

Anatomage

Table 4.0 – Digital Library Content

Skull Cases

CaseTitle	Description
Head Scan (56-year-old female)	
Head Scan (58-year-old female)	
Head Scan (70-year-old male)	
Head Scan (52-year-old female)	
Skull of 38 year male	Scan Resolution (mm): 0.18 X 0.18 X 0.18 Scan size (mm): 91.2 X 91.2 X 87.5
Tumor	Left orbit destroyed by tumor Scan Resolution (mm): 0.36 X 0.36 X 0.36 Scan size (mm): 182.2 X 182.2 X 171.9
Skull of 54 year old female	Arthritic mandibular condyles Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 240.0 X 240.0 X 183.7
Healed Fracture	Healed fracture in vomer, dentures and osteomas Scan Resolution (mm): 0.36 X 0.36 X 0.36 Scan size (mm): 184.9 X 184.9 X 173.7
Skull of 91 year old female	Cast top, will not have sutures Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Healed Frontal Bone Fracture	Healed frontal bone fracture Scan Resolution (mm): 0.39 x 0.39 x 0.39 Scan size (mm): 198.9 X 198.9 X 181.4
Paget's Disease	Paget's Disease; Osteomas Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Skull of 82 year old female	Possibly no sagittal suture Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Skull of Pituitary Dwarf	Pituitary Dwarf Scan Resolution (mm): 0.36 X 0.36 X 0.36 Scan size (mm): 183.4 X 183.4 X 182.4
Skull of 36 year old male	Scan Resolution (mm): 0.37 X 0.37 X 0.37 Scan size (mm): 188.9 X 188.9 X 181.8
Skull of 62 year old male	Scan Resolution (mm): 0.39 X 0.39 X 0.39 Scan size (mm): 197.9 X 197.9 X 182.5
Skull of 28 year old male	Trauma from being hit by a train, no skull damage Scan Resolution (mm): 0.38 X 0.38 X 0.38 Scan size (mm): 194.4 X 194.4 X 181.5
Skull of 26 year old male	Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 182.9
Rickets Disease	Rickets Disease Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Edentulous Skull of 80 year old male	Edentulous Scan Resolution (mm): 0.39 X 0.39 X 0.39 Scan size (mm): 198.3 X 198.3 X 172.7

Parietal Thinning	Parietal thinning Scan Resolution (mm): 0.47 X 0.47 X 0.23 Scan size (mm): 238.8 X 238.8 X 183.1
Skull of 32 year old female	Scan Resolution (mm): 0.34 X 0.34 X 0.34 Scan size (mm): 176.6 X 176.6 X 173.2
Skull of 23 year old male	Scan Resolution (mm): 0.37 X 0.37 X 0.37 Scan size (mm): 190.5 X 190.5 X 173.4
Temporomandibular Joint Dysfunction	Temporomandibular Joint Dysfunction (TMJ) on right jaw Scan Resolution (mm): 0.39 X 0.39 X 0.39 Scan size (mm): 201.0 X 201.0 X 180.9
Skull of 21 year old female	Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Occipital Protrusion	Occipital protrusion; Inca bones Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 240.0 X 240.0 X 183.7
Skull of 13 year old male	Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 182.9
Skull of 24 year old female	Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Tuberculosis	Tuberculosis, sinuses Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 240.0 X 240.0 X 183.7
Calvarium Fracture	Fracture in calvarium (possibly post-mortem) Scan Resolution (mm): 0.37 X 0.37 X 0.18 Scan size (mm): 191.8 X 191.8 X 164.0
Ossicle on Right Mastoid Process	Ossicle on right mastoid process, inca bones, paccionian pits Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 240.0 X 240.0 X 183.7
Skull of 58 year old male	Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 240.0 X 240.0 X 183.7
Skull of 40 year old male	Scan Resolution (mm): 0.40 X 0.40 X 0.40 Scan size (mm): 204.5 X 204.5 X 183.3
Periodontal Disease	Abscess- face, marked periodontal disease Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 240.0 X 240.0 X 183.7
Skull of 38 year old male	Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 240.0 X 240.0 X 183.7
Enlarged Parietal Foramen	Enlarged parietal foramen, TMJ, Edentulous Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Skull of 60 year old female	Calcified hematoma on right parietal Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Enlarged Parietal Foramen	Eagle syndrome, enlarged parietal foramen Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Gunshot Wound	Good teeth, eagle syndrome, gunshot wound right temporal Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Skull of 20 year old male	Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 176.2 X 202.5 X 240.4
Metal Fillings	Many metal fillings, caps on incisors Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 182.9

Pacchionian Pits	Pacchionian pits Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 182.4
Healed Nasal Fracture	Healed nasal fracture Scan Resolution (mm): 0.41 X 0.41 X 0.41 Scan size (mm): 209.0 X 209.0 X 177.6
Skull of 77 year old female	Scan Resolution (mm): 0.36 X 0.36 X 0.36 Scan size (mm): 185.3 X 185.3 X 168.7
Pituitary Dwarf Skull	Bony regrowth on parietal; Pituitary dwarf Scan Resolution (mm): 0.37 X 0.37 X 0.37 Scan size (mm): 191.9 X 191.9 X 182.9
Missing Mandible	No mandible, surgical holes in upper parietals Scan Resolution (mm): 0.35 X 0.35 X 0.35 Scan size (mm): 177.6 X 177.6 X 177.2
Fetal Skull	Fetal (5.5-6 mm) Scan Resolution (mm): 0.37 X 0.37 X 0.18 Scan size (mm): 187.5 X 187.5 X 180.7
Fetal Skull	Fetal (8 mm) Scan Resolution (mm): 0.37 X 0.37 X 0.37 Scan size (mm): 187.5 X 187.5 X 183.8
Neonatal Skull	Neonatal, metal wire around jaw, rough scan Scan Resolution (mm): 0.37 X 0.37 X 0.37 Scan size (mm): 187.5 X 187.5 X 183.8
Cleft Palate	Cleft palate Scan Resolution (mm): 0.47 X 0.47 X 0.47 Scan size (mm): 238.8 X 238.8 X 183.3
Missing Mandible	No mandible, trephination right parietal – no healing Scan Resolution (mm): 0.32 X 0.32 X 0.32 Scan size (mm): 164.4 X 164.4 X 158.3
Male Skulls	3029 Skull of 13 year old male 3019 Skull of 28 year old male 3034 Skull of 58 year old male
Female Skulls	3024 Skull of 32 year old female 3039 Skull of 60 year old female 3047 Skull of 77 year old female
Head Gunshot Wounds	0242 Bullet to Head 3041 Gunshot Wound 3024 Normal Skull

Head and Neck Cases

CaseTitle	Description
Full body	Cadaver spine, normal -Patient scanned several times before and after embalming Scan resolution (mm): 0.98 X 0.98 X 0.63 Scan size (mm): 521.5 X 378.9 X 1955.0
Cervical Cancer	The indication for this exam was to evaluate cervical cancer. Scan Resolution (mm): 1.37 X 1.37 X 3.27 Scan Size (mm): 700.0 X 700.0 X 977.7
Lymphoma	This exam was indicated to evaluate known lymphoma. Scan Resolution (mm): 1.37 X 1.37 X 3.27 Scan Size (mm): 700.0 X 700.0 X 1095.5
Paramediastinal Mass	The indication for the exam was to evaluate lung malignancy. Scan Resolution (mm): 1.37 X 1.37 X 3.27 Scan Size (mm): 700.0 X 700.0 X 1095.5

Inflammatory Breast CA	The indication for this exam was for staging new breast cancer. Scan Resolution (mm): 1.37 X 1.37 X 3.27 Scan Size (mm): 700.0 X 700.0 X 974.5
Ductal Adenocarcinoma	The indication for this exam was to re-evaluate known ductal adenocarcinoma. Scan Resolution (mm): 1.37 X 1.37 X 3.27 Scan Size (mm): 700.0 X 700.0 X 977.7
Right Breast Areola Mass	The indication for this exam was to follow up on known melanoma. Scan Resolution (mm): 1.37 X 1.37 X 3.27 Scan Size (mm): 700.0 X 700.0 X 1095.5
Full Body (72-year-old Male)	
Full Body (50-year-old Male)	
Full Body (76-year-old Male)	
Full Body (85-year-old Male)	Scan Resolution (mm): 0.83 X 0.83 X 0.70
Full Body (30-year-old Male)	
Neck Anamoly	Scan Resolution (mm): 0.69 X 0.69 X 1.00
Head and Neck (53-year-old Male)	
Head and R Arm	
Thorax and Upper Limbs (51-year-old Male)	Scan Resolution (mm): 0.95 X 0.95 X 0.70
Brain Perfusion	55-year-old female with symmetric brain perfusion -Hypoattenuation in right posteroinferior cerebellar artery -Irregularity of ACA Scan resolution (mm): 0.42 X 0.42 X 0.63 Scan size (mm): 215.0 X 215.0 X 350.6
Aneurysm Clips	Middle cerebral artery aneurysm clipping -No evidence of residual or recurrent middle cerebral artery aneurysm -No acute intracranial findings -Calcific atherosclerosis of the proximal internal carotid arteries Scan resolution (mm): 0.47 X 0.47 X 0.70 Scan size (mm): 240.0 X 240.0 X 348.6
Fx of C1 Vertebra	88-year-old male with Jefferson fracture and type 3 odontoid fracture -C1 right fracture of anterior and posterior ramus -Prevertebral soft tissue swelling Scan resolution (mm): 0.33 X 0.33 X 1.25 Scan size (mm): 170.0 X 170.0 X 201.3
Tracheostomy-Tracheal Stenosis	27-year-old male with tracheal stenosis and history of chondroplasia -Mid narrowing of trachea at level of thyroid gland -Upper airway reconstruction surgery Scan resolution (mm): 0.56 X 0.56 X 1.50 Scan size (mm): 289.0 X 289.0 X 301.5
Dilated Left Thyroid Vein	Dilated left thyroid vein - Left thyroid vein dilatation abnormally enhanced unilaterally with swelling on left side Scan resolution (mm): 0.44 X 0.44 X 1.00 Scan size (mm): 224.0 X 224.0 X 373.0
Complex Facial asymmetry	11-year-old male with large complex facial malformations -Recurrent venous/lymphatic malformation -Macro- and micro- cystic components and vascular enhancement -Extensive prior neck and floor of mouth surgery Scan resolution (mm): 0.47 X 0.47 X 0.50 Scan size (mm): 242.0 X 242.0 X 307.0

Venous Sinus Thrombosis	<p>17-year-old male with Bechet's disease and venous sinus thrombosis in brain</p> <ul style="list-style-type: none"> -Nonocclusive thrombus in right sigmoid sinus -Stable right frontal approach ventriculostomy catheter <p>Scan resolution (mm): 0.72 X 0.72 X 0.50 Scan size (mm): 367.0 X 367.0 X 365.0</p>
Basilar Aneurysm	<p>56-year-old male with a large saccular aneurism</p> <ul style="list-style-type: none"> -Large saccular aneurysm of basilar tip -Diffuse dolichoectasia -Atherosclerotic vascular calcification and vessel irregularity -Small vessel ischemic disease and small infarcts <p>Scan resolution (mm): 0.46 X 0.46 X 0.63 Scan size (mm): 238.0 X 238.0 X 170.6</p>
Hyperparathyroidism	<p>29-year-old female with history of end-stage renal disease on chronic dialysis</p> <ul style="list-style-type: none"> -Osteitis fibrosa cystica, sequela of hyperparathyroidism <p>Scan resolution (mm): 0.35 X 0.35 X 0.70 Scan size (mm): 181.0 X 181.0 X 173.6</p>
Unicoronal Stenosis	<p>19-day-old female with facial and head asymmetry</p> <ul style="list-style-type: none"> -Left-sided unicoronal sutural synostosis with orbital deformity <p>Scan resolution (mm): 0.31 X 0.31 X 0.50 Scan size (mm): 160.0 X 160.0 X 120.5</p>
Atherosclerotic Calcifications	<p>A 64-year-old-female with aneurysm</p> <ul style="list-style-type: none"> -ACA aneurysm -Aneurysm of neck -Atherosclerotic calcifications <p>Scan resolution (mm): 0.43 X 0.43 X 0.70 Scan size (mm): 218.0 X 218.0 X 334.6</p>
Moyamoya	<p>50-year-old female with moyamoya disease</p> <ul style="list-style-type: none"> -Right internal carotid artery smaller from level of right common carotid bifurcation -Complete occlusion of supraclinoid right internal carotid artery -Numerous moyamoya collateral vessels -Right MCA distribution perfusion defect <p>Scan resolution (mm): 0.49 X 0.49 X 0.63 Scan size (mm): 250.0 X 250.0 X 330.6</p>
Possible Carotid Aneurysm	<p>20-year-old male with possible aneurysm of the left carotid artery.</p> <ul style="list-style-type: none"> -No acute intracranial abnormality -No head and neck aneurysm, vascular malformation, or stenosis <p>Scan resolution (mm): 0.41 X 0.41 X 0.70 Scan size (mm): 210.0 X 210.0 X 361.2</p>
Bullet to Head	<p>31-year-old male with bullet in brain</p> <ul style="list-style-type: none"> -Right middle cranial fossa bullet fragment -Left inferior coronal suture entry point -Temporal lobe epilepsy <p>Scan resolution (mm): 0.46 X 0.46 X 0.63 Scan size (mm): 236.0 X 236.0 X 155.0</p>

Dominant RT Vertebral Artery	<p>47-year-old female with dominant left vertebral artery</p> <ul style="list-style-type: none"> -No evidence of stenosis, aneurysms, or wall thickening involving aorta and proximal cervical branches -Asymmetric appearance of humeral heads bilaterally <p>Scan resolution (mm): 0.43 X 0.43 X 0.63 Scan size (mm): 220.0 X 220.0 X 245.0</p>
Craniostenosis	<p>4-month-old male with primary or secondary craniostenosis</p> <ul style="list-style-type: none"> -Superior metopic suture open -Inferior metopic suture closed -Small anterior fontanelle and frontal lobes <p>Scan resolution (mm): 0.33 X 0.33 X 0.50 Scan size (mm): 167.0 X 167.0 X 176.0</p>
Vein of Galen	<p>Vein of galen malformation</p> <ul style="list-style-type: none"> -Vein of galen aneurysmal malformation -Diffuse enlargement of cranial arteries -Midline feeder artery extends into vein of galen malformation <p>Scan resolution (mm): 0.45 X 0.45 X 0.50 Scan size (mm): 228.0 X 228.0 X 253.5</p>
Intracranial Hemorrhage	<p>36-year-old female with intracranial hemorrhage</p> <ul style="list-style-type: none"> -Right intraparenchymal hemorrhage -Midline shift and herniation <p>Scan resolution (mm): 0.38 X 0.38 X 0.63 Scan size (mm): 197.0 X 197.0 X 322.5</p>
Intracranial Electrode	<p>41-year-old male with intracranial electrode</p> <ul style="list-style-type: none"> -Interval placement of subdural electrodes -Epilepsy <p>Scan resolution (mm): 0.49 X 0.49 X 0.63 Scan size (mm): 250.0 X 250.0 X 169.4</p>
Macrocephaly	<p>17-month-old ex-preemie male with history of macrocephaly, brachycephaly</p> <ul style="list-style-type: none"> -Mildly prominent bifrontal extracerebral space -No craniosynostosis <p>Scan resolution (mm): 0.39 X 0.39 X 0.50 Scan size (mm): 202.0 X 202.0 X 178.5</p>
Hemifacial microsomia	<p>Two-year-old male with history of hemifacialmicrosomia status post mandibular destruction.</p> <ul style="list-style-type: none"> -Postsurgical changes related to bilateral mandibular fixation -Stable maxillary and mandibular hypoplasia -Right external auditory canal atresia -Right middle ear hypoplasia/dysplasia <p>Scan resolution (mm): 0.45 X 0.45 X 0.50 Scan size (mm): 229.0 X 229.0 X 193.5</p>
Pierre Robin Syndrome	<p>38-week infant with Pierre-Robin Syndrome</p> <ul style="list-style-type: none"> -Micrognathia and cleft palate -Glossoptosis and respiratory distress -Cranial sutures open -Probable left parietal cephalohematoma -Left-sided periorbital soft tissue swelling <p>Scan resolution (mm): 0.28 X 0.28 X 0.50 Scan size (mm): 143.0 X 143.0 X 149.5</p>

