

Contents

Technical Principles and Applications of Multislice Spiral CT	1
---	---

4-row Scanning

Head

Routine CCT.	16
Contrast-Enhanced CCT	18
Temporal Bone and Inner Ear	20
CTA Intracranial Aneurysm	22
Venous Sinus CTA.	24
Cerebral Perfusion	26

Neck

Routine Neck	28
Routine Sinuses	30
Sinus Tumors	32
Nasopharynx and Oropharynx	34
Larynx and Hypopharynx	36
CTA Carotids	38

Chest

Routine Chest and HR-Chest	40
Pulmonary Embolism	42
Combi Thorax.	44
CTA Aortic Arch	46

Heart

Coronary Artery Screening 48

CTA Bypasses 50

CTA Coronary Arteries 52

Abdomen

Routine Abdomen 54

Venous Upper Abdomen 56

Biphasic Abdomen 58

Biphasic Liver (Including CTAP) 60

CT Enteroclysis 62

Biphasic Pancreas 64

Routine Kidney 66

Renal Differential Diagnosis and Tumors. 68

Rectal Tumors 70

CTA Abdomen. 72

Spine

Cervical Spine 74

Thoracic Spine 76

Lumbar Spine 78

Peripherals

Wrist 80

Shoulder 82

Ankle. 84

Knee 86

Trauma. 88

Peripheral CTA 90

Interventions

Drainages.	92
Biopsies.	94
Sympaticolysis	96

16-row Scanning

Head

Routine CCT	100
Temporal Bone and Inner Ear	102
CTA Intracranial Aneurysm	104

Neck

Routine Neck.	106
Larynx and Hypopharynx	108
CTA Carotids.	110

Chest

Routine Chest	112
Pulmonary Embolism.	114
CTA Aortic Arch	116

Heart

Coronary Artery Screening	118
CTA Coronary Arteries	120

Abdomen

Routine Abdomen	122
CTA Abdomen	124

Spine

Spine 126

Peripherals

Peripheral CTA 128

References 131