

1. Record Nr.	UNINA9910823613903321
Titolo	Handbook of stroke and neurocritical care [[electronic resource] /] / Vivien H. Lee, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2012
ISBN	1-61324-798-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (391 p.)
Collana	Neurology--laboratory and clinical research developments Cerebrovascular research and disorders
Altri autori (Persone)	LeeVivien H
Disciplina	616.8/1062
Soggetti	Cerebrovascular disease - Treatment Neurological intensive care
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- HANDBOOK OF STROKE AND NEUROCRITICAL CARE -- HANDBOOK OF STROKE AND NEUROCRITICAL CARE -- Contents -- Preface -- Normal Anatomy -- Arterial Anatomy -- Great Vessels -- Carotid Arteries -- Circle of Willis (Figure 6) -- Venous Anatomy -- References -- Ischemic Stroke - Epidemiology -- References -- Ischemic Stroke-Large-Artery Atherosclerosis -- Large Artery Atherosclerosis (LAA) -- Intracranial Atherosclerotic Stenosis (ICAS) -- Carotid Atherosclerosis -- Asymptomatic Carotid Stenosis -- Symptomatic Carotid Stenosis -- Carotid Stenting Studies -- Carotid Occlusion -- Cardiac issues and Carotid Disease -- Chapter Keypoints -- References -- Small Vessel Disease Occlusion -- References -- Ischemic Stroke - Cardioembolic -- Categories of Cardioembolic Stroke -- Dysrhythmias -- Structural -- Endocarditis -- Aortic Atheroma -- References -- Ischemic Stroke- Cryptogenic -- Key Points -- Introduction -- Etiologies -- Diagnostic Tests -- Prognosis and Management -- References -- Ischemic Stroke - Other Rare Causes -- Background -- Vasculitis- Primary CNS and Systemic Diseases -- Other Inflammatory Conditions -- Infectious Causes of Stroke -- Hereditary and Genetic Conditions -- Small Vessel Hereditary Conditions -- Heritable connective tissue disorders -- Mitochondrial Disorders -- Hematologic / Prothrombotic States -- Disorders of the Arterial Wall -- References -- Textbooks -- Ischemic Stroke - Acute Therapy (IV) --

Introduction -- NIHSS Standard Images -- Scoring of NIHSS in Special Populations -- Common Mistakes when Scoring and Performing the NIHSS -- Interpreting the NIHSS -- Initial Studies -- Imaging (in the order they would be considered in most Hospitals) -- Serum Studies -- Additional Non-Neurologic Imaging Studies -- Hour Window -- Common Misconceptions about IV tPA -- So you've decided to give IV tPA... -- Consent.

Elements to include when Seeking informed Consent -- Legal Pitfalls -- Dosing/Rate -- Monitoring -- Use of tPA in Special Populations -- When good Intentions aren't enough (Protocol Violations and Impact on Outcome) -- Risk of Spontaneous Intracerebral Hemorrhage -- Drip and Ship/Telemedicine -- Future Directions in Research:

Neuroprotective Therapy -- References -- Ischemic Stroke Acute Treatment Intraarterial Therapy -- References -- Ischemic Stroke in Hospital Management -- Key Points -- Non-Thrombolytic Treatment -- Blood Pressure Management in Ischemic Stroke Patients -- Stroke Units -- Prevention and Detection of Medical Complications -- Cardiac Complications -- Fevers and Infections -- Hematologic Complications -- Deep Venous Thrombosis (DVT) and Pulmonary Embolism (PE) -- GI Bleeding -- GI Complications -- Dysphagia -- Nutrition -- Hyperglycemia and Hypoglycemia -- Surgical Treatment of Ischemic Stroke -- Box Ongoing and Upcoming Clinical Trials -- References -- Ischemic Stroke- Secondary Stroke Prevention -- Anti-Platelet Medications -- Anti-Coagulants -- Surgery- Carotid Stenosis- CEA (See Chapter 3) -- Vascular Risk Factor Modification -- References -- Intracerebral Hemorrhage -- Incidence -- Etiology -- Clinical Features -- Diagnosis -- Management -- Outcomes -- Research -- References -- Subarachnoid Hemorrhage -- Epidemiology -- Risk Factors -- Diagnosis of Asah -- Clinical Features -- Imaging -- Cerebrospinal Fluid Analysis -- Conventional Four-Vessel Angiography -- Grading Scales -- Management of Asah (Figures 1 and 2) -- Control of Intracranial Pressure (ICP) -- Prevention of Re-Bleeding -- Prevention and Treatment of Delayed Cerebral Ischemia (DCI) -- Medical Complications -- Cardiopulmonary -- Hyponatremia -- Prognosis -- References -- Other Stroke Like Conditions -- Posterior Reversible Encephalopathy Syndrome (PRES).