Fractured Condyle	<p>18-year-old male with fractured condyle</p> <ul style="list-style-type: none"> -Displaced fracture of left mandibular condyle -Widening of left temporomandibular joint -Small punctate focal high density in SC soft tissues of left supraorbital area <p>Scan resolution (mm): 0.33 X 0.33 X 0.63 Scan size (mm): 170.0 X 170.0 X 159.4</p>
Squamous Cell Carcinoma	<p>67-year-old man with left mandibular squamous cell carcinoma</p> <ul style="list-style-type: none"> -Lesion in left mandible with adjacent masseteric thickening <p>Scan resolution (mm): 0.39 X 0.39 X 0.60 Scan size (mm): 198.0 X 198.0 X 196.2</p>
Multiple Face Fractures	<p>42-year-old male with multiple face fractures</p> <ul style="list-style-type: none"> -Extensive facial fractures -Laryngeal fracture -No acute intracranial fractures <p>Scan resolution (mm): 0.49 X 0.49 X 1.25 Scan size (mm): 250.0 X 250.0 X 180.0</p>
Chondromyxoid fibroma and Mandible Graft	<p>10-year-old male with giant cell tumor of mandible, chondromyxoid fibroma</p> <ul style="list-style-type: none"> -Expansile, heterogenous right mandibular mass with fluid levels <p>Scan resolution (mm): 0.46 X 0.46 X 0.50 Scan size (mm): 234.0 X 234.0 X 143.5</p>
Chondromyxoid fibroma and Mandible Graft	<p>10-year-old male with giant cell tumor of mandible, chondromyxoid fibroma</p> <ul style="list-style-type: none"> -Increase in size of expansile right mandibular mass with increase in soft tissue <p>Scan resolution (mm): 0.34 X 0.34 X 0.50 Scan size (mm): 176.0 X 176.0 X 143.5</p>
Chondromyxoid fibroma and Mandible Graft	<p>10-year-old male with giant cell tumor of mandible, chondromyxoid fibroma</p> <ul style="list-style-type: none"> -Interval resection of right mandibular expansile lytic lesion <p>Scan resolution (mm): 0.46 X 0.46 X 0.50 Scan size (mm): 237.0 X 237.0 X 157.0</p>
Chondromyxoid fibroma and Mandible Graft	<p>10-year-old male with giant cell tumor of mandible, chondromyxoid fibroma</p> <ul style="list-style-type: none"> -Right segmental mandibulectomy and reconstructive postsurgical changes <p>Scan resolution (mm): 0.48 X 0.48 X 0.50 Scan size (mm): 246.0 X 246.0 X 172.0</p>
Basilar Aneurysm	<p>Basilar Artery Aneurysm</p> <ul style="list-style-type: none"> -Fusiform basilar artery aneurysm -No acute intracranial findings -No mass effect or midline shift <p>Scan resolution (mm): 0.47 X 0.47 X 0.63 Scan size (mm): 240.0 X 240.0 X 195.0</p>

Head and Neck Vessels	<p>32-year-old male post motorcycle accident</p> <p>-Widening of facet joints at L4-5 and L5-S1 -L5 right transverse process and right sacrum avulsion fracture -No acute intracranial pathology or vascular injury -Broad-based disc bulge at L4-5 with narrowing of spinal canal</p> <p>Scan resolution (mm): 0.40 X 0.40 X 0.63 Scan size (mm): 203.0 X 203.0 X 383.1</p>
Cerebral Angio	<p>(1944-01-08) Angio, good superficial and cranial vessel definition</p> <p>Scan Resolution (mm): 0.49 X 0.49 X 0.45 Scan size (mm): 250.0 X 250.0 X 215.5</p>
Skull with Hemorrhage	<p>No angio, low bone density in zygomatic bone and maxilla, premolars and molars nonexistent</p> <p>Scan Resolution (mm): 0.49 X 0.49 X 0.45 Scan size (mm): 250.0 X 250.0 X 247.9</p>
Large Falx Calcification	<p>Low resolution along axial, unusual volume in parietal bone</p> <p>Scan Resolution (mm): 0.49 X 0.49 X 1.50 Scan size (mm): 250.0 X 250.0 X 184.5</p>
Normal Cervical Spine	<p>No angio, good definition of bones, some calcification of thyroid cartilage</p> <p>Scan Resolution (mm): 0.34 X 0.34 X 0.75 Scan size (mm): 172.0 X 172.0 X 180.8</p>
Moderate Atrophy	<p>No angio, first rib positioned at angle, some thyroid cartilage calcification</p> <p>Scan Resolution (mm): 0.32 X 0.32 X 0.75 Scan size (mm): 166.0 X 166.0 X 213.8</p>
Mild Hydrocephalus Ex Vacuo	<p>Angio, cerebral vessels, malocclusion</p> <p>Scan Resolution (mm): 0.49 X 0.49 X 0.45 Scan size (mm): 250.0 X 250.0 X 213.3</p>
Mild Hydrocephalus Ex Vacuo	<p>Angio, good definition of cerebral vessels</p> <p>Scan Resolution (mm): 0.49 X 0.49 X 0.45 Scan size (mm): 250.0 X 250.0 X 243.4</p>
Normal CT Angio	<p>Good angio, artificial instrument on right neck</p> <p>Scan Resolution (mm): 0.55 X 0.55 X 0.45 Scan size (mm): 283.0 X 283.0 X 291.6</p>
Neck Muscles and Veins	<p>No angio, very good definition of muscles and veins, thyroid visible</p> <p>Scan Resolution (mm): 0.24 X 0.24 X 0.75 Scan size (mm): 125.0 X 125.0 X 202.5</p>
Transverse Fracture	<p>No angio, good definition of neck muscles and veins, displacement of sternum to the right, clavicle and the rest of bones have differing bone density</p> <p>Scan Resolution (mm): 0.39 X 0.39 X 0.75 Scan size (mm): 200.0 X 200.0 X 307.5</p>
Ear Inflammation	<p>No angio, clear view of zygomatic arch and wide zygomatic process</p> <p>Scan Resolution (mm): 0.38 X 0.38 X 0.50 Scan size (mm): 294.0 X 294.0 X 88.4</p>
Cranial Surface Vessels	<p>No angio, good surface vessels of the head, ramus and mandible pushed upward, condyle covered</p> <p>Scan Resolution (mm): 0.49 X 0.49 X 1.50 Scan size (mm): 250.0 X 250.0 X 160.5</p>

Normal Cervical Spine	No angio, good muscle definition, some calcification of thyroid cartilage Scan Resolution (mm): 0.28 X 0.28 X 0.75 Scan size (mm): 143.0 X 143.0 X 188.3
Anterior Metal Plate	No angio, good definition of muscles and veins, cervical spine plate Scan Resolution (mm): 0.33 X 0.33 X 0.75 Scan size (mm): 171.0 X 171.0 X 197.3
Multiple Hypervascular Masses	(1980-01-16) Good angio of the brain and neck, visible thyroids Scan Resolution (mm): 0.49 X 0.49 X 0.45 Scan size (mm): 250.0 X 250.0 X 307.8
Deviated Nasal Septum	Lock of hair, no angio Scan Resolution (mm): 0.42 X 0.42 X 0.50 Scan size (mm): 217.0 X 217.0 X 213.5
Normal Skull with Hair	Low bone density of temporal bone on both sides, no angio, has head of hair Scan Resolution (mm): 0.58 X 0.58 X 0.40 Scan size (mm): 296.0 X 296.0 X 234.4
Open Skull Surgery	Staples across skull, opening in skull (open skull surgery), no angio Scan Resolution (mm): 0.49 X 0.49 X 1.50 Scan size (mm): 250.0 X 250.0 X 156.0
Intubation	Intubation (throat and nasotracheal), no angio Scan Resolution (mm): 0.31 X 0.31 X 0.75 Scan size (mm): 159.0 X 159.0 X 177.8
Cervical Lordosis	No angio, good definition of surface vessels and lymph, cervical lordosis Scan Resolution (mm): 0.34 X 0.34 X 0.75 Scan size (mm): 172.0 X 172.0 X 196.5
Edentulous Skull	No angio, no teeth Scan Resolution (mm): 0.39 X 0.39 X 0.50 Scan size (mm): 200.0 X 200.0 X 152.5
Non-Hodgkins Lymphoma	The indication for this exam was to evaluate a left neck mass. Scan Resolution (mm): 0.45 X 0.45 X 0.63 Scan Size (mm): 230.0 X 230.0 X 271.9
Supraclavicular Lymphadenopathy	The indication for this exam was to evaluate supraclavicular adenopathy. Scan Resolution (mm): 0.31 X 0.31 X 0.63 Scan Size (mm): 160.0 X 160.0 X 201.9
Agenesis of Corpus Callosum	The indication for this exam was to evaluate a congenital anomaly. Scan Resolution (mm): 1.00 X 0.39 X 0.39 Scan Size (mm): 120.6 X 200.0 X 199.5
Alobar Holoprosencephaly	The indication for this exam was to evaluate a congenital anomaly. Scan Resolution (mm): 0.42 X 0.42 X 5.00
Glioblastoma	The indication for this exam was to evaluate for headaches. Scan Resolution (mm): 0.98 X 1.00 X 0.98 Scan Size (mm): 250.0 X 182.8 X 247.3
Subdural Hematoma	The indication for this exam was to evaluate for head trauma. Scan Resolution (mm): 0.49 X 0.49 X 1.25 Scan Size: 250.0 X 250.0 X 140.0
Left Sided Neck Mass	The indication for this exam was to evaluate a neck mass. Scan Resolution (mm): 0.31 X 0.31 X 0.63 Scan Size (mm): 160.0 X 160.0 X 238.1
Right Parapharyngeal Mass	The indication for this exam was to evaluate an epithelial neoplasm, suspicious for malignancy. Scan Resolution (mm): 0.68 X 0.68 X 2.00 Scan Size (mm): 240.0 239.6 199.9

Oral Cavity Cancer	The indication for this exam was to evaluate a left retromolar trigon mass. Scan Resolution (mm): 0.31 X 0.31 X 0.63 Scan Size (mm): 160.0 X 160.0 X 284.4
Head Trauma (GSW)	The indication for this exam was to evaluate a gunshot wound to the face. Scan Resolution (mm): 0.35 X 0.35 X 0.30 Scan Size (mm): 180.0 X 180.0 X 164.1
Superior Frontal Meningioma	The indication for this exam was to evaluate the extent of a mass prior to surgery. Scan Resolution (mm): 0.39 X 0.39 X 0.63 Scan Size (mm): 200.0 X 200.0 X 173.8
Tuberous Sclerosis	The indication for this exam was to evaluate known tuberous sclerosis following an abnormal CT scan. Scan Resolution (mm): 0.43 X 0.54 X 5.89 Size Size (mm): 220.0 X 218.3 X 141.4
Vein of Galen Malformation	This exam was performed post-birth to evaluate a known vein of Galen malformation which was diagnosed prenatally. Scan Resolution (mm): 0.33 0.31 0.9 Scan Size (mm): 161.3 160.0 137.0
Carotid Aneurysm	This exam was performed in order as a follow up for a carotid aneurysm. Scan Resolution (mm): 0.39 X 0.39 X 0.40 Scan Size (mm): 200.0 X 200.0 X 395.2
Schwannoma	The indication for this exam was to evaluate for right accessory nerve neuropathy and to check for jugular foramen mass following an MRI scan. Scan Resolution (mm): 0.45 X 0.45 X 1.25 Scan Size (mm): 230.0 X 230.0 X 285.0
Head Scan (79-year-old male)	
Orbital Rim Fracture	Scan Resolution (mm): 0.56 X 0.56 X 1.00 Scan Size (mm): 288.0 X 288.0 X 238.0
Broken Mandible	Scan Resolution (mm): 0.53 X 0.53 X 1.00 Scan Size (mm): 273.0 X 273.0 X 293.0
Facial Anomaly	Scan Resolution (mm): 0.55 X 0.55 X 1.00 Scan Size (mm): 280.0 X 280.0 X 272.0
Brain Mass (60-year-old Female)	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 191.0
Head and Neck Brain Mass (60-year-old Female)	Scan Resolution (mm): 0.46 X 0.46 X 0.40 Scan Size (mm): 238.0 X 238.0 X 281.2
Brain Operation I	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 248.0 X 248.0 X 194.0
Brain Operation II	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Scan (mm): 247.0 X 247.0 X 208.0
Brain Operation III	Scan Resolution (mm): 0.51 X 0.51 X 1.00 Scan Size (mm): 259.0 X 259.0 X 208.0
Skull Reconstruction	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 242.0
Zygomatic Injury	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 245.0
Head Scan (37-year-old female)	
Neck (59-year-old Male)	Scan Resolution (mm): 0.52 X 0.52 X 1.00 Scan Size (mm): 266.0 X 266.0 X 343.0
Head and Neck (73-year-old female)	
Brain Mass Post-Op	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 205.0
Head Scan (75-year-old female)	
Brain Mass II	Scan Resolution (mm): 0.42 X 0.42 X 1.00 Scan Size (mm): 214.0 X 214.0 X 207.0
Forehead Anamoly	Scan Resolution (mm): 0.52 X 0.52 X 1.00 Scan Size (mm): 264.0 X 264.0 X 252.0
Facial Reconstruction	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 231.0
Throat Tube	Scan Resolution (mm): 0.51 X 0.51 X 1.00 Scan Size (mm): 263.0 X 263.0 X 348.0
Facial Swelling	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 244.0

