

**1 Skull**

Lines of Projection . . . . .	2	Chin: Ventrodorsal (AP) Projection . . . . .	20
Skull: PA . . . . .	4	Nasal Bones: Lateral Projection . . . . .	22
Skull: Lateral Projection . . . . .	6	Zygomatic Arch . . . . .	24
Paranasal Sinuses: Occipitomen- tal Projection . . . . .	8	Occiput View, Towne Position Comparison View of the Petrous Bones: Altschul Position . . . . .	27
Paranasal Sinuses: Occipitofrontal (PA) Projection . . . . .	10	Cranial Base: Axial Projection (Rundström IV and Hirtz Technique) . . . . .	30
Orbits: PA Projection . . . . .	12	Petrous Bones: Schüller Position . . . . .	32
Orbits: Rhese Projection . . . . .	14	Petrous Bones: Stenvers Position . . . . .	34
Mandible: Clementschitsch Projection (PA Projection) . . . . .	16	Petrous Bones: Mayer Position . . . . .	36
Mandible: Lateral Projection . . . . .	18	Sella: Lateral Projection . . . . .	38

**2 Spine**

Cervical Spine: AP Projection . . . . .	40	Lumbar Spine: Lateral Projection . . . . .	58
Cervical Spine: AP, Sitting, Lower Jaw Moving . . . . .	42	Lumbar Spine: Oblique Projection, Recumbent . . . . .	60
Cervical Spine: Lateral Projection, Seated Erect . . . . .	44	Lumbar Spine: Functional Studies . . . . .	62
Cervical Spine: Oblique Projection, Seated Erect . . . . .	46	Pelvis: AP, Standing . . . . .	64
Cervical Spine: Functional Views (Flexion and Extension) . . . . .	48	Iliac Wings (Letournel Projection) of the Pelvis . . . . .	66
Cervicothoracic Region . . . . .	50	Obturator View of the Pelvis . . . . .	68
Thoracic Spine: AP Projection . . . . .	52	Sacroiliac Joints: Oblique Projection . . . . .	70
Thoracic Spine: Lateral Projection . . . . .	54	Sacroiliac Joints: AP Projection . . . . .	72
Lumbar Spine: AP Projection . . . . .	56	Sacrum: AP Projection . . . . .	74
		Sacrum and Coccyx: Lateral Projection . . . . .	76

**3 Upper Extremity**

Bony Hemithorax: AP, PA, Oblique . . . . .	78	Clavicle: AP, Upright Position . . . . .	88
Sternum: PA (Oblique Projection) . . . . .	82	Clavicle: Oblique (Tangential) Projection . . . . .	90
Sternum: Lateral Projection . . . . .	84	Acromioclavicular Joint: AP Projection . . . . .	92
Acromioclavicular Joints, Bilateral: AP Projection with Weight Bearing . . . . .	86		

Scapula: AP Projection . . . . .	94	Forearm: AP Projection. . . . .	128
Scapula: Profile View (Lateral Projection) . . . . .	96	Forearm: Lateral Projection. . . . .	130
Shoulder Joint: AP Projection . . . . .	100	Hand: Dorsovolar (PA) Projection . . .	132
Shoulder Joint: Axial Projection . . . . .	106	Hand: Oblique Projection. . . . .	134
Shoulder Joint: Tangential Projection	108	Hand: Lateral Projection. . . . .	136
Humerus: AP Projection. . . . .	112	Wrist Joint: Dorsovolar (PA) Projection. . . . .	138
Humerus: Lateral Projection. . . . .	114	Wrist Joint: Lateral Projection . . . . .	140
Shoulder: Lateral Transthoracic Projection. . . . .	118	Carpal Tunnel. . . . .	142
Elbow Joint: AP Projection. . . . .	120	Navicular Bone: Four Views. . . . .	144
Elbow Joint: Lateral Projection. . . . .	122	Special View of the Pisiform Bone. . .	148
Elbow Joint: Axial Projection (Ulnar Sulcus) . . . . .	124	Metacarpus: Oblique Projection. . . . .	150
Special Views of the Radial Head and of the Coronoid Process of the Ulna. .	126	Fingers: Dorsovolar (PA) Projection. .	152
		Fingers: Lateral Projection. . . . .	154
		Thumb: Volodorsal (AP) Projection. .	156
		Thumb: Lateral Projection. . . . .	158