Reversible Cerebral Vasoconstriction Syndrome (RCVS) -- Cerebral Venous Sinus Thrombosis (CVT) -- References -- Neuroimaging -- Abbreviations -- 15.1 Introduction -- Imaging Protocols -- MR -- Stroke has 4 Main Etiologies -- 15.2 Ischemic Stroke -- 15.2.1 CT Findings in Ischemic Stroke -- NECT -- Acute Stage 0-2 Days -- Subacute Stage 2-14 Days -- Chronic Stage (Months to Year) -- CECT -- CTA -- CTP -- 15.2.2. MR Findings in Ischemic Stroke -- Conventional MR Imaging -- Acute Stage -- Subacute Stage -- Chronic Stage -- MRA -- DWI -- PWI -- Comparison of DWI and PWI Abnormalities -- 15.2.3 Strokes in Specific Vascular Distributions -- Supratentorial Infarcts -- Infratentorial Infarcts -- 15.3 Intraparenchymal Hemorrhage -- 15.3.1 Evolution of Intracranial Hemorrhage on CT -- 15.3.2 Evolution of Intracranial Hemorrhage on MR -- 15.3.3 Causes of Spontaneous Nontraumatic Intracerebral Hemorrhage -- 15.4 Nontraumatic Subarachnoid Hemorrhage -- 15.4.1 Etiologies of Nontraumatic Subarachnoid Hemorrhage -- 15.4.2 Aneurysmal Subarachnoid Hemorrhage (SAH) -- 15.4.3 Benign Perimesencephalic Hemorrhage -- 15.4.4 "Pseudo-Subarachnoid Hemorrhage" -- 15.5 Venous Infarction -- 15.5.1 Dural Sinus Thrombosis -- 15.5.2 Cortical Venous Thrombosis -- 15.5.3 Deep Cerebral Venous Thrombosis -- 15.6 Imaging Arterial Dissection -- 15.6.1 Intracranial Dissection -- 15.6.2 Extracranial Dissection --

References -- Neurosonology -- Background Physics and Principles --
Transcranial Doppler (TCD) -- Introduction -- TCD Examination
Technique [1] -- Transtemporal Window -- Transorbital Window --
Transoccipital Window -- Tcd Interpretation -- TCD Clinical
Applications -- Carotid Ultrasound -- References -- Cerebral Catheter
Angiography -- Performing the Catheter Cerebral Angiogram -- Spinal
Catheter Angiography -- References -- Pharmacology -- Intravenous
Antihypertensive Agents.
Clevidipine Butyrate Injectable Emulsion (Cleviprex®) -- Nicardipine
HCL Injection (Cardene®I.V.) -- Sodium Nitroprusside -- Nitroglycerin
-- Labetalol HCL -- Esmolol HCL (Brevibloc®) -- Hydralazine --
Enalaprilat -- Antiplatelet Agents -- Aspirin -- Clopidogrel (Plavix) --
Abciximab (ReoPro) -- Prasugrel (Effient) -- Anticoagulants --
Dabigatran Etexilate Mesylate (Pradaxa) -- Dalteparin (Fragmin®) --
Enoxaparin (Lovenox®) -- Warfarin (Coumadin®) -- Fibrinolysis --
Tissue Plasminogen Activator (TPA)/ Alteplase (Activase®) --
Hemostatic Agents -- Coagulation Factor VIIa (Recombinant) rFVIIa
(Novoseven®) -- Aminocaproic Acid (Amicar®) -- Phytonadione -
Vitamin K -- Protamine Sulfate -- Hyperosmotic Agents -- Mannitol --
Hypertonic Saline -- Anticonvulsant Agents -- Carbamazepine
(Tegretol®) -- Felbamate (Felbatol®) -- Fosphenytoin (Cerebryx®) --
Lacosamide (Vimpat®) -- Lamotrigine (Lamictal®) -- Levetiracetam
(Keppra®) -- Pentobarbital (Nembutal®) -- Phenobarbital -- Phenytoin
-- Topiramate (Topamax®) -- Valproic Acid/ Divalproex Sodium/
Valproate Sodium -- Zonisamide (Zonegran®) -- Aquaretics --
Conivaptan HCL (Vaprisol®) -- Tolvaptan (SAMSCA®) -- Acid-Inhibitors
-- Miscellaneous Agents -- Nimodipine (Nimotop®) --
Antihypertensive Agents -- Thiazide Diuretics -- Loop Diuretics --
Potassium-Sparing Diuretics -- Aldosterone Receptor Blockers --
Combination Diuretics -- Beta-Blockers -- Angiotensin Converting
Enzyme Inhibitors (ACE -Inhibitors) -- Angiotensin II Receptor Blockers
(ARBs) -- Dihydropyridine Calcium Channel Blockers -- Non-
Dihydropyridine Calcium Channel Blockers -- Alpha-Blockers --
Combined Alpha and Beta-Blockers -- Central Agonists -- Direct
Vasodilators -- Cholesterol Lowering Drugs -- Ezetimibe (Zetia®) --
ICU Opioid Analgesics and ICU Sedation - See Attached Charts --
Niacin (Niaspan®) -- References -- Index.
