Management of Perforators

Robert F. Spetzler, M.D.
Division of Neurological Surgery, Barrow Neurological Institute,
St. Joseph’s Hospital and Medical Center

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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.