Head Scan (3-year-old Male)	
Neck (70-year-old Male)	Scan Resolution (mm): 0.61 X 0.61 X 1.00
Head Scan (48-year-old Male)	
Head and Neck (4-year-old Male)	Scan Resolution (mm): 0.59 X 0.59 X 1.00 Scan Size (mm): 300.0 X 300.0 X 176.0
Head and Neck (62-year-old Male)	Scan Resolution (mm): 0.62 X 0.62 X 0.70 Scan Size (mm): 316.0 X 316.0 X 293.3
Head Scan (46-year-old Male)	
Head and Neck II (62-year-old Male)	Scan Resolution (mm): 0.52 X 0.52 X 1.00 Scan Size (mm): 264.0 X 264.0 X 267.0
Head Scan (64-year-old Male)	
Head (69-year-old Male)	Scan Resolution (mm): 0.52 X 0.52 X 1.00 Scan Size (mm): 266.0 X 266.0 X 215.0
Head and Neck (39-year-old Female)	
Head Sutures	Scan Resolution (mm): 0.52 X 0.52 X 1.00 Scan Size (mm): 265.0 X 265.0 X 238.0
Skull Opening	Scan Resolution (mm): 0.50 X 0.50 X 1.00
Head and Neck (5-month-old Male)	Scan Resolution (mm): 0.36 X 0.36 X 1.00 Scan Size (mm): 184.0 X 184.0 X 228.0
Head Scan (60-year-old Female)	
Head Scan (10-year-old Female)	
Head Scan (45-year-old Male)	
Brain Operation (63-year-old male)	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 192.0
Throat Device	Scan Resolution (mm): .057 X 0.57 X 1.00 Scan Size (mm): 293.0 C 293.0 C 317.0
Abnormal Head Size	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 168.0
Head and Neck (36-year-old Female)	Scan Resolution (mm): 0.43 X 0.43 X 1.00 Scan Size (mm): 222.0 X 222.0 X 196.0
Facial Swelling (56-year-old Male)	Scan Resolution (mm): 0.52 X 0.52 X 1.00
Facial Swelling (80-year-old Male)	Scan Resolution (mm): 0.55 X 0.55 X 1.00
Head and Neck (80-year-old Male)	Scan Resolution (mm): 0.44 X 0.44 X 1.00
Brain Mass (67-year-old Male)	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 192.0
External Swelling (72-year-old Male)	Scan Resolution (mm): 0.48 X 0.48 X 1.00
Brain Operation (50-year-old Male)	Scan Resolution (mm): 0.46 X 0.46 X 1.00
Neck Scan	
Thorax	
Skull Operation (47-year-old Male)	Scan Resolution (mm): 0.44 X 0.44 X 1.00
Brain Mass and Swelling (61-year-old Male)	Scan Resolution (mm): 0.51 X 0.51 X 1.00 Scan Size (mm): 260.0 X 260.0 X 242.0
Facial Swelling (62-year-old Male)	Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan Size (mm): 247.0 X 247.0 X 251.0
Head Scan	
Abnormal Head Shape	Scan Resolution (mm): 0.45 X 0.45 X 1.25 Scan Size (mm): 229.0 X 229.0 X 140.0
Head and Neck (Female)	Scan Resolution (mm): 0.45 X 0.45 X 1.25 Scan Size (mm): 232.0 X 232.0 X 237.5
Head MRI	Scan Resolution (mm): 1.00 X 0.98 X 0.98 Scan Size (mm): 176.0 X 250.0 X 250.0
Rat Eye	Scan Resolution (mm): 0.01 X 0.01 X 0.01 Scan Size (mm): 8.4 X 8.3 X 6.3
Teeth 1	Scan Resolution (mm): 0.02 X 0.02 X 0.02 Scan Size (mm): 14.3 X 12.5 X 21.1
Teeth 2	Scan Resolution (mm): 0.02 X 0.02 X 0.02 Scan Size (mm): 13.9 X 11.8 X 17.7
Teeth 3	Scan Resolution (mm): 0.02 X 0.02 X 0.02 Scan Size (mm): 14.3 X 9.1 X 21.9
Basilar Aneurysm	0183 Saccular Basilar Aneurysm with Dolichoectasia of Intracranial Vessels 0368 Fusiform Basilar Aneurysm 0369 Normal Intracranial Vessels
Common Carotid Aneurysm	0139 Dilated Common Carotid Arteries 0197 Moya Moya Complete Occlusion of Internal Carotid Artery 0369 Normal Head and Neck Arteries

Common Facial Birth Defect	0300 24 m.o. Hemifacial Microsomia 0303a 9 m.o. Cleft Palate, Pierre Robin Syndrome 0299 17 m.o. No Facial Defect Macrocephalic
Craniostenosis	0255 4 m.o. Craniostenosis 0192 19 d.o. Unicoronal Stenosis 0299 17 m.o. No Craniostenosis Macrocephalic
Face Fracture	0325 Face Multiple Comminuted Fractures 0305 Condyle Displaced Fracture 0369 Normal Face Structure
Vertebra Abnormality	0118 Jefferson C1 and Type 3 Odontoid Fracture with C4-C7 Osteophytes 0051 Degenerative Changes at C4-5 with Posterior Osteophyte 0000 Normal Vertebra
Brain Data Comparison	RGB, MRI, and CT comparison

Thorax Cases

CaseTitle	Description
Bilateral Aneurysms	<p>Bilateral aneurysms</p> <ul style="list-style-type: none"> -Bilateral aneurysms of the popliteal arteries -Wall thickening and focal irregularity of abdominal aorta -Small pericardial effusion <p>Scan resolution (mm): 0.67 X 0.67 X 0.70 Scan size (mm): 342.0 X 342.0 X 716.1</p>
Abdominal Ectopic Pregnancy	<p>A case of large abdominal pregnancy</p> <ul style="list-style-type: none"> -Fetus in right abdomen -Hyperemic and enlarged uterus -Arterial supply of uterus and placenta delineation <p>Scan resolution (mm): 0.66 X 0.66 X 0.63 Scan size (mm): 337.0 X 337.0 X 391.9</p>
Conjoined Twins	<p>Two-year-old girl, one of two thoraco-amphiphophus conjoined twins, soft tissue avascular anatomy</p> <ul style="list-style-type: none"> -Chest: joined diaphragm, separate cardiac chambers, joined sternum, remaining skeletal system separate -Abdomen: inferior half of lt lower lobe of twin 1 drained by middle hepatic vein of twin 2, connecting it to portal vein, separate GI tract, herniation of bowel from twin 2 drain into peritoneal cavity of twin 1 <p>Scan resolution (mm): 0.71 X 0.71 X 0.40 Scan size (mm): 375.3 X 290.9 X 401.6</p>
Ureteral Stent	<p>47-year-old female with ureter stent in right kidney from renal pelvis to bladder</p> <ul style="list-style-type: none"> -Ureteral thickening around stent -No evidence of hydronephrosis or renal stones -Scan contains Segmented Volume Objects added by Anatomage team. <p>Scan resolution (mm): 0.68 X 0.68 X 1.25 Scan size (mm): 350.0 X 309.7 X 606.3</p>
Normal CT Scan	<p>No angio, 3 bolts near sternum and clavicle, slight scoliosis</p> <p>Scan Resolution (mm): 0.40 X 0.40 X 0.45 Scan size (mm): 203.0 X 203.0 X 285.8</p>
Lumbar Lordosis	<p>Lumbar lordosis, scoliosis, no angio</p> <p>Scan Resolution (mm): 0.37 X 0.37 X 1.00 Scan size (mm): 191.0 X 191.0 X 697.2</p>

Tracheostomy	Tracheostomy, ostomy pouch, no angio, sutures visible, sternum foramen Scan Resolution (mm): 0.98 X 0.98 X 1.00 Scan size (mm): 500.0 X 500.0 X 620.0
Obesity	No angio, protruding costal cartilage, stenosis aorta, obesity Scan Resolution (mm): 0.77 X 0.77 X 1.50 Scan size (mm): 395.0 X 395.0 X 636.0
Enlarged Common Bile Duct	No angio, scoliosis, common illiac vessels misshaped, lumbar lordosis, kidneys have uneven surface Scan Resolution (mm): 0.74 X 0.74 X 1.50 Scan size (mm): 380.0 X 380.0 X 423.0
Normal Abdomen CT Scan	No angio, intestine abnormality Scan Resolution (mm): 0.73 X 0.73 X 5.00 Scan size (mm): 372.0 X 372.0 X 463.5
Enlarged Uterus	Lumbar lordosis, scoliosis Scan Resolution (mm): 0.62 X 0.62 X 1.50 Scan size (mm): 319.0 X 319.0 X 630.0
Mild Dilatation of Common bile Duct	Very good angio and definition of internal organs, abnormal positioning of common illiac vessels, kidneys have uneven surface Scan Resolution (mm): 0.98 X 0.98 X 0.40 Scan size (mm): 380.0 X 380.0 X 610.5
Breast Implants	Breast implants, body art, no angio, left floating rib (rib #12) broken Scan Resolution (mm): 0.63 X 0.63 X 1.00 Scan size (mm): 320.0 X 320.0 X 312.0
Normal Ureter	Good definition of ureter and internal organs, abnormal positioning of common illiac vessels, kidneys Scan Resolution (mm): 0.68 X 0.68 X 1.50 Scan size (mm): 350.0 X 350.0 X 469.5
Lymphoma (Liver) Follow-Up	The indication for this exam was to evaluate for RUQ pain post biopsy. Findings showed there to be a hepatic mass with hemorrhage and gas. Scan Resolution (mm): 0.90 X 0.90 X 2.50 Scan Size (mm): 459.0 X 459.0 X 522.5
Liver Laceration	The indication for this exam was to evaluate abdominal pain due to trauma. The findings showed multiple lacerations of the liver, a perihepatic hematoma, rib fractures, and a filling defect in the IVC. Scan Resolution (mm): 0.70 X 0.70 X 2.50 Scan Size (mm): 360.0 X 360.0 X 602.5
Hepatoblastoma	Liver transplant evaluation. Scan Resolution (mm): 0.62 X 0.62 X 3.00 Scan Size (mm): 317.0 X 317.0 X 312.0
Polycystic Liver Disease and RLQ Renal Transplant	The indication for this exam was to evaluate for hematoma status post bilateral native nephrectomy. Scan Resolution (mm): 0.80 X 0.80 X 5.00 Scan Size (mm): 410.0 X 410.0 X 515.0
Gallbladder Carcinoma	The indication for this exam was to evaluate diffuse abdominal pain, vomiting, and diarrhea. Findings were consistent for carcinoma of the gallbladder. Scan Resolution (mm): 0.82 X 0.82 X 2.50 Scan Size (mm): 420.0 X 420.0 X 432.5
Gallbladder Perforation	Exam indication was right lower abdominal pain with history of cholangiocarcinoma and ongoing chemoradiation. Scan Resolution (mm): 0.70 X 0.70 X 2.00 Scan Size (mm): 360.0 X 360.0 X 446.0

Hydropic Gallbladder	The indication for this exam was to evaluate for abdominal pain and altered mental status; patient had previous history of cirrhosis. Findings showed the patient to have a hydropic gallbladder, cirrhosis of the liver, bilateral pleural effusions, and diffuse mild colonic wall thickening. Scan Resolution (mm): 0.85 X 0.85 X 2.50 Scan Size (mm): 436.0 X 436.0 X 442.5
Page Kidney	The indication for this exam was for follow-up to re-evaluate a kidney hematoma for reaccumulation of fluid post drain/nephrostomy tube placement. Scan Resolution (mm): 0.70 X 0.70 X 5.00 Scan Size (mm): 360.0 X 360.0 X 470.0
Renal Cell Carcinoma	The indication for this exam was to evaluation a known right renal cell carcinoma. Scan Resolution (mm): 0.63 X 0.63 X 5.00 Scan Size (mm): 320.0 X 320.0 X 400.0
Pancreatic Cancer	The indication for this exam was to follow-up on pancreatic cancer and pulmonary nodules. Scan Resolution (mm): 0.76 X 0.76 X 1.25 Scan Size (mm): 352.5 X 329.0 X 336.3
Pancreatic Pseudocyst	The indication for this exam was to evaluate abdominal/pelvic pain. A cystic lesion measuring 7.0 x 8.1 x 7.1 cm was found on the tail of the pancreas. Scan Resolution (mm): 0.77 X 0.77 X 3.00
Pancreatitis	The indication for this exam was to evaluate for abdominal pain and pancreatitis. Chronic pancreatitis and pancreatic head pseudocysts were found on imaging. Scan Resolution (mm): 0.62 X 0.62 X 2.50 Scan Size (mm): 319.0 X 319.0 X 457.5
Chronic Pancreatitis	The indication for this exam was nausea and vomiting; history of pancreatitis. Scan Resolution (mm): 0.75 X 0.75 X 2.50 Scan Size (mm): 383.0 X 383.0 X 447.5
Necrotizing Pancreatitis 2 CT	The indication for this exam was to evaluate pancreatitis; MR comparison to CT. Scan Resolution (mm): 0.82 X 0.82 X 2.50 Scan Size (mm): 420.0 X 420.0 X 472.5
Endometrioma 1	The indication for this exam was to check for splenomegaly and pelvic mass. Scan Resolution (mm): 0.88 X 0.88 X 2.50
Endometrioma 2	The indication for this exam was to evaluate a pelvic mass. Scan Resolution (mm): 0.90 X 0.90 X 2.50 Scan Size (mm): 460.0 X 460.0 X 480.0
Ovarian Cyst	The indication for this exam was to evaluate a pelvic mass. Scan Resolution (mm): 1.05 X 1.05 X 2.50 Scan Size (mm): 540.2 X 540.2 X 272.5
Fournier's Gangrene	The indication for this exam was to check for renal stones in reference to flank pain. Scan Resolution (mm): 1.07 X 1.07 X 2.50 Scan Size (mm): 550.0 X 550.0 X 552.5
Penile Implant	The indication for this exam was history of appendiceal neoplasm. Scan Resolution (mm): 0.84 X 0.84 X 2.50 Scan Size (mm): 428.0 X 428.0 X 580.0
Seminoma (Early)	The indication for this exam was to evaluate a testicular mass. Scan Resolution (mm): 0.82 X 0.82 X 2.00 Scan Size (mm): 418.0 X 418.0 X 586.0
Bowel Obstruction	The indication for this exam was follow up post-aneurysmal stent placement. Scan Resolution (mm): 0.78 X 0.78 X 5.00 Scan Size (mm): 400.0 X 400.0 X 640.0.
Crohn's Disease	The indication for this exam was to evaluate abdominal pain, Crohn's disease, mesenteric ischemia, and abscesses. Scan Resolution (mm): 0.70 X 0.70 X 2.50 Scan Size (mm): 360.0 X 360.0 X 462.5
Restaging Rectal Cancer	The indication for this exam was restaging of rectal cancer. Scan Resolution (mm): 0.70 X 0.70 X 5.00 Scan Size (mm): 360.0 X 360.0 X 550.0

Parathyroid Adenoma	Exam indication was assess for occult malignancy and/or infection. Scan Resolution (mm): 0.82 X 0.82 X 2.50 Scan Size (mm): 420.0 X 420.0 X 722.5
Rhabdomyosarcoma	The indication for this exam was restaging of known rhabdomyosarcoma. Scan Resolution (mm): 0.70 X 0.70 X 2.50 Scan Size (mm): 360.0 X 360.0 X 612.5
Breast Cancer (Lymphoma)	The indication for this exam was to evaluate lymphoma. Scan Resolution (mm): 0.98 X 0.98 X 2.50 Scan Size (mm): 500.0 X 500.0 X 642.5
Gynecomastia	The indication for this exam was surveillance of melanoma, and to evaluate nodules. Scan Resolution (mm): 0.96 X 0.96 X 3.00 Scan Size (mm): 494.0 X 494.0 X 525.0
Chondrosarcoma	The indication for this exam was to evaluate a known Chondrosarcoma. Scan Resolution (mm): 0.74 X 0.74 X 5.00 Scan Size (mm): 380.0 X 380.0 X 475.0
Post Transplant Lymphoproliferative Disorder	The indication for this exam was to rule out malignancy post transplant. Scan Resolution (mm): 0.54 X 0.54 X 2.50 Scan Size (mm): 279.0 X 279.0 X 452.5
Pancreatic Body Mass	The indication for the exam was to evaluate pancreatic cancer. Scan Resolution (mm): 0.78 X 0.78 X 2.50 Scan Size (mm): 400.0 X 400.0 X 702.5
Rectal Mass & Right Inguinal Hernia	The indication for this exam was to evaluate rectal adnecarcinoma. Scan Resolution (mm): 0.78 X 0.78 X 2.50
Lung Tumor with Extensive Mets	The indication for the exam was for restaging lung carcinoma and possible thrombus of the IVC filter. Scan Resolution (mm): 0.66 X 0.66 X 1.25 Scan Size (mm): 340.0 X 340.0 X 451.3
Germ Cell Carcinoma	The indication for this exam was for further evaluation of a mediastinal mass. Scan Resolution (mm): 0.67 X 0.67 X 5.00 Scan Size (mm): 341.0 X 341.0 X 605.0
Aneurysm (Marfan's Syndrome)	The indication for this exam was to evaluate for possible aneurysm. Scan Resolution (mm): 0.63 X 0.63 X 2.50 Scan Size (mm): 320.0 X 320.0 X 362.5
Angiomyolipoma	The indication for this exam was for evaluation of previously diagnosed lymphoma. Scan Resolution (mm): 0.59 X 0.59 X 2.50 Scan Size (mm): 300.0 X 300.0 X 582.5
Abdomen (52-year-old male)	Scan Resolution (mm): 0.75 X 0.75 X 1.00 Scan Size (mm): 384.0 X 384.0 X 573.0
Full Torso (48-year-old male)	Scan Resolution (mm): 0.71 X 0.71 X 1.00 Scan Size (mm): 362.0 X 362.0 X 765.0
Thorax and Pelvis (50-year-old female)	
Torso (48-year-old male)	Scan Resolution (mm): 0.93 X 0.93 X 1.00 Scan Scan (mm): 474.0 X 474.0 X 598.0
Torso (18-year-old female)	
Thorax and Abdomen (75-year-old female)	
Thorax and Abdomen (50-year-old Male)	
Abdomen (54-year-old Male)	
Thorax and Abdomen (30-year-old Male)	
Abdomen and Pelvis (38-year-old Male)	
Thorax and Abdomen (52-year-old Female)	
Abdomen and Pelvis (63-year-old Female)	
Thorax and Pelvis (60-year-old Female)	
Abdomen and Pelvis (61-year-old Male)	

Thorax and Pelvis (30-year-old Female)	
Abdomen (34-year-old Female)	
Abdomen (22-year-old Female)	
Abdomen (29-year-old Male)	
Abdominal Mass (40-year-old Female)	Scan Resolution (mm): 0.63 X 0.63 X 1.00
Abdomen (55-year-old Male)	
Abdomen (67-year-old Female)	
Abdomen (71-year-old Male)	Scan Resolution (mm): 0.70 X 0.70 X 1.00 Scan Size (mm): 360.0 X 360.0 X 562.0
Abdomen (60-year-old Female)	
Thorax and Abdomen (52-year-old Male)	
Abdomen (87-year-old Male)	
Abdomen (56-year-old Female)	
Abdomen (38-year-old Female)	
Abdomen (67-year-old Male)	
Thorax (62-year-old Female)	
Hip Surgery (SP Trauma)	
Abdomen (56-year-old Female)	Scan Resolution (mm): 0.77 X 0.77 X 1.00 Scan Size (mm): 395.0 X 395.0 X 560.0
Torso (5-year-old Female)	Scan Resolution (mm): 0.59 X 0.59 X 1.00
Abdomen and Pelvis	
Thorax and Abdomen	
Thorax and Abdomen	
Abdomen (42-year-old Female)	Scan Resolution (mm): 0.88 X 0.88 X 1.00
Thorax and Abdomen	
Abdomen (69-year-old Male)	Scan Resolution (mm): 0.77 X 0.77 X 1.00
Thorax and Abdomen	
Full Torso (57-year-old Male)	Scan Resolution (mm): 0.74 X 0.74 X 1.00
Abdomen	
Thorax and Abdomen	
Abdomen (Female)	Scan Resolution (mm): 0.76 X 0.76 X 2.50 Scan Size (mm): 389.0 X 389.0 X 435.0
Abdomen (Female)	Scan Resolution (mm): 0.77 X 0.77 X 2.50 Scan Size (mm): 393.0 X 393.0 X 435.0
Torso (Female)	Scan Resolution (mm): 0.66 X 0.66 X 1.25 Scan Size (mm): 336.0 X 336.0 X 411.3
Stab Wounds	21-year-old male status post multiple stab wounds to chest -2 small superficial left lateral chest wall and left posterior back skin defect -No vascular injury, ptx, contusion, pleural effusion -Clear lungs and normal heart -Calcified lymph nodes -SQ gas within left posterior chest and left lateral chest wall Scan resolution (mm): 0.70 X 0.70 X 0.63 Scan size (mm): 360.0 X 360.0 X 260.6
Bronchial Stent	35-year-old female with bronchial stent, bronchial stenosis, and parenchymal opacity -Subglottic and left main stem bronchus narrowing status post stent placement -Small parenchymal opacity in inferior segment of lingula -Right upper lobe bronchus with question of polypoid wall thickening -Bronchial thickening throughout bilateral bronchi Scan resolution (mm): 0.70 X 0.70 X 1.25 Scan size (mm): 360.0 X 360.0 X 356.3

Trachial Stent	<p>85-year-old woman with tracheal stent and bronchiectasis</p> <ul style="list-style-type: none"> -Tracheal stent with mild intimal hyperplasia -Bronchiectasis of left lower lobe -Small pulmonary nodules -Ascending aortic aneurysm <p>Scan resolution (mm): 0.71 X 0.71 X 1.25 Scan size (mm): 365.0 X 365.0 X 386.3</p>
Heart Valve Replacement	<p>54-year-old female status post aortic valve replacement</p> <ul style="list-style-type: none"> -Persistent ductus arteriosus -Normal heart size with increased pericardial fluid attenuation -No aortic dissection nor filling defects -No pulmonary embolism <p>Scan resolution (mm): 0.70 X 0.70 X 0.80 Scan size (mm): 360.0 X 360.0 X 550.4</p>
Aortic Aneurysm	<p>75-year-old female with ascending aortic aneurysm</p> <ul style="list-style-type: none"> -Stable ascending thoracic aortic aneurysm -Percutaneous coronary intervention -Arteriosclerotic calcification <p>Scan resolution (mm): 0.71 X 0.71 X 0.70 Scan size (mm): 362.0 X 362.0 X 215.6</p>
Tetralogy of Fallot	<p>3-year-old female with tetralogy of fallot</p> <ul style="list-style-type: none"> -Atrial enlargement and ventricular hypertrophy -Pulmonary atresia and arterial arborization -Right lung loculated effusion and loculated pneumothorax -Middle lobe ground-glass opacity -Status post bilateral unifocalization revision with Blalock-Tassuig shunt <p>Scan resolution (mm): 0.44 X 0.44 X 0.50 Scan size (mm): 224.0 X 224.0 X 347.5</p>
Takayasu Arteritis	<p>Takayasu's arteritis, stenosis of the right common carotid artery</p> <ul style="list-style-type: none"> -Circumferential soft tissue thickening surrounding cervical branch vessels of right subclavian, left common carotid, and left subclavian arteries <p>Scan resolution (mm): 0.71 X 0.71 X 0.70 Scan size (mm): 364.0 X 364.0 X 604.1</p>
Hypertrophic Cardiomyopathy	<p>57-year-old female with congenital hypertrophic cardiomyopathy</p> <ul style="list-style-type: none"> -Ascending aortic arch repair with Dacron graft and PDA ligation -Subaortic membrane resection -Degenerative changes of spine -St. Jude prosthetic mechanical aortic valve <p>Scan resolution (mm): 0.59 X 0.59 X 0.63 Scan size (mm): 300.0 X 300.0 X 563.1</p>
Cystic Fibrosis Inspiration	<p>Cystic fibrosis, peribronchial thickening, air trapping</p> <ul style="list-style-type: none"> -Diffuse bilateral peribronchial thickening most prominent in right upper lower lobes -Diffuse cystic or cylindrical bronchiectasis with predominance in right upper and middle lobes -Anatomage recommends range +500 to +2000 <p>Scan resolution (mm): 0.58 X 0.58 X 0.60 Scan size (mm): 297.0 X 297.0 X 234.6</p>

Cystic Fibrosis Expiration	<p>Cystic Fibrosis, bronchiectasis, bronchial wall thickening, mucoid impaction, air trapping</p> <ul style="list-style-type: none"> -Interval moderate increase in bronchial wall thickening and mucoid impaction in right upper lobe lung -Right upper lobe and left upper lobe bronchiectasis -Normal heart size <p>Scan resolution (mm): 0.58 X 0.58 X 0.60 Scan size (mm): 297.0 X 297.0 X 275.4</p>
Two Gunshot Tracks	<p>Two gunshot tracks</p> <ul style="list-style-type: none"> -Complex fractures of T5 and T6 vertebra -Right pneumothorax -Fractures of right and left humeri, left clavicle, sternum, and right 3rd,4th, and 5th ribs <p>Scan resolution (mm): 0.70 X 0.70 X 1.25 Scan size (mm): 360.0 X 360.0 X 651.3</p>
Coronary Angiogram	<p>Severe pulmonary hypertension</p> <ul style="list-style-type: none"> -Enlargement of main pulmonary arteries -Right dominant coronary circulation without stenosis -Increased main pulmonary artery contact with left main coronary artery <p>Scan resolution (mm): 0.49 X 0.49 X 0.63 Scan size (mm): 250.0 X 250.0 X 152.5</p>
Pulmonary Artery	<p>41-year-old female with severe pulmonary hypertension and pulmonary artery enlargement</p> <ul style="list-style-type: none"> -Pulmonary arteries enlargement consistent with severe pulmonary hypertension -Right dominant coronary circulation without significant stenosis -Right centricular hypertrophy and enlargement of right atrium <p>Scan resolution (mm): 0.49 X 0.49 X 0.63 Scan size (mm): 250.0 X 250.0 X 152.5</p>
Cardiac Arrest	<p>Bilateral upper lobe pulmonary thromboemboli</p> <ul style="list-style-type: none"> -Pneumonia, aspiration, and/or atelectasis -Mild cardiomegaly/left atrial enlargement -Trace ascites -Cholelithiasis without cholecystitis -Dense liver <p>Scan resolution (mm): 0.69 X 0.69 X 0.63 Scan size (mm): 353.0 X 353.0 X 291.9</p>
Laryngotracheal Esophageal Cleft	<p>Developmental laryngotracheal esophageal cleft and possible bronchopulmonary malformation</p> <ul style="list-style-type: none"> -Right upper lobe bronchopulmonary malformation -Consolidation or atelectasis of right lower lobe with possible underlying lesion -Bilateral ground glass opacity -Multiple vertebral body clefts <p>Scan resolution (mm): 0.22 X 0.22 X 1.00 Scan size (mm): 111.0 X 111.0 X 106.0</p>
Gated Heart	<p>4-year-old male with gated heart and Williams's syndrome</p> <ul style="list-style-type: none"> -Supravalvular aortic stenosis and pulmonary artery stenosis -Right coronary artery arises from far left of right coronary cusp with mild stenosis <p>Scan resolution (mm): 0.28 X 0.28 X 0.30 Scan size (mm): 145.0 X 145.0 X 111.6</p>

Diaphragmatic Hernia	Diaphragmatic hernia Scan resolution (mm): 0.98 X 0.98 X 1.25 Scan size (mm): 500.0 X 500.0 X 357.5
Aortic Arch Anomaly	69-year-old man with aberrant right subclavian artery and limited intimal tear of ascending aorta -Limited intimal tear in left lateral aspect of ascending aorta -Aberrant right subclavian artery arising from medial distal aortic arch -Normal heart size without pericardial effusion -Minimal aneurysmal dilatation of ascending aorta Scan resolution (mm): 0.68 X 0.68 X 0.80 Scan size (mm): 346.0 X 346.0 X 285.6
Heart Angio with Tumor	Good definition of heart and aorta, artificial instrument on right neck, slight scoliosis, forward head Scan Resolution (mm): 0.46 X 0.46 X 0.45 Scan size (mm): 235.0 X 235.0 X 527.8
Normal Heart Angio	(1957-09-17) Heart scan, angio Scan Resolution (mm): 0.43 X 0.43 X 1.00 Scan size (mm): 220.0 X 220.0 X 153.0
Diseased Lung	No angio, poor bone density, calcification of costal cartilage, appears to be emaciated Scan Resolution (mm): 0.68 X 0.68 X 1.50 Scan size (mm): 370.0 X 370.0 X 321.0
Cysts on Kidneys	Angio, abnormally large liver, slight calcification of costal cartilage Scan Resolution (mm): 0.68 X 0.68 X 1.50 Scan size (mm): 350.0 X 350.0 X 321.0
Normal Chest CT Scan	(1955-11-12) Focus on upper thorax and shoulders, no angio and a little grainy, first rib positioned at angle Scan Resolution (mm): 0.79 X 0.79 X 1.00 Scan size (mm): 405.0 X 405.0 X 123.0
Epiphysis of Clavicle not fused	No angio, focus on upper left of thorax Scan Resolution (mm): 0.50 X 0.50 X 1.00 Scan size (mm): 254.0 X 254.0 X 182.0
Uneven Size Breast Implants Angio	(1954-08-31) Angio, skin graft, uneven size breast implants, calcification of costal cartilage Scan Resolution (mm): 0.74 X 0.74 X 1.00 Scan size (mm): 380.0 X 380.0 X 452.0
Sternum Foramen	(1943-07-05) Sternum foramen Scan Resolution (mm): 0.43 X 0.43 X 1.00 Scan size (mm): 220.0 X 220.0 X 148.0
Degenerative Osteophytes	(1957-07-19) Focus on heart Scan Resolution (mm): 0.43 X 0.43 X 1.00 Scan size (mm): 220.0 X 220.0 X 153.0
Calcification of Coronary Arteries	No angio, good bone definition, sternum and xiphoid process merged Scan Resolution (mm): 0.74 X 0.74 X 1.00 Scan size (mm): 380.0 X 380.0 X 315.0
Fractured Left Forearm Angio	Focus on left forearm, angio, good definition of blood vessels Scan Resolution (mm): 0.36 X 0.36 X 2.00 Scan size (mm): 182.0 X 182.0 X 316.0