## 4 Lower Extremity

Hip: AP Projection . . . . .	160	Ankle Joint: AP Projection . . . . .	190
Hip Joint: Axial, Lauenstein Projection. . . . .	162	Ankle Joint: Lateral Projection . . . . .	192
Femoral Head: Contour View, Schneider Projection. . . . .	165	Ankle Joint: Oblique Projection (Internal and External Rotation) . . . .	194
Hip: Axial Projection. . . . .	168	Stress Views of the Ankle. . . . .	196
Femur: AP Projection. . . . .	170	View of the Entire Foot . . . . .	198
Femur: Lateral Projection. . . . .	172	Foot: Lateral Projection. . . . .	200
Knee Joint: AP Projection . . . . .	174	Calcaneus: Lateral Projection . . . . .	202
Knee Joint: Lateral Projection . . . . .	176	Calcaneus: Axial Projection. . . . .	204
Tunnel View of the Knee Joint. . . . .	178	Forefoot (Midfoot): Dorsoplantar Projection. . . . .	206
Knee: AP and Lateral Stress Studies. .	180	Foot: Oblique Projection. . . . .	208
Patella: Défilé View . . . . .	182	Great Toe: Dorsoplantar Projection. .	210
Lower Leg: AP Projection . . . . .	184	Toe: Lateral Projection . . . . .	212
Lower Leg: Lateral Projection . . . . .	186		
Posterior Foot and Lower Leg Standing, Alignment View . . . . .	188		

## 5 Other Noncontrast Diagnostic Studies

Chest: PA Projection. . . . .	214	Abdomen: Supine Position . . . . .	222
Chest: Lateral Projection . . . . .	216	Abdomen: Lateral Decubitus Position	224
Chest: Oblique Positions. . . . .	218	Cholecystography. . . . .	226
Abdomen: Upright Projection. . . . .	220	Mammography . . . . .	228

## 6 Gastrointestinal Examinations

Upper Gastrointestinal Tract. . . . .	234	Colon: Contrast Enema Examination	241
Small Bowel Series:			
Double-Contrast Studies . . . . .	238		

## 7 Intravenous Examinations

Intravenous Pyelogram. . . . .	245	Galactography. . . . .	248
--------------------------------	-----	------------------------	-----

## 8 Angiographies

Digital Subtraction Angiography of the Cervical Vessels:		DSA of Cervical Vessels:	
Peripheral Venous Injection . . . . .	250	Intra-arterial Approach. . . . .	255
DSA of Cervical Vessels:		Peripheral Angiography of the	
Central Venous Injection . . . . .	252	Pelvis and Lower Extremities . . . . .	258
		Venogram of the Leg . . . . .	262

## 9 Computed Tomography

Planes in Computed Tomography . . .	265	CT of the Lumbar Spine	
CT of the Head. . . . .	266	(or Thoracic Spine). . . . .	300
CT of the Neck. . . . .	268	CT of the Lumbar Spine	
CT of the Chest . . . . .	272	(or Thoracic Spine), Spiral . . . . .	304
CT of the Upper Abdomen . . . . .	276	CT of the Extremities. . . . .	307
Combined Abdominal CT . . . . .	280	CT of the Extremities,	
CT of the Abdomen . . . . .	284	High Resolution . . . . .	310
Combined Abdominal and Pelvic CT.	288	CT Angiography of the	
CT of the Pelvis . . . . .	292	Thoracic Vessels . . . . .	314
CT of the Cervical Spine . . . . .	296	CT Angiography of the Abdominal	
		Vessels. . . . .	317

## 10 Magnetic Resonance Imaging

MRI of the Neurocranium .....	320	MRI of the Pelvis.....	348
MRI of the Cervical Spine.....	330	MRI of the Shoulder.....	354
MRI of the Lumbar Spine .....	335	MRI of the Hip.....	357
MRI of the Chest .....	341	MRI of the Knee .....	360
Upper Abdominal MRI (Liver).....	344		
List of Abbreviations .....	363	References .....	369
Glossary .....	364	Index .....	371