Predilection Site of the CNS Lesions
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During more than a century of observations and experiences by neuro-scientists, involving a broad spectrum of neurosurgical procedures and diagnostic investigations, it became apparent very early that congenital malformations, degenerative, infectious, toxic, hypoxic, vascular and neoplastic lesions occur at specific predilection sites within certain compartments of the CNS. This postulate will be presented, discussed and illustrated with radiologic and clinical documentation.

Management of Perforators
Division of Neurological Surgery, Barrow Neurological Institute, St. Joseph’s Hospital and Medical Center, Phoenix, Arizona
Robert F. Spetzler, MD

Perforators are best defined as the small penetrating vessels that terminate in the deep substances of the brain and have minimal ability to provide collateral circulation. Surgeons are well acquainted with the perforators exiting the anterior communicating artery complex, middle cerebral artery, top of the basilar artery, and trunk of the basilar artery. This presentation discusses the management of these perforators and strategies to minimize their injury during surgery.