Coronary Calcifications	(1932-03-26) Calcification of vertebrae, calcification of vessels Scan Resolution (mm): 0.33 X 0.33 X 0.45 Scan size (mm): 168.0 X 168.0 X 329.9
Right Humerus Fracture	Right shoulder and upper arm, good definition of bones Scan Resolution (mm): 0.48 X 0.48 X 1.00 Scan size (mm): 245.0 X 245.0 X 180.0
Hiatal Hernia	Angio, enlarged coronary arteries, atrophied heart, curved xiphoid process, artificial superior vena cava Scan Resolution (mm): 0.71 X 0.71 X 1.50 Scan size (mm): 361.0 X 361.0 X 306.0
Interstitial Fibrosis	Abnormal end of sternum, lack of xiphoid process, no angio Scan Resolution (mm): 0.74 X 0.74 X 1.00 Scan size (mm): 380.0 X 380.0 X 325.0
Diffuse Parenchymal Lung Disease	Abnormal manubrium, spotty bone density, calcification of costal cartilages and vertebrae Scan Resolution (mm): 0.57 X 0.57 X 1.00 Scan size (mm): 294.0 X 294.0 X 247.0
Thyroid Cancer	The indication for this exam was to evaluate thyroid cancer. Scan Resolution (mm): 0.78 X 0.78 X 1.25 Scan Size (mm): 400.0 X 400.0 X 311.3
Phyllodes	The indication for this exam was to evaluate a right breast mass. Scan Resolution (mm): 0.70 X 0.70 X 2.00 Scan Size (mm): 360.0 X 360.0 X 270.0
Right Thyroid Mass	The patient was being worked up for a heart condition; the mass was subsequently found during the evaluation. Scan Resolution (mm): 0.74 X 0.74 X 1.25 Scan Size (mm): 380.0 X 380.0 X 322.5
Pneumonia and Bilateral Pleural Effusions	The indication for the exam was shortness of breath. Scan Resolution (mm): 0.70 X 0.70 X 2.50 Scan Size (mm): 360.0 X 360.0 X 302.5
Right Hilar Mass	The indication for the exam was to evaluate chest swelling, mass, lump. Scan Resolution (mm): 0.70 X 0.70 X 1.25 Scan Size (mm): 360.0 X 360.0 X 360.0
Left Upper Lobe Pulmonary Mass	The indication for this exam was to evaluate a chronic airway obstruction and history of lung nodules. Scan Resolution (mm): 0.78 X 0.78 X 1.25 Scan Size (mm): 400.0 X 400.0 X 333.8
Lung Mass and Mediastinal Lymphadenopathy	The indication for this exam was to examine a known lung mass following an x-ray. Scan Resolution (mm): 0.74 X 0.74 X 1.25 Scan Size (mm): 380.0 X 380.0 X 293.8
Mediastinal Mass	This indication for the exam was to evaluate known cancer, shortness of breath, and tachycardia. Scan Resolution (mm): 0.88 X 0.88 X 1.25 Scan Size (mm): 450.0 X 450.0 X 295.0
Thrombophlebitis	The indication for this exam was to evaluate for IVC thrombosis. Scan Resolution (mm): 0.75 X 0.75 X 2.50 Scan Size (mm): 385.0 X 385.0 X 497.5
Thorax and Abdomen (27-year-old Male)	
Heart (60-year-old male)	Scan Resolution (mm): 0.37 X 0.37 X 0.50 Scan Size (mm): 187.0 X 187.0 X 263.5
Thorax and Abdomen	
Thorax (Female)	Scan Resolution (mm): 0.56 X 0.56 X 1.25 Scan Size (mm): 289.0 X 289.0 X 276.3
Aortic Arch Anomaly	0163 Aortic Aneurysm with Anteriosclerotic Calcification and Stent 0347 Variant Aortic Arch Anatomy with Dilatation of Ascending Aorta 0010 Normal Size Aorta

Congenital Heart Abnormality	0165 Tetralogy of Fallot 3yo 0324 Gated Heart 4 yo 0010 Normal Adult Heart with Stent 21 yo
Cystic Fibrosis	0236a Cystic Fibrosis Inspiration 0236b Cystic Fibrosis Expiration 0010 Normal Lungs
Enlarged Heart	0204 Hypertrophic Cardiomyopathy with St. Jude Aortic Valve 0294 Cardiomegaly and Left Atrial Enlargement 0010 Normal Size Heart
Heart Valve	0204 St. Jude Prosthetic Mechanical Aortic Valve and Stent with Hypertrophic Cardiomyopathy 0154 Aortic Valve Replacement and Stent with Normal Size Heart 0010 Normal Aortic Valve and Stent with Normal Size Heart
Stents	0131 Bronchial Stent 0132 Tracheal Stent 0010 Normal Bronchi and Trachea
Trachea	0133 Tracheal Stenosis 0132 Tracheal Stent 0010 Normal Trachea
Breast Cancer	0131 Normal Breasts 0740 Breast Cancer (Lymphoma) 0741 Phyllodes
Breast Implants	0131 Normal Breasts 0640 Uneven Breast Implants 0666 Breast Implants

Abdomen and Pelvis Cases

CaseTitle	Description
Thorax and Abdomen	
Thrombosis of Fem-Fem Bypass	<p>85-year-old male with thrombosis of femoral-femoral bypass graft</p> <ul style="list-style-type: none"> -Interval development of stent-graft leak into aneurysm sac from right common iliac limb of aorto-biliac graft -Interval increase in size of fluid collection within left abdomen -Interval thrombosis of femoral-femoral bypass graft -Diffuse atherosclerotic calcifications of the arteries of bilateral lower extremities <p>Scan resolution (mm): 0.42 X 0.42 X 0.63 Scan size (mm): 215.0 X 215.0 X 350.6</p>
Fem-Fem Bypass	<p>70-year-old male with femoral-femoral bypass</p> <ul style="list-style-type: none"> -Fem-fem bypass -Occluded SFA with reconstitution past adductor hiatus -Occluded right external iliac artery stent -Stenosis in left common iliac artery stent <p>Scan resolution (mm): 0.78 X 0.78 X 0.63 Scan size (mm): 400.0 X 400.0 X 1314.4</p>
Venogram	<p>87-year-old male with CT venogram from diaphragm to ankle.</p> <ul style="list-style-type: none"> -Focal thrombus within right anterior tibial vein in calf -Focal thrombus in left distal SFA/popliteal vein -Inguinal hernia <p>Scan resolution (mm): 0.92 X 0.92 X 1.25 Scan size (mm): 471.0 X 471.0 X 1337.5</p>

Venogram ABD, PEL, LL	<p>24-year-old female with polycystic ovary, retroperitoneal venous collaterals</p> <ul style="list-style-type: none"> -Complete occlusion of deep venous system of bilateral lower extremities -Enhancement of venous walls -Enlarged hemiazygos and azygos veins -Mild soft tissue edema throughout bilateral lower extremities <p>Scan resolution (mm): 0.70 X 0.70 X 1.25 Scan size (mm): 360.0 X 360.0 X 1028.8</p>
Occluded Iliac Arteries	<p>Aortic occlusion</p> <ul style="list-style-type: none"> -Bilateral common iliac arteries occluded to popliteal arteries -Collateral flow to pelvis and lower extremities <p>Scan resolution (mm): 0.78 X 0.78 X 0.63 Scan size (mm): 400.0 X 400.0 X 1400.0</p>
Lipoma	<p>The indication for this exam was to evaluate a soft tissue mass noted on a previous US exam. Scan Resolution (mm): 1.42 X 6.74 X 1.41</p>
Amputated Lower Limb	<p>Scan Resolution (mm): 0.69 X 0.69 X 1.25 Scan Size (mm): 353.0 X 353.0 X 1136.3</p>
Lower Limbs (Female)	<p>Scan Resolution (mm): 0.92 X 0.92 X 1.25 Scan Size (mm): 473.0 X 473.0 X 1205.0</p>
Lower Limbs (Male)	<p>Scan Resolution (mm): 0.86 X 0.86 X 1.25 Scan Size (mm): 441.0 X 441.0 X 1180.0</p>
Lower Limb with Cast	<p>Scan Resolution (mm): 0.84 X 0.84 X 2.50 Scan Size (mm): 431.0 X 431.0 X 637.5</p>
Acetabular Fx	<p>Complex Pelvis Acetabular Fracture</p> <ul style="list-style-type: none"> -Complex displaced fracture involving left acetabulum and medial acetabular wall -Pars interarticularis defects at L5-S1 level -Soft tissue show extensive amount of hemorrhage adjacent to left medial acetabular fracture <p>Scan resolution (mm): 0.78 X 0.78 X 1.80 Scan size (mm): 400.0 X 396.9 X 239.4</p>
Aneurysm with Endoleak	<p>73-year-old male status post Talent AAA stent graft repair</p> <ul style="list-style-type: none"> -Aorto bi-iliac stent graft for infrarenal abdominal aortic aneurysm with large endoleak -Bilateral pleural effusion -Right groin soft tissue hematoma -Left renal artery stent <p>Scan resolution (mm): 0.72 X 0.72 X 1.25 Scan size (mm): 371.0 X 371.0 X 450.0</p>
Possible Embolism	<p>Possible pulmonary embolism, Upper lobe calcified granuloma</p> <ul style="list-style-type: none"> -No evidence of pulmonary embolism -Left lower lobe pleural based nodule and calcified left upper lobe granuloma -Hiatal hernia -Mildly dilated distal small bowel loops with stool <p>Scan resolution (mm): 0.66 X 0.66 X 1.25 Scan size (mm): 340.0 X 340.0 X 387.5</p>
Osteogenesis Imperfecta	<p>35-year-old female with osteogenesis imperfecta</p> <ul style="list-style-type: none"> -Severe involvement of the pelvis including narrowing of inlet -Compression of rectum and secondary dilatation of rectum and sigmoid colon <p>Scan resolution (mm): 0.52 X 0.52 X 0.50 Scan size (mm): 268.0 X 268.0 X 108.5</p>

Aortic Aneurysm	<p>66-year-old female with abdominal aortic aneurysm</p> <ul style="list-style-type: none"> -Descending thoracic aortic aneurysm with mural thrombus -Infrarenal aortic aneurysm with mural thrombus -Occluded left renal artery as well as IMA -Left brachiocephalic vein and occlusion of distal left subclavian vein <p>Scan resolution (mm): 0.59 X 0.59 X 1.50 Scan size (mm): 300.0 X 300.0 X 616.5</p>
Pelvis Runoff	<p>Pelvis runoff</p> <ul style="list-style-type: none"> -Deep vein thrombosis -Filter in IVC <p>Scan resolution (mm): 0.84 X 0.84 X 0.63 Scan size (mm): 431.0 X 431.0 X 678.8</p>
Gall Bladder with Contrast	<p>Gallbladder with stent grafts</p> <ul style="list-style-type: none"> -Abdominal aortobiliac stent graft with bilateral renal artery snorkel stent grafts -Innumerable bilateral renal cortical hypodensities -Acute tubular necrosis -Mild bowel wall thickening of descending and sigmoid colon with proximal IMA occlusion <p>Scan resolution (mm): 0.50 X 0.50 X 0.63 Scan size (mm): 256.0 X 256.0 X 472.5</p>
Enterography	<p>54-year-old female with a history of lymphangiomyomatosis admitted with enteric lesions</p> <ul style="list-style-type: none"> -Polypoid enhancing lesion extending into stomach lumen from anterior wall -Multifocal and peripheral biliary ductal dilatation of the liver -Enlarged retrocrural and retroperitoneal lymph nodes <p>Scan resolution (mm): 0.79 X 0.79 X 0.63 Scan size (mm): 403.0 X 355.0 X 445.6</p>
Renal Cell Carcinoma	<p>58-year-old male with renal cell carcinoma</p> <ul style="list-style-type: none"> -Status post right partial nephrectomy -Ill-defined left lung nodule -Chronic pancreatitis: dystrophic calcifications and dilated pancreatic duct -Status post liver transplant -Bilateral inguinal hernias <p>Scan resolution (mm): 0.43 X 0.43 X 0.70 Scan size (mm): 222.0 X 222.0 X 271.6</p>
Pancreas & Liver Cancer	<p>67-year-old male with metastatic neuroendocrine tumor with bone and liver metastases</p> <ul style="list-style-type: none"> -Right PICC line tip within SVC -Hepatic abscess drainage catheter -Thrombosis/occlusion of SMV -Prior Whipple's resection -Enhancing lymph node in fissure for ligamentum venosum <p>Scan resolution (mm): 0.76 X 0.76 X 1.00 Scan size (mm): 391.0 X 390.2 X 526.0</p>

Fx Pelvis	<p>26-year-old male with pelvic fracture</p> <ul style="list-style-type: none"> -Comminuted burst fracture of the right acetabulum with an associated segmental fracture of the inferior pubic ramus -Significant surrounding soft tissue swelling <p>Scan resolution (mm): 0.78 X 0.78 X 1.25 Scan size (mm): 400.0 X 400.0 X 183.8</p>
Fx Vertebra	<p>Motor cycle crash</p> <ul style="list-style-type: none"> -Comminuted transverse fx through L3 body with retropulsion of bony fragments into central canal. -Right psoas and retroperitoneal hematoma -Nondisplaced fracture of superior endplate of L1 -Trace free fluid along mesenteric root <p>Scan resolution (mm): 0.65 X 0.65 X 1.25 Scan size (mm): 334.0 X 334.0 X 445.0</p>
Liver A&V	<p>Liver TB</p> <ul style="list-style-type: none"> -Multiple hepatic lesions and increased size of liver -Nodule in right lower lobe -Increased size of cardiophrenic lymph node -Hypoattenuating lesion of right kidney -Common hepatic artery arises from SMA <p>Scan resolution (mm): 0.73 X 0.73 X 1.00 Scan size (mm): 375.0 X 375.0 X 441.0</p>
Mesenteric Lymphangioma	<p>58-year-old female follow-up of mesenteric lymphangioma</p> <ul style="list-style-type: none"> -Water attenuation lesion around mesenteric root, likely reflecting a lymphangioma -High density nodule within lesion -Hypodensity in liver, likely reflecting a cyst -Splenic cyst <p>Scan resolution (mm): 0.72 X 0.72 X 1.00 Scan size (mm): 371.0 X 371.0 X 416.0</p>
Spina Bifida	<p>Spina bifida, Chiari 2, and deformity</p> <ul style="list-style-type: none"> -Severe levoscoliosis -Right hip dislocation and left hip subluxation -Diffuse muscular atrophy -Left lung hyperinflated -Cholelithiasis without Cholecystitis <p>Scan resolution (mm): 0.68 X 0.68 X 0.70 Scan size (mm): 348.0 X 348.0 X 324.8</p>
Pancrease-Gall bladder	<p>51-year-old male with possible cholangiocarcinoma or pancreatic carcinoma</p> <ul style="list-style-type: none"> -Mild pancreatic ductal dilatation with abrupt termination of pancreatic duct in head of pancreas -Numerous upper abdominal lymph nodes and infiltration of fat along SMA -Fluid within anterior pararenal space and retroperitoneum concerning for pancreatitis -Biliary stent -Enhancing biliary epithelium and mild gallbladder wall thickening maybe secondary to cholangitis -Exophytic enhancing left renal mass <p>Scan resolution (mm): 0.70 X 0.70 X 0.63 Scan size (mm): 360.0 X 360.0 X 284.4</p>

