OPERATIVE TECHNIQUE

Superficial Temporal Artery: Distal Posterior Cerebral Artery Bypass through the Subtemporal Approach: Technical Note and Pilot Surgical Cases

Minimally Invasive Middle Fossa Keyhole Cranietectomy for Repair of Superior Semicircular Canal Dehiscence
Trieu Vanessa, Panayiotis E. Pelargos, Marko Spasic, Lawrance K. Chung, Brittany Voth, Nolan Ung, Quinton Gopen, Isaac Yang

INSTRUMENTATION AND TECHNIQUE

Reuse of a Reversed “Bone Pad” to Perforate Incompletely Penetrated Burr Holes Created by Automatic-Releasing Cranial Perforators
Yasuo Murai, Eitaro Ishisaka, Atsushi Tsukiyama, Shunsuke Nakagawa, Fumihiro Matano, Kojiro Tateyama, Akio Morita

TECHNIQUE ASSESSMENT

Real-time Magnetic Resonance Imaging-Guided Biopsy Using SmartFrame® Stereotaxis in the Setting of a Conventional Diagnostic Magnetic Resonance Imaging Suite
Justin K. Scheer, Thomas Hamelin, Leon Chang, Brian Lemkuil, Bob S. Carter, Clark C. Chen

The Interlenticulostriate Approach to Very High-Riding Distal Basilar Trunk Aneurysms
Ralph Rahme, Almaz Kurbanov, Jeffrey T. Keller, Todd A. Abruzzo, Lincoln Jimenez, Andrew J. Ringer, Ondrej Choutka, Mario Zuccarello

Sequential Extradural Release of the V3 Vertebral Artery to Facