

1 Ischemic Heart Disease

S. Miller, U. Kramer

Coronary Heart Disease (CHD)	1	Prinzmetal Angina	21
Unstable Angina Pectoris	7	Aortocoronary Bypass Surgery	23
Acute Myocardial Infarction (AMI) ..	10	Coronary Anomalies	26
Chronic Myocardial Infarction	13	Bland–White–Garland Syndrome ..	28
Ventricular Aneurysm	16	Kawasaki Syndrome	31
Syndrome X	19		

2 Heart Failure

R. Riessen

Acute Heart Failure	34	Heart Transplantation	40
Chronic Heart Failure	37		

3 Acquired Valvular Heart Diseases

U. Kramer

Aortic Stenosis	43	Tricuspid Insufficiency	64
Aortic Insufficiency	46	Combined Valvular Disease	67
Mitral Stenosis	49	Mitral Valve Prolapse (MVP)	70
Mitral Insufficiency	52	Prosthetic Heart Valves	73
Pulmonary Stenosis	55	Ross Aortic Valve Replacement ...	76
Pulmonary Insufficiency	58	Aortic Valve Reconstruction (AVR) ..	79
Tricuspid Stenosis	61		

4 Cardiomyopathy

S. Miller

Dilated Cardiomyopathy (DCM) ...	82	Apical Ballooning	96
Hypertrophic Cardiomyopathy (HCM)	85	Sarcoidosis	99
Arrhythmogenic Right Ventricular Cardiomyopathy	88	Amyloidosis	102
Restrictive Cardiomyopathy (RCM)	91	Hemochromatosis, Hemosiderosis	105
Unclassified Cardiomyopathies (ILNC)	94	Uremic Cardiomyopathy	108
		Toxic Cardiomyopathy	111

5 Inflammatory Heart Diseases

S. Miller

Myocarditis	114	Hypereosinophilic Syndrome (Loeffler Endocarditis)	126
Acute Pericarditis	117	Postinfarction Pericarditis, Dressler Syndrome	129
Constrictive Pericarditis	120		
Infectious Endocarditis	123		

6 Hypertension

R. Riessen

Arterial Hypertension	131	Acute Pulmonary Hypertension, Pulmonary Embolism	137
Chronic Pulmonary Hypertension	13-4		

7 Tumors and Other Masses

M. Fenchel

Thrombus	141	Angiosarcoma	161
Myxoma	144	Undifferentiated Sarcoma	164
Lipoma	147	Rhabdomyosarcoma	167
Fibroma	150	Lymphoma	169
Papillary Fibroelastoma	153	Pulmonary Artery Sarcoma	172
Pericardial Cyst	155	Mediastinal Tumors	174
Metastases	158		

8 Trauma

U. Kramer

Cardiac Contusion	177	Coronary Dissection	183
Aortic Rupture	180	Pulmonary Artery Rupture	185

9 Congenital Heart Diseases

M. Fenchel

Atrial Septal Defect (ASD)	188	Heterotaxy Syndrome	207
Ventricular Septal Defect (VSD) .	191	Tricuspid Atresia	209
Eisenmenger Syndrome	194	Truncus Arteriosus	212
Patent Ductus Arteriosus (PDA) .	196	Cor Triatriatum	214
Bicuspid Aortic Valve	198	Scimitar Syndrome	216
Coarctation of the Aorta	201	Atrioventricular Septal Defect (AVSD)	219
Aortic Arch Anomalies	204		

Ebstein Anomaly	222	Corrected Transposition of the Great Arteries (levo-TGA)	238
Tetralogy and Pentalogy of Fallot	225	Double-Outlet Right Ventricle (DORV)	241
Hypoplastic Left Heart Syndrome (HLHS, Single Ventricle)	229	Total Anomalous Pulmonary Venous Connection (TAPVC)	244
Pulmonary Atresia	232	Fontan Procedure	247
Transposition of the Great Arteries (dextro-TGA)	235	Blalock-Taussig Shunt	253

10 Diseases of the Great Vessels

U. Kramer

Aortic Aneurysm	255	Thoracic Outlet Syndrome (TOS) .	269
Aortic Ectasia	257	Takayasu Arteritis	272
Aortic Dissection	259	Two-Chamber Long-Axis View Parallel to the Septum, LV	277
Carotid Stenosis	263		
Subclavian Steal Syndrome	266		

11 Standard Views of the Heart

S. Miller

Where are Structures Located in the Chest Radiograph?	275	Four-Chamber View	281
Standard Views of the Heart: Overview	276	LVOT	283
Two-Chamber Long-Axis View Parallel to the Septum, LV	277	LVOT, "Three-Chamber View"	284
Short-Axis View	279	Two-Chamber Long-Axis View Parallel to the Septum, RV	285
		RVOT	286

12 Appendix

S. Miller

Normal Values (Adults)	288	Classification of Pulmonary Venous Drainage Patterns	297
Classification of Myocardial Segments	290	NYHA Criteria for Symptoms of Heart Failure	298
Segmental Divisions of the Coronary Arteries	292	Classification of Thoraco- abdominal Aortic Aneurysms	301

Index	304
--------------------	-----