Endometrial Sarcoma	<p>62-year-old female with endometrial stromal sarcoma</p> <ul style="list-style-type: none"> -Right-sided pelvic and retroperitoneal mass -Complete encasement and occlusion of common, external, and internal iliac veins -Large tumor thrombus in IVC -Right-sided hydronephrosis with ureter stent, which is envased by tumor near bladder <p>Scan resolution (mm): 0.63 X 0.63 X 0.60 Scan size (mm): 325.0 X 325.0 X 439.2</p>
Hip Arthroplasty	<p>54-year-old female with hip arthroplasty</p> <ul style="list-style-type: none"> -Fixation screw from right acetabular extends into right sciatic nerve: nerve impingement <p>Scan resolution (mm): 0.70 X 0.70 X 0.63 Scan size (mm): 360.0 X 360.0 X 306.3</p>
Mild Degenerative Changes	<p>Lumbar vertebrae, no angio, decent muscle definition, slight lordosis</p> <p>Scan Resolution (mm): 0.39 X 0.39 X 1.00 Scan size (mm): 200.0 X 200.0 X 260.0</p>
Posterior Facet Syndrome	<p>Lumbar vertebrae, no angio, decent muscle definition, slight lordosis</p> <p>Scan Resolution (mm): 0.39 X 0.39 X 1.00 Scan size (mm): 200.0 X 200.0 X 342.0</p>
Normal Lumbar Spine CT	<p>No angio, unevenness in direction and positioning of transverse processes</p> <p>Scan Resolution (mm): 0.34 X 0.34 X 1.00 Scan size (mm): 176.0 X 176.0 X 299.0</p>
End Stage Renal Disease	<p>Abdominal aorta and common illiac artery calcification, disproportionate manubrium, right 12th rib is shorter than left counterpart</p> <p>Scan Resolution (mm): 0.68 X 0.68 X 1.50 Scan size (mm): 350.0 X 350.0 X 643.5</p>
Normal Pelvis CT Scan	<p>No angio, good view of internal organs</p> <p>Scan Resolution (mm): 0.38 X 0.38 X 1.00 Scan size (mm): 197.0 X 197.0 X 308.0</p>
4 cm Cyst in Liver	<p>No angio, good view of internal organs, scoliosis, slight lordosis</p> <p>Scan Resolution (mm): 0.41 X 0.41 X 1.00 Scan size (mm): 209.0 X 209.0 X 340.0</p>
Splenomegaly	<p>Angio of ureter, little grainy but good bone and kidney definition, calcification of costal cartilage, abnormally large liver, abnormal manubrium</p> <p>Scan Resolution (mm): 0.68 X 0.68 X 1.50 Scan size (mm): 350.0 X 350.0 X 487.5</p>
Splenomegaly	<p>Angio of aorta, very good bone and organ boundary definition, abnormally large liver, extreme calcification of costal cartilages, possible left subclavian stenosis</p> <p>Scan Resolution (mm): 0.68 X 0.68 X 1.50 Scan size (mm): 350.0 X 350.0 X 633.0</p>
Partial Small Bowel Obstruction	<p>Angio of ureter, good definition of kidneys, bladder, and intestinal tract</p> <p>Scan Resolution (mm): 0.78 X 0.78 X 1.50 Scan size (mm): 400.0 X 400.0 X 514.5</p>

Partial Small Bowel Obstruction	<p>Angio of aorta, very good definition of bones, blood vessels and intestinal tract, calcification of costal cartilage, scoliosis</p> <p>Scan Resolution (mm): 0.78 X 0.78 X 1.50 Scan size (mm): 400.0 X 400.0 X 514.5</p>
Hepatosplenomegaly	<p>Angio, very good definition of kidney and lower intestines, abnormally large liver, rectus abdominis damage, large intestine abnormality</p> <p>Scan Resolution (mm): 0.68 X 0.68 X 1.50 Scan size (mm): 350.0 X 350.0 X 454.4</p>
Normal Thorax and Abdomen Angio	<p>Angio, excellent definition of internal organs and blood vessels, abnormal common iliac vessels, abnormal positioning of small intestines and large intestines</p> <p>Scan Resolution (mm): 0.80 X 0.80 X 1.00 Scan size (mm): 408.0 X 408.0 X 829.0</p>
Normal Lower Body Angio	<p>Angio, internal organs, very narrow intestines, thinner arteries</p> <p>Scan Resolution (mm): 0.79 X 0.79 X 1.00 Scan size (mm): 404.0 X 404.0 X 1193.0</p>
Arteriosclerotic disease in Aorta	<p>Good definition of kidney, good angio, abnormal hole in pelvic girdle, kidneys have uneven surface</p> <p>Scan Resolution (mm): 0.80 X 0.80 X 1.00 Scan size (mm): 412.0 X 412.0 X 1245.0</p>
Normal Female Pelvis	<p>Pelvic bone is well defined, good surface muscle and lymph definition</p> <p>Scan Resolution (mm): 0.72 X 0.72 X 1.50 Scan size (mm): 369.0 X 369.0 X 253.5</p>
Normal Pelvis	<p>(1976-07-16) Contrast media in intestines and blood vessels, good muscular definition</p> <p>Scan Resolution (mm): 0.68 X 0.68 X 1.00 Scan size (mm): 350.0 X 350.0 X 207.0</p>
Left Hip Replacement	<p>(1977-09-09) No angio, left hip replacement, some limb muscle definition, poor bone density</p> <p>Scan Resolution (mm): 0.71 X 0.71 X 2.00 Scan size (mm): 364.0 X 364.0 X 348.5</p>
Chronic Cystitis on Bladder Wall	<p>(1942-07-31) No angio, poor bone density especially in sacrum</p> <p>Scan Resolution (mm): 0.68 X 0.68 X 1.00 Scan size (mm): 350.0 X 350.0 X 217.0</p>
Normal Male Pelvis	<p>Good definition of muscle</p> <p>Scan Resolution (mm): 0.98 X 0.98 X 1.00 Scan size (mm): 500.0 X 500.0 X 310.0</p>
Sacrum Fracture	<p>No angio, good bone definition, fracture in sacrum and ala of sacrum</p> <p>Scan Resolution (mm): 0.70 X 0.70 X 1.00 Scan size (mm): 360.0 X 360.0 X 267.0</p>
Scrotal Swelling	<p>Scrotal swelling, no angio, very good definition of muscles and lymph</p> <p>Scan Resolution (mm): 0.77 X 0.77 X 1.50 Scan size (mm): 396.0 X 396.0 X 369.0</p>
Choledochal Cyst	<p>The indication for this exam was possible choledochal cyst. Findings included a choledochal cyst measuring 9 mm in diameter with focal outpouching suggesting involvement of the common hepatic duct.</p> <p>Scan Resolution (mm): 0.89 X 0.89 X 2.00 Scan Size (mm): 200.0 X 200.0 X 160.0</p>

Horeshoe Kidney	The indication for this exam was follow-up on a liver lesion; evaluate for additional treatment. Scan Resolution (mm): 0.91 X 2.00 X 0.91 Scan Size (mm): 392.3 X 240.0 X 392.3
Polycystic Kidneys	The indication for this exam was to evaluate for a possible kidney transplant. Scan Resolution (mm): 0.78 X 0.78 X 7.50 Scan Size (mm): 400.0 X 400.0 X 465.0
Hemorrhagic Pancreatitis	The indication for this exam was evaluation of the pancreas. Scan Resolution (mm): 1.23 X 1.23 X 5.50 Scan Size (mm): 395.0 X 395.0 X 231.0
Umbilical Cord Cysts	The indication for this exam was fetal imaging for a 24 week fetus with allantoic-urachal complex. Scan Resolution (mm): 0.51 X 0.51 X 4.50 Scan Size (mm): 260.1 X 260.0 X 225.0
Fetal Brain Cyst	The indication for this exam was fetal imaging of a 36 week fetus for a mass at the base of the brain. Scan Resolution (mm): 0.97 X 3.72 X 1.75 Scan Size (mm): 339.9 X 182.1 X 294.9
Tentorial Hematoma	The indication for this exam was fetal imaging of a 24 week fetus with tentorial hematoma (brain). Scan Resolution (mm): 1.61 X 0.98 X 2.55 Scan Size (mm): 246.6 X 310.8 X 150.6
Dandy Walker Malformation	The indication for this exam was to check for possible cleaving of cerebellar vermis; dilated 4th ventricle; possible partial Dandy Walker malformation. Scan Resolution (mm): 1.36 X 0.66 X 3.52 Scan Size (mm): 269.2 X 295.0 X 190.0
Prostatic Adenocarcinoma	The indication for this exam was to evaluate for prostate cancer. Scan Resolution (mm): 0.59 X 0.59 X 0.75 Scan Size (mm): 301.9 X 301.9 X 150.0
Bezoar	The indication for this exam was to evaluate left sided abdominal pain. Scan Resolution (mm): 0.78 X 0.78 X 2.50 Scan Size (mm): 400.0 X 400.0 X 507.5
Aortic Aneurysm	The indication for this exam was evaluation of an aortic aneurysm. Scan Resolution (mm): 0.80 X 0.80 X 1.25 Scan Size (mm): 409.0 X 409.0 X 516.3
Large Abdominal Aortic Aneurysm	The indication for this exam was evaluation of abdominal pain. Scan Resolution (mm): 0.70 X 0.70 X 2.50 Scan Size (mm): 360.0 X 360.0 X 437.5
Infrarenal/Saccular Abdominal Aortic Aneurysm	The indication for this exam was to evaluate for pyelonephritis. Scan Resolution (mm): 0.81 X 0.81 X 2.50 Scan Size (mm): 413.0 X 413.0 X 412.5
Focal Nodular Hyperplasia	The indication for this exam was to follow up on an abnormal liver mass found during an ultrasound exam. Scan Resolution (mm): 0.64 X 0.64 X 1.40 Scan Size (mm): 360.0 X 360.0 X 250.6
Hepatocellular Carcinoma	The indication for this exam was to evaluate a known hepatocellular carcinoma. Scan Resolution (mm): 0.93 X 0.93 X 7.70 Scan Size (mm): 400.0 X 400.0 X 308.0
Hemangioma	The indication for this exam was to evaluate liver lesions visualized via ultrasound. Scan Resolution (mm): 0.70 X 0.70 X 1.40 Scan Size (mm): 360.0 X 360.0 X 250.6
Acute Cholecystitis	The indication for this exam was to follow up on an ultrasound; acute cholecystitis. Scan Resolution (mm): 1.00 X 2.00 X 1.00
Cholangiocarcinoma	The indication for this exam was to evaluate known cholangiocarcinoma. Scan Resolution (mm): 0.70 X 0.70 X 2.00 Scan Size (mm): 360.0 X 360.0 X 446.0
Cholangitis	The indication for this exam was to evaluate cholangitis. Scan Resolution (mm): 0.80 X 0.80 X 2.50 Scan Size (mm): 360.0 X 360.0 X 355.0

Gallbladder Cancer	The indication for this exam was to evaluate RUQ pain. Scan Resolution (mm): 0.78 X 0.78 X 2.50 Scan Size (mm): 400.0 X 400.0 X 492.5
Bladder Rupture	The indication for performing this exam was a MVA in which the patient was ejected from the car. Scan Resolution (mm): 0.78 X 0.78 X 2.50 Scan Size (mm): 400.0 X 400.0 X 597.5
Renal Bladder Mass	The indication for this exam was recurrent testicular pain. Scan Resolution (mm): 0.70 X 0.70 X 5.00 Scan Size (mm): 360.0 X 360.0 X 450.0
Medullary Sponge Kidney	The indication for this exam was elevated liver function tests and pain. Scan Resolution (mm): 0.92 X 0.92 X 2.50 Scan Size (mm): 470.0 X 470.0 X 462.5
Phlegmon	The indication for this exam was to evaluate RLQ pain. Scan Resolution (mm): 0.72 X 0.72 X 2.50 Scan Size (mm): 370.0 X 370.0 X 477.5
Liposarcoma	The indication for this exam was evaluation of an abdominal mass found on ultrasound. Scan Resolution (mm): 0.90 X 0.90 X 2.50 Scan Size (mm): 460.0 X 460.0 X 552.5
Pancreatic Mass and Dilation of Duct	The indication for this exam was to evaluate for pancreatic cancer. Scan Resolution (mm): 0.78 X 0.78 X 2.50 Scan Size (mm): 400.0 X 400.0 X 457.5
Pheochromocytoma	The indication for this exam was abdominal distention and fullness. Scan Resolution (mm): 0.59 X 0.59 X 4.40 Scan Size (mm): 300.0 X 300.0 X 228.8
Carcinosarcoma	The indication for this exam was to evaluate RLQ abdominal pain. Scan Resolution (mm): 0.73 X 0.73 X 2.50 Scan Size (mm): 376.0 X 376.0 X 462.5
Endometrioma	The indication for this exam was to evaluate an anterior abdominal wall lump. Status post C-section. Scan Resolution (mm): 0.53 X 0.53 X 5.60
Ovarian Mass	The indication for this exam was evaluation an ovarian mass in comparison with a previous exam. Scan Resolution (mm): 1.06 X 1.06 X 2.50 Scan Size (mm): 544.0 X 544.0 X 445.0
Pelvic Inflammatory Disease	The indication for this exam was to evaluate for a possible tuboovarian abscess. Scan Resolution (mm): 0.70 X 0.70 X 2.50
Gaucher Disease	The indication for this exam was to evaluate Gaucher disease. Scan Resolution (mm): 0.66 X 0.66 X 1.40 Scan Size (mm): 340.0 X 340.0 X 232.4
HELLP Syndrome	This exam was performed for abdominal distention; post c-section. Scan Resolution (mm): 0.81 X 0.81 X 2.50 Scan Size (mm): 413.0 X 413.0 X 522.5
Prostate Cancer	The indication for this exam was planning for radiation treatment. Scan Resolution (mm): 0.49 X 0.90 X 0.49 Scan Size (mm): 250.0 X 225.0 X 250.0
Appendicitis	The indication for this exam was diffuse abdominal pain. Scan Resolution (mm): 0.98 X 0.98 X 3.00 Scan Size (mm): 500.0 X 500.0 X 570.0
Hernia	The indication for this exam was to rule out an abdominal mass. Scan Resolution (mm): 0.83 X 0.83 X 2.50 Scan Size (mm): 424.0 X 424.0 X 437.5
Inferior Breast Nodule	The indication for this exam was abdominal distension. Scan Resolution (mm): 0.73 X 0.73 X 2.50 Scan Size (mm): 372.0 X 372.0 X 457.5
High-Grade Narrowing of SMA	This exam was performed due to chronic abdominal pain. Scan Resolution (mm): 0.78 X 0.78 X 2.50 Scan Size (mm): 400.0 X 400.0 X 457.5
PV Gas	The indication for this exam was abdominal pain and a possible portal venous gas seen on US. Scan Resolution (mm): 0.85 X 0.85 X 2.50 Scan Size (mm): 437.0 X 437.0 X 507.5

