilateral Wrist Only

Knee 2 View Right, Wrist 2 View

#### **SHUNT**

#### **SHUNT SERIES**

Bill for: 2 View Skull, 2 View Chest, 2 View Abdomen

Skull - AP and Lateral Chest - AP and Lateral Abdomen - AP and Lateral

(Show Catheter from Scalp to Abdomen)



#### **VENTRICULAR SHUNT FOR NPH PRESSURE**

Pre MRI

Bill for: 70260- 4 View Skull

Perform AP skull if necessary to determine side gauge is on

Lateral skull

Lateral cone down view of gauge -Mark image pre MRI

Post MRI

Lateral skull

Lateral cone down view of gauge - Mark Image Post MRI

for codman Valve opposite lateral to shunt