

152116

Direct Diagnosis in Radiology

Spinal Imaging

H. Imhof, et al.

Dx-Direct!

 **Thieme**

1 Congenital Malformations

Christina Mueller-Mang, Daniela Prayer, Klaus M. Friedrich, Michael Matzner

Arnold–Chiari Malformation	1	Vertebral Malformations	21
Lumbarization and Sacralization ..	4	Klippel–Feil Syndrome	26
Diastematomyelia	6	Kyphosis	29
Tethering	9	Scheuermann Disease	33
Sacrococcygeal Teratoma	13	Scoliosis	36
Meningocele, Myelomeningocele .	16	Malrotation	40

2 Trauma

Christina Mueller-Mang, Daniela Prayer, Klaus M. Friedrich, Florian Wolf,
Michael Matzner, Herwig Imhof

Spinal Injury—		Hangman's Fracture	63
Magerl Classification	43	Spinal Cord Trauma	66
Vertebral Fractures—Causes	45	Syringohydromyelia	69
Dens Fracture	48	Anterior Subluxation	73
Flexion Fracture of the		Insufficiency Fracture	
Cervical Spine	51	of the Sacrum	76
Burst Fracture of the Spine	54	Stress Phenomena in the Spine	79
Chance Fracture		Stress Fractures in Ankylosing	
(Seat Belt Fracture)	58	Spondylitis	83
Jefferson Fracture	60		

3 Degenerative Disorders

Iris-Melanie Noebauer-Huhmann, Benjamin Halpern, Michael Matzner, Herwig Imhof

Disk Degeneration	87	Facet Joint Degeneration	111
Degenerative Disk Disease—		Uncovertebral Osteoarthritis	116
Modic I	90	Synovial Cyst	118
Degenerative Disk Disease—		Hypertrophy of the	
Modic II	93	Ligamenta Flava	120
Spondylosis Deformans—		Baastrup Disease	121
Modic III	96	Spondylolisthesis and	
Disk Herniation	100	Pseudospondylolisthesis	123
Bulge, Protrusion, Extrusion,		Degenerative Spinal Stenosis	126
Sequestration	103	Diffuse Idiopathic Skeletal	
Disk Calcification and		Hyperostosis	131
Vacuum Phenomenon	108		

4 Inflammatory Disorders

*Christina Mueller-Mang, Daniela Prayer, Andreas M. Herneth,
Oliver Sommer, Michael Matzner, Herwig Imhof*

Rheumatoid Arthritis	133	Acute Bacterial Spondylitis	158
Rheumatoid Arthritis—		Tuberculous Spondylitis	166
Chronic Trauma	138	Epidural Abscess	172
Psoriatic Spondyloarthropathy ...	141	Granulomatous Inflammations of the Spinal Cord	175
Reiter Syndrome	144	Arachnoiditis	178
Ankylosing Spondylitis	147	Acute Transverse Myelitis	182
Ankylosing Spondylitis—		Spinal Multiple Sclerosis	186
Ligament Calcification and Bamboo Spine	152		
Ankylosing Spondylitis—			
Fractures	154		

5 Tumors

*Andreas M. Herneth, Christina Mueller-Mang, Daniela Prayer,
Michael Matzner, Herwig Imhof*

Hemangioma	190	Chordoma	226
Osteoid Osteoma	195	Ewing Sarcoma	229
Osteoblastoma	198	Lymphoma	232
Osteochondroma	201	Nerve Sheath Tumors	237
Aneurysmal Bone Cyst	204	Leptomeningeal and Intramedullary Metastases	240
Giant Cell Tumor	208	Meningioma	244
Langerhans Cell Histiocytosis ...	212	Ependymoma	248
Malignant Tumors	215	Astrocytoma	252
Bone Metastases	216	Hemangioblastoma	256
Multiple Myeloma	222		

6 Vascular Disorders

Christina Mueller-Mang, Daniela Prayer

Epidural Hematoma	259
Arteriovenous Malformation	262
Arterial Spinal Cord Infarction ..	266