Abdomen (40-year-old female)	Scan Resolution (mm): 0.78 X 0.78 X 1.00 Scan Size (mm): 401.0 X 401.0 X 518.0
Abdomen (60-year-old female)	Scan Resolution (mm): 0.73 X 0.73 X 1.00 Scan Size (mm): 373.0 X 373.0 X 486.0
Pelvis (46-year-old female)	
Abdomen (64-year-old-male)	Scan Resolution (mm): 0.71 X 0.71 X 1.00 Scan Size (mm): 365.0 X 365.0 X 505.0
Abdomen (77-year-old female)	Scan Resolution (mm): 0.75 X 0.75 X 1.00 Scan Size (mm): 385.0 X 385.0 X 471.0
Thorax and Abdomen (45-year-old female)	
Abdomen (80-year-old male)	Scan Resolution (mm): 0.71 X 0.71 X 1.00 Scan Size (mm): 363.0 X 363.0 X 519.0
Bloated Female	Scan Resolution (mm): 0.89 X 0.89 X 1.00 Scan Size (mm): 454.0 X 454.0 X 531.0
Abdomen (11-year-old Male)	Scan Resolution (mm): 0.58 X 0.58 X 1.00 Scan Size (mm): 297.0 X 297.0 X 432.0
Abdomen and Pelvis (60-year-old female)	
Abdomen (33-year-old Female)	Scan Resolution (mm): 0.90 X 0.90 X 1.00 Scan Size (mm): 461.0 X 461.0 X 528.0
Abdomen (40-year-old Male)	Scan Resolution (mm): 0.67 X 0.67 X 1.00 Scan Size (mm): 341.0 X 341.0 X 496.0
Abdomen (45-year-old Female)	Scan Resolution (mm): 0.75 X 0.75 X 1.00
Abdomen (32-year-old Male)	Scan Resolution (mm): 0.80 X 0.80 X 1.00
Abdomen (45-year-old Male)	
Abdomen (55-year-old Female)	Scan Resolution (mm): 0.78 X 0.78 X 1.00 Scan Size (mm): 400.0 X 400.0 X 555.0
Abdomen (60-year-old Male)	Scan Resolution (mm): 0.66 X 0.66 X 1.00 Scan Size (mm): 338.0 X 338.0 X 519.0
Abdomen (14-year-old Male)	Scan Resolution (mm): 0.68 X 0.68 X 1.00 Scan Size (mm): 348.0 X 348.0 X 504.0
Abdomen (63-year-old Male)	Scan Resolution (mm): 0.81 X 0.81 X 1.00 Scan Size (mm): 415.0 X 415.0 X 608.0
Abdomen (12-year-old Female)	Scan Resolution (mm): 0.61 X 0.61 X 1.00 Scan Size (mm): 313.0 X 313.0 X 464.0
Abdomen and Pelvis (70-year-old Male)	
Abdomen (50-year-old Female)	Scan Resolution (mm): 0.72 X 0.72 X 1.00 Scan Size (mm): 368.0 X 368.0 X 476.0
Abdomen (59-year-old Male)	Scan Resolution (mm): 0.73 X 0.73 X 1.00
Abdomen (63-year-old Male)	Scan Resolution (mm): 0.89 X 0.89 X 1.00
Abdomen (Female)	Scan Resolution (mm): 0.55 X 0.55 X 2.50 Scan Size (mm): 284.0 X 284.0 X 415.0
Kidney Masses	Scan Resolution (mm): 0.75 X 0.75 X 2.50 Scan Size (mm): 386.0 X 386.0 X 345.0
Renal System (Male)	Scan Resolution (mm): 0.71 X 0.71 X 1.25 Scan Size (mm): 364.0 X 364.0 X 395.0
Abdominal Aneurysm	0053 Abdominal Aortic Aneurysm Stent with Endoleak 0206 Abdominal Aortic Aneurysm 0296 Normal
Femoral Bypass	0004 Femoral Bypass Thrombosis 0011 Femoral Bypass Runoff 0296 Normal
Kidney	0276 Renal Cell Carcinoma 0218 Renal Cryoblation 0296 Renal Normal
Pelvic Bone	0173 Osteogenesis Imperfecta 0013 Pelvis Acetabular Fracture 0296 Normal Pelvis
Lungs	0010 Normal Lungs 0302 Laryngotracheal Esophageal Cleft 0635 Diseased Lung
Bile Ducts	0658 Enlarged Common Bile Duct 0665 Mild Dilation of Common Bile Duct 0659 Normal Abdomen CT Scan

Kidney Disorders	0709 Horseshoe Kidney 0763 Medullary Sponge Kidney 0659 Normal Kidney
Aortic Aneurysms	0748 Large Abdominal Aortic Aneurysm 0747 Aortic Aneurysm 0659 Normal Abdomen

Upper Limb Cases

CaseTitle	Description
Arm Angio	<p>13-year-old female with monophasic right radial artery and absent ulnar pulse</p> <ul style="list-style-type: none"> -Metacarpals to 1st/2nd-2d/3rd intermetacarpal as well as 5th metacarpal artery, arising from superficial palmar arch, are moderately attenuated -Lung is unremarkable -No evidence of embolic disease nor focal dissection <p>Scan resolution (mm): 0.58 X 0.58 X 0.63 Scan size (mm): 288.1 X 227.0 X 715.6</p>
Clavicle Fx	<p>A 36-year-old male with history of right clavicular fracture</p> <ul style="list-style-type: none"> -Prior hardware removal from right clavicular fracture -Inferior displacement of distal fracture -Mild offset at acromioclavicular joint -Several small bony fragments observable in region of fracture site <p>Scan resolution (mm): 0.45 X 0.45 X 1.25 Scan size (mm): 230.0 X 230.0 X 116.3</p>
Shoulder Scapula	<p>Prominent hook on scapula</p> <ul style="list-style-type: none"> -Unusual prominent hook configuration of superior and medial margin of scapula -No definite osteochondroma <p>Scan resolution (mm): 0.44 X 0.44 X 1.00 Scan size (mm): 224.0 X 224.0 X 235.0</p>
Scapholunate Tear	<p>Right wrist contrast</p> <ul style="list-style-type: none"> -Right wrist arthrogram radial carpal joint injection -Contrast communicating with distal radial ulnar joint consistent with TFCC tear -Contrast communicating with mid carpal joint consistent with scapholunate tear <p>Scan resolution (mm): 0.20 X 0.20 X 0.60 Scan size (mm): 104.0 X 104.0 X 126.6</p>
Shoulder Dislocation	<p>Hill-sachs Impaction fracture</p> <ul style="list-style-type: none"> -Anteroinferior dislocation with a hill-sachs impaction fracture of the greater tuberosity -Luxation erecta positioning of arm <p>Scan resolution (mm): 0.48 X 0.48 X 1.25 Scan size (mm): 247.0 X 247.0 X 251.3</p>
Scaphoid with Screw	<p>Cancellous screw within scaphoid</p> <ul style="list-style-type: none"> -Cancellous screw present within scaphoid, abutting distal radius -No demonstrable fracture line visible <p>Scan resolution (mm): 0.27 X 0.27 X 0.40 Scan size (mm): 137.0 X 106.8 X 73.2</p>

Complex A-V Formation	<p>Complex arteriovenous malformation of right hand</p> <ul style="list-style-type: none"> -Extensive convoluted vessels in palmar surface of right hand -Aneurysmal dilatation of radial artery at distal radius -Small lymph nodes in right axilla <p>Scan resolution (mm): 0.87 X 0.87 X 0.63 Scan size (mm): 446.0 X 446.0 X 738.8</p>
Elbow Joint Hematoma	<p>62-year-old male with elbow joint hematoma</p> <ul style="list-style-type: none"> -Tortuous arteriovenous dialysis graft in forearm -Calcification of graft walls and several areas of focal dilation in graft -Extensive subcutaneous edema in soft tissue -Moderate heterogeneous, mildly dense mass over medial antecubital fossa <p>Scan resolution (mm): 0.49 X 0.49 X 1.25 Scan size (mm): 250.0 X 250.0 X 436.3</p>
Thumb Melanoma	<p>Metastatic melanoma left thumb with axillary mass</p> <ul style="list-style-type: none"> -Large hypervascular nodal mass in left axilla -Soft tissue swelling in thumb pad <p>Scan resolution (mm): 0.65 X 0.65 X 0.70 Scan size (mm): 333.0 X 333.0 X 842.8</p>
Normal Elbow	<p>Normal elbow</p> <ul style="list-style-type: none"> -Normal appearance of elbow without evidence for fracture or loose bodies <p>Scan resolution (mm): 0.22 X 0.22 X 0.70 Scan size (mm): 113.0 X 113.0 X 120.4</p>
Forearm Vessels	<p>Forearm vessels</p> <p>Scan resolution (mm): 0.46 X 0.46 X 0.63 Scan size (mm): 237.0 X 237.0 X 414.4</p>
Shoulder Arthritis	<p>89-year-old female with shoulder arthritis</p> <ul style="list-style-type: none"> -Severe rheumatoid arthritis of left shoulder -Tearing of supraspinatus and infraspinatus tendons, and subscapularis tendon <p>Scan resolution (mm): 0.42 X 0.42 X 1.00 Scan size (mm): 214.0 X 168.0 X 165.0</p>
Axilla Tumor	<p>Shoulder axilla tumor post mastectomy</p> <ul style="list-style-type: none"> -Ill-defined hypoattenuation in triceps, deltoid, and teres muscles -Possible representation of metastasis, infection, or less likely, necrosis <p>Scan resolution (mm): 0.64 X 0.64 X 0.63 Scan size (mm): 328.0 X 328.0 X 373.1</p>
Hand with Contrast	<p>Hand</p> <ul style="list-style-type: none"> -Cadaver hand <p>Scan resolution (mm): 0.32 X 0.32 X 0.63 Scan size (mm): 165.0 X 165.0 X 253.8</p>

Clavicle Fx	41-year-old male with nonunited fracture of left clavicle -Diffuse dermal thickening within left supraclavicular region -Nonunited fracture of left clavicle -Small subcutaneous nodules along posterior neck, back, anterior upper arm, and left forearm Scan resolution (mm): 0.52 X 0.52 X 2.00 Scan size (mm): 268.0 X 268.0 X 628.0
Acromioclavicular Joint	Acromioclavicular joint anatomy -Minimal spurring of acromioclavicular joint -Slight irregularity of undersurface of right acromion and clavicle -Screw tract in right humeral head Scan resolution (mm): 0.91 X 0.91 X 1.00 Scan size (mm): 464.0 X 464.0 X 138.0
Fx Metacarpals	Multiple metacarpal fractures -Comminuted fractures of the 2nd, 3rd, and 4th metacarpals -Comminuted mildly displaced hamate fracture -Marked sts and dorsal subcutaneous emphysema Scan resolution (mm): 0.49 X 0.49 X 0.63 Scan size (mm): 252.0 X 252.0 X 268.1
Right Arm Angio	Angio of Right Arm Scan Resolution (mm): 0.57 X 0.57 X 2.00 Scan size (mm): 290.8 X 290.8 X 876.0
Left Hand Angio	Angio of Left Hand Scan Resolution (mm): 0.31 X 0.31 X 0.40 Scan size (mm): 158.2 X 158.2 X 226.0
Axilla Tumor	0186 Left Axillary Mass 0240 Shoulder Axilla Tumor 0082 Normal Shoulder
Fractured Clavicle	0076 Right Clavicle Fracture with Residual Screw Tract 0256 Nonunited Left Clavicle Fracture 0288 Normal Clavicle
Hand Fracture	0110 Scaphoid Fracture with Screw 0321 Metacarpal Fractures 0245 Normal Hand without Fracture
Hand Vascular	0155 Complex A-V Malformation 0186 Thumb Melanoma Vasculature 0245 Normal Hand Vasculature
Shoulder Joint	0239 Shoulder Joint Arthritis 0288 Minimal Osteophyte of Acromioclavicular Joint 0240 Normal Shoulder Joint
Male Pelvis	0678 Partial Small Bowel Obstruction 0679 Partial Small Bowel Obstruction 0688 Normal Male Pelvis
Wrists	0110 Scaphoid with Screw 0092 Scapholunate 0245 Hand with Contrast
Hand Vasculature	0245 Hand with Contrast 0155 Complex A-V Formation 1028 Left Hand Angio
Arm Vasculature	1027 Right Arm Angio 0155 Complex A-V Formation 0015 Arm Angio

Lower Limb Cases

CaseTitle	Description
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Knee Impact Fx	<p>17-year-old female with knee fracture</p> <ul style="list-style-type: none"> -Depressed impaction fracture of medial trochlea with large lipohemarthrosis -Loose body fracture fragment in medial compartment of knee <p>Scan resolution (mm): 0.29 X 0.29 X 0.63 Scan size (mm): 150.0 X 150.0 X 140.6</p>
Knee Tibial Fx	<p>52-year-old female with tibia fracture and titanium screw plate</p> <ul style="list-style-type: none"> -Osteotomy site relatively mature-appearing bone formation -Severe degenerative change in bilateral tibial and femoral compartments -Osteophytosis of patella <p>Scan resolution (mm): 0.29 X 0.29 X 1.25 Scan size (mm): 150.0 X 150.0 X 210.0</p>
Arthritic Knee	<p>Moderate cystic change of the tibiofibular joint</p> <ul style="list-style-type: none"> -Moderate degenerative joint disease involving medial compartment and patellofemoral joint -No evidence of fracture or medial or lateral meniscus tear <p>Scan resolution (mm): 0.27 X 0.27 X 0.63 Scan size (mm): 140.0 X 140.0 X 139.4</p>
Knee Tibial Fx	<p>Knee tibial fracture</p> <ul style="list-style-type: none"> -Comminuted fracture of lateral tibial plateau -Lipohemarthrosis <p>Scan resolution (mm): 0.27 X 0.27 X 0.63 Scan size (mm): 140.0 X 140.0 X 158.8</p>
Comminuted Femur Fx	<p>Comminuted femur fracture</p> <ul style="list-style-type: none"> -Osteochondroma of distal fibula -Femoral neck screws <p>Scan resolution (mm): 0.59 X 0.59 X 2.00 Scan size (mm): 300.0 X 300.0 X 928.0</p>
Knee-Likely Sarcoma	<p>12-year-old female with likely-knee sarcoma</p> <ul style="list-style-type: none"> -Large heterogeneous soft tissue mass adjacent to distal femur -Soft tissue edema and inflammation -Necrosis -Atypical fibrous dysplasia -Extensive Lymphedema <p>Scan resolution (mm): 0.42 X 0.42 X 0.70 Scan size (mm): 216.0 X 216.0 X 589.4</p>
Foot Talus Fx	<p>31-year-old male with comminuted fracture of talus</p> <ul style="list-style-type: none"> -Comminuted fracture of lateral process of talus -Lateral malleolar soft tissue swelling <p>Scan resolution (mm): 0.49 X 0.49 X 0.63 Scan size (mm): 253.0 X 253.0 X 286.3</p>
Foot Calcaneal Fx	<p>Right foot comminuted fracture of calcaneus</p> <ul style="list-style-type: none"> -Calcaneal fracture extension into calcaneocuboid joint, posterior sub-talar joint, and sustentaculum tali -Loss of calcaneal height -Small lateral fracture of anterolateral talus -Minimal displacement fracture along inferior cuboid <p>Scan resolution (mm): 0.51 X 0.51 X 0.70 Scan size (mm): 262.0 X 262.0 X 214.2</p>

