

1. Record Nr.	UNINA9910133472003321
Autore	Mirvis Stuart E
Titolo	Problem Solving in Emergency Radiology [[electronic resource]] : Expert Consult - Online
Pubbl/distr/stampa	London, : Elsevier Health Sciences, 2014
ISBN	1-4557-5839-6
Descrizione fisica	1 online resource (595 p.)
Altri autori (Persone)	SotoJorge A ShanmuganathanK (Kathirkamanthan) YuJoseph KubalWayne S
Disciplina	616.07 616.0757
Soggetti	Diagnostic imaging Emergencies Radiology Disasters Diagnostic Techniques and Procedures Public Health Disease Attributes Environment and Public Health Pathologic Processes Environment Diagnosis Pathological Conditions, Signs and Symptoms Health Care Diseases Diagnostic Imaging Medicine Health & Biological Sciences Radiology, MRI, Ultrasonography & Medical Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.

Front Cover; IFC; Problem Solving in Emergency Radiology; Copyright; Dedications; Foreword; Preface; Contributors; Contents; Chapter 1 - Strategies for Reducing Radiation Exposure From Multidetector Computed Tomography in the Acute Care Setting; SYNOPSIS; INTRODUCTION; REDUCING RADIATION EXPOSURE: BEFORE THE SCAN; UNDERSTANDING THE X-RAY OUTPUT METRICS CTDIVOL AND DLP; REDUCING RADIATION EXPOSURE: DURING THE SCAN; CT PROTOCOL STRATEGIES TO REDUCE RADIATION EXPOSURE; REDUCING RADIATION EXPOSURE: AFTER THE SCAN; AFTER THE SCAN: CAPTURING AND MONITORING RADIATION DOSES; SUMMARY; References

Chapter 2 - Image Management in Emergency RadiologyBACKGROUND; PROBLEM SOLVING: REMAINING COMPLIANT WITH INFORMATION SECURITY STANDARDS; PROBLEM SOLVING: WORK-FLOW CHALLENGES WITH OUTSIDE IMAGES; PITFALL: INFORMAL CONSULTATIONS; OUTSIDE IMAGE INTERPRETATION: THE PROCESS; SUMMARY; Selected Reading;

SECTION I - Craniocerebral Orbital-Maxillo-Facial Emergencies;

Chapter 3 - Craniocerebral Trauma; Traumatic Brain Injury; IMAGING MODALITIES; CLASSIFICATION OF INJURY; SUMMARY; TECHNICAL ISSUES; SKULL BASE FRACTURES; ANTERIOR SKULL BASE; CENTRAL SKULL BASE; POSTERIOR SKULL BASE; TEMPORAL BONE DIAGNOSTIC PITFALLSCOMPLICATIONS ASSOCIATED WITH SKULL BASE INJURY; Selected Reading; Chapter 4 - Nontraumatic Brain Emergencies; Intracranial Hemorrhage; NONTRAUMATIC INTRACRANIAL HEMORRHAGE; Intracranial Infections; IMAGING STRATEGY; MENINGITIS; PYOGENIC INFECTIONS; SPECIFIC ENTITIES; IMMUNOCOMPROMISED PATIENTS; CEREBROVASCULAR COMPLICATIONS OF INFECTION; SUMMARY; Stroke; DEFINITION OF STROKE; IMAGING TOOLS AND OPTIONS; STROKE CENTERS AND CURRENT TREATMENT OPTIONS; RELEVANCE OF IMAGING IN STROKE; LANGUAGE AND GEOGRAPHY OF STROKE: KEY TO PROTOCOLS AND TRIAGE BRIEF PATHOPHYSIOLOGY OF ACUTE ISCHEMIC STROKEEARLIEST SIGNS OF ACUTE ISCHEMIC STROKE ON MAGNETIC RESONANCE IMAGING; GEOGRAPHY OF ISCHEMIC STROKE; IMAGING CORRELATES OF ACUTE STROKE SYNDROMES; EVOLUTION OF ACUTE THERAPIES AND CURRENT STROKE TRIALS; CONCLUSIONS AND OBSERVATIONS; CLINICAL PRESENTATION AND IMAGING APPROACH; TOOLS FOR DISCRIMINATION; COMMON INTRACRANIAL NEOPLASMS; NONNEOPLASTIC MASSES; PROBLEM SOLVING; Selected Reading;

Chapter 5 - Face and Neck Emergencies; Midfacial Trauma; INDICATIONS AND RATIONALE FOR REPAIR; THE BUTTRESS SYSTEM OF THE FACE; IMAGING TECHNIQUE

Traumatic Craniocervical Vascular InjuriesBLUNT CERVICAL ARTERIAL INJURIES; PENETRATING NECK TRAUMA; INTRACRANIAL VASCULAR INJURIES; FACIAL AND EXTRACALVARIAL CRANIAL ARTERIAL INJURIES; DIAGNOSTIC PITFALLS; DIGITAL SUBTRACTION ANGIOGRAPHY; Neck and Facial Infections; PROBLEM SOLVING AND GOALS FOR THE RADIOLOGIST; ANATOMY; PROBLEM SOLVING IN COMPLICATED ORBITAL AND SINOGENIC INFECTIONS; PROBLEM SOLVING IN THE UPPER LATERAL NECK AND FLOOR OF MOUTH INFECTIONS; PROBLEM SOLVING AROUND THE AIRWAY; Traumatic Orbital Emergencies; ANATOMY; ANTERIOR CHAMBER INJURIES; LENS INJURIES; OPEN-GLOBE INJURIES OCULAR DETACHMENT