Knee Replacements and Amputation	<p>Total knee arthroplasty and amputation</p> <ul style="list-style-type: none"> -Muscular atrophy of left limb from disuse -Diminutive left lower extremity arteries -Atherosclerotic calcification without rate limiting stenosis of mid superficial femoral artery <p>Scan resolution (mm): 0.89 X 0.89 X 0.70 Scan size (mm): 458.0 X 458.0 X 852.6</p>
Ankle Fx-Subluxation	<p>Comminuted ankle fracture</p> <ul style="list-style-type: none"> -Comminuted fracture of talar neck with significant subluxation of subtalar joint -Avulsion fracture of posterolateral malleolus <p>Scan resolution (mm): 0.42 X 0.42 X 0.85 Scan size (mm): 209.0 X 209.0 X 268.2</p>
Tibia Fibula Fx	<p>Tibia fibula fractures</p> <ul style="list-style-type: none"> -Status post external fixation hardware of right lower extremity <p>Scan resolution (mm): 0.69 X 0.69 X 0.63 Scan size (mm): 351.0 X 351.0 X 525.6</p>
Foot Anatomy	<p>Normal foot anatomy</p> <ul style="list-style-type: none"> -Cadaver foot <p>Scan resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 191.0 X 125.0 X 352.5</p>
Knee and Foot Runoff	<p>Knee and foot runoff</p> <ul style="list-style-type: none"> -Lower extremity healed fracture -Severe calcification in right distal popliteal artery -Bursitis in right calcaneus and talus bone from old fracture -Screw of right toe <p>Scan resolution (mm): 0.74 X 0.74 X 0.63 Scan size (mm): 380.0 X 380.0 X 661.9</p>
Leg Runoff, Venous Phase	<p>Leg venous runoff</p> <ul style="list-style-type: none"> -Varicose veins <p>Scan resolution (mm): 0.84 X 0.84 X 0.63 Scan size (mm): 431.0 X 431.0 X 678.8</p>
Ankle Fx	<p>Distal right tibia fracture, multiple intra-articular fracture fragments</p> <ul style="list-style-type: none"> -Bilateral comminuted intra-articular fractures of distal tibia -Comminuted mid to distal right fibular fracture -Nondisplaced right posterior talus fracture <p>Scan resolution (mm): 0.29 X 0.29 X 0.70 Scan size (mm): 150.0 X 150.0 X 247.1</p>
Ankle Open Dislocation	<p>25-year-old female with post open tibiotalar dislocation</p> <ul style="list-style-type: none"> -Soft tissue swelling around right ankle with SQ emphysema -Radiopaque material around flexor and peroneal fascia <p>Scan resolution (mm): 0.42 X 0.42 X 0.63 Scan size (mm): 215.0 X 215.0 X 265.6</p>
Lower Limb Runoff	<p>Lower Limb runoff</p> <p>Scan resolution (mm): 0.70 X 0.70 X 1.25 Scan size (mm): 360.0 X 360.0 X 1115.0</p>

Femoral Artery Angio	Angio of femoral artery, decent definition of muscles, includes pelvis all the way to feet Scan Resolution (mm): 0.81 X 0.81 X 1.00 Scan size (mm): 413.0 X 413.0 X 1128.0
Lower Body Angio	Angio, good muscle and bone definition, good kidney and liver visibility, abnormal common iliac vessels Scan Resolution (mm): 0.79 X 0.79 X 1.00 Scan size (mm): 405.0 X 405.0 X 1333.0
Right Flat Foot Angio	Right foot, angio, pes planar Scan Resolution (mm): 0.38 X 0.38 X 1.00 Scan size (mm): 291.0 X 291.0 X 104.0
Left Claw Foot Angio	Left foot, good angio, claw foot Scan Resolution (mm): 0.29 X 0.29 X 1.00 Scan size (mm): 222.0 X 222.0 X 131.0
Both Feet Angio	Both feet, angio Scan Resolution (mm): 0.29 X 0.29 X 1.00 Scan size (mm): 226.0 X 226.0 X 215.0
Clubfoot Angio	Angio, good definition of vessels and bone, clubfoot, hammer toes of the second, third, fourth, and fifth toe (both feet) Scan Resolution (mm): 0.38 X 0.38 X 0.50 Scan size (mm): 394.0 X 394.0 X 183.5
Right Foot Fracture Angio	Right foot, good definition of muscle, angio, fracture on second, third, and fourth metatarsal, feet swollen Scan Resolution (mm): 0.61 X 0.61 X 0.75 Scan size (mm): 314.0 X 314.0 X 187.5
Left Foot Angio	Left foot, good angio, medial cuneiform does not line up to navicular bone, first toe is pushed out Scan Resolution (mm): 0.60 X 0.60 X 1.00 Scan size (mm): 307.0 X 307.0 X 146.0
Right Foot Angio	Very good angio, good bone, abnormalities in position and size of the navicular bone, the three cuneiforms, and cuboid bone, claw toe Scan Resolution (mm): 0.38 X 0.38 X 0.45 Scan size (mm): 292.0 X 292.0 X 216.9
Left Foot with Joined Metatarsals	No angio, good definition of muscles, joining of second and third metatarsals Scan Resolution (mm): 0.36 X 0.36 X 1.00 Scan size (mm): 183.0 X 183.0 X 289.0
Plantar Fasciitis	The indication for this exam was to evaluate known chronic right-sided plantar fasciitis. Scan Resolution (mm): 0.14 X 3.09 X 1.38 Scan Size (mm): 120.5 X 157.8 X 136.2
Fractured Lower Leg	Scan Resolution (mm): 0.90 X 0.90 X 1.00 Scan Size (mm): 463.0 X 463.0 X 334.0
Bone Anomaly of the Knee	Scan Resolution (mm): 0.67 X 0.67 X 1.00 Scan Size (mm): 345.0 X 345.0 X 274.0
Lower Limb (24-year-old female)	
Lower Limb (47-year-old Female)	
Ankle Fracture	0289 Comminuted Tibia Fracture with External Fixation Device 0216 Comminuted Talus Fracture with Lateral Subluxation 0247 Normal Ankle
Foot Fracture	0120 Calcaneus Fx 0113 Talus Fx 0247 Normal Foot
Knee Joint	0040 Lipohermathrosis 0074 Knee Arthritis 0362 Knee Normal

Knee Tibia Fracture	0073 Knee Tibial Fracture Titanium Screw Plate 0069 Knee Tibial Fracture 0362 Knee Normal
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Animal Cases

CaseTitle	Description
Sliced Mouse	RGB Scan Resolution (mm): 0.04 X 0.04 X 0.05 Scan Size (mm): 103.7 X 61.7 X 24.2
Mouse with Contrast	Scan resolution (mm): 0.05 X 0.05 X 0.05 Scan size (mm): 44.8 X 19.7 X 41.9
Equine Foot Knee	Scan resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 237.0 X 191.8 X 558.9
Pig Heart Attack	Swine -Area of necrosis near LAD Scan resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 257.7 X 257.7 X 148.0
Calf with Two Heads	Calf with two heads -Three-eyed, dual mouthed calf Scan resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 257.1 X 257.1 X 192.3
Dog	Scan resolution (mm): 0.52 X 0.52 X 0.60 Scan size (mm): 267.0 X 183.0 X 597.6
Mouse Full Body	Scan resolution (mm): 0.10 X 0.10 X 0.10 Scan size (mm): 69.7 X 24.9 X 119.6
Tortoise	Scan resolution (mm): 0.98 X 0.98 X 2.50 Scan size (mm): 500.0 X 500.0 X 717.5
Owl	Scan resolution (mm): 0.19 X 0.19 X 0.62 Scan size (mm): 96.0 X 96.0 X 70.0
Parrot	Scan resolution (mm): 0.39 X 0.39 X 0.63 Scan size (mm): 198.0 X 198.0 X 270.0
Sugarglider Skull	Vulpine Phalanger (Trichosurus Vulpecula) Scan Resolution (mm): 0.24 X 0.24 X 0.24 Scan size (mm): 120.5 X 120.5 X 96.7
Oppossum Skull	Opossum (Didelphis Marsupialis) Scan Resolution (mm): 0.25 X 0.25 X 0.25 Scan size (mm): 129.3 X 129.3 X 78.8
Horse Skull	Horse Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 244.5 X 319.4 X 580.0
Beaver Skull	Beaver (Castor canadensis) Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 257.1 X 257.1 X 192.3
Penguin Skull	Penguin (order Sphenisciformes, family Spheniscidae) Scan Resolution (mm): 0.32 X 0.32 X 0.32 Scan size (mm): 164.4 X 164.4 X 99.9
Horse Arthritic Limb	Horse Scan Resolution (mm): 0.45 X 0.45 X 1.25 Scan size (mm): 231.0 X 231.0 X 257.5
Pelican Beak	Pelican Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 257.1 X 257.1 X 192.3
Whitefoot Rabbit	Whitefoot Rabbit Scan Resolution (mm): 0.38 X 0.38 X 0.38 Scan size (mm): 195.0 X 158.4 X 485.0

Tortoise - Pokey	Turtle Scan Resolution (mm): 0.68 X 0.68 X 0.68 Scan size (mm): 346.0 X 281.1 X 372.5
Swine - 7783	Pig Scan Resolution (mm): 0.95 X 0.95 X 1.25 Scan size (mm): 486.0 X 468.0 X 1301.3
Swine - 7755 - with contrast	Pig Scan Resolution (mm): 0.89 X 0.89 X 0.63 Scan size (mm): 456.0 X 439.1 X 1458.8
Canine - Kobe	Dog Scan Resolution (mm): 0.79 X 0.79 X 0.63 Scan size (mm): 405.0 X 329.1 X 1241.3
Canine - Blazer	Dog Scan Resolution (mm): 0.74 X 0.74 X 0.63 Scan size (mm): 379.0 X 379.0 X 1268.8
Canine - Angel	Dog Scan Resolution (mm): 0.78 X 0.78 X 0.63 Scan size (mm): 399.0 X 399.0 X 940.6
Sheep	Sheep Scan Resolution (mm): 1.13 X 1.13 X 1.25 Scan size (mm): 578.0 X 578.0 X 1806.3
Horse Hoof - Split Open	Horse Scan Resolution (mm): 0.33 X 0.33 X 0.63 Scan size (mm): 170.0 X 170.0 X 315.0
Horse Hoof - Diseased	Horse Scan Resolution (mm): 0.60 X 0.60 X 0.63 Scan size (mm): 309.0 X 309.0 X 450.6
Horse Hoof - Split Closed	Horse Scan Resolution (mm): 0.29 X 0.29 X 0.63 Scan size (mm): 146.0 X 146.0 X 323.1
Horse Skull - Mare	Horse Scan Resolution (mm): 0.61 X 0.61 X 0.63 Scan size (mm): 311.0 X 311.0 X 485.0
Chimp Skull	Chimp Scan Resolution (mm): 0.33 X 0.33 X 0.33 Scan size (mm): 188.8 X 154.4 X 159.1
Domestic Cat	Cat Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 257.4 X 257.4 X 122.2
Horse Skull	Horse Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 244.5 X 319.4 X 580.0
Dog Skull	Dog Scan Resolution (mm): 10.00 X 10.00 X 10.00 Scan size (mm): 512.0 X 512.0 X 8250.0
Pig Head	Pig Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 257.4 X 257.4 X 192.0

Mastadon Tooth	Mastadon Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 257.1 X 257.1 X 192.3
Gorilla Hand	Gorilla Scan Resolution (mm): 0.29 X 0.29 X 0.29 Scan size (mm): 150.3 X 150.3 X 116.0
Gorilla Knee	Gorilla Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 257.4 X 257.4 X 192.0
Gorilla Foot	Gorilla Scan Resolution (mm): 0.50 X 0.50 X 0.51 Scan size (mm): 257.4 X 257.4 X 194.8
Tiger Skull	Tiger Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 274.0 X 277.0 X 421.8
Alligator Skull	Alligator Scan Resolution (mm): 0.50 X 0.50 X 0.50 Scan size (mm): 263.9 X 295.1 X 517.8
Dog	RGB Scan Resolution (mm): 0.3 X 0.3 X 1.00 Scan Size (mm): 460.2 X 234.6 X 711.0
Cat	RGB Scan Resolution (mm): 0.3 X 0.3 X 1.00 Scan Size (mm): 210.0 X 270.0 X 581.0
Horse Hoof	0447 Horse Hoof Split Open 0448 Horse Hoof Diseased 0449 Horse Hoof Split Closed
Rodent Skulls	0372 Opossum Skull 0371 Sugarglider Skull 0374 Beaver Skull
Cave-dwelling Centipede	Scan Resolution (mm): 0.02 X 0.02 X 0.02 Scan Size (mm): 10.8 X 10.5 X 30.0

Mummy Cases

CaseTitle	Description
Crocodile Mummy	2,200-year-old Egyptian crocodile mummy Scan resolution (mm): 0.90 X 0.90 X 1.20 Scan size (mm): 245.7 X 245.7 X 1766.4
Mummy Akhmim	Egyptian mummy -From 500 BC Egypt Scan resolution (mm): 0.50 X 0.50 X 1.20 Scan size (mm): 273.6 X 258.5 X 1693.2
Child Mummy	Child mummy -2000 year old Scan resolution (mm): 0.43 X 0.43 X 0.75 Scan size (mm): 217.7 X 217.7 X 975.0

Embryology Cases

CaseTitle	Description
Embryo Stage 13	Scan Resolution (mm): 0.039 X 0.039 X 0.039 Scan size (mm): 10.0 X 10.0 X 5.7
Embryo Stage 14	Scan Resolution (mm): 0.039 X 0.039 X 0.039 Scan size (mm): 10.0 X 10.0 X 6.5

Embryo Stage 15	Scan Resolution (mm): 0.055 X 0.055 X 0.055 Scan size (mm): 14.1 X 14.1 X 7.6
Embryo Stage 16	Scan Resolution (mm): 0.062 X 0.062 X 0.062 Scan size (mm): 15.9 X 15.9 X 9.4
Embryo Stage 17	Scan Resolution (mm): 0.07 X 0.07 X 0.07 Scan size (mm): 17.9 X 17.9 X 13.2
Embryo Stage 18	Scan Resolution (mm): 0.078 x 0.078 x 0.078 Scan size (mm): 20.0 X 20.0 X 15.6
Embryo Stage 19	Scan Resolution (mm): 0.084 X 0.084 X 0.084 Scan size (mm): 21.5 X 21.5 X 17.2
Embryo Stage 20	Scan Resolution (mm): 0.12 X 0.12 X 0.12 Scan size (mm): 30.7 X 30.7 X 20.2
Embryo Stage 22	Scan Resolution (mm): 0.141 X 0.141 X 0.141 Scan size (mm): 36.1 X 36.1 X 26.9
Embryo Stage 23	Scan Resolution (mm): 0.156 X 0.156 X 0.156 Scan size (mm): 39.9 X 39.9 X 34.0
Embryo Stage 13-23	Scan Resolution (mm): 0.04 X 0.04 X 0.04 Scan size (mm): 13.3 X 125.9 X 36.4
Embryo Stages	2013 Embryo Stage 13 2020 Embryo Stage 20 2023 Embryo Stage 23

4D Cases

CaseTitle	Description
4D Embryo	Stages 13-23
4D - Kidney (Ectopic)	Animated MR scan of an ectopic kidney Scan resolution (mm): 1.09 X 2.60 X 1.09 Scan size (mm): 280.0 X 88.4 X 280.0
4D - Kidney (Hydroureteronephrosis)	Animated MR scan of kidneys undergoing hydroureteronephrosis. Scan resolution (mm): 1.02 X 2.60 X 1.02 Scan size (mm): 260.0 X 88.4 X 260.0
4D - Heart	Animated CT scan of heart. Scan resolution (mm): 0.23 X 0.23 X 0.40 Scan size (mm): 117.0 X 117.0 X 78.4
4D - Lungs	Animated scan of tracer objects filling lungs. Scan resolution (mm): 3.28 X 3.28 X 3.28 Scan size (mm): 420.0 X 420.0 X 420.0
4D Cardiac Scan	Animated CT scan of heart. Scan Resolution (mm): 0.40 X 0.40 X 0.40 Scan Size (mm): 203.0 X 203.0 X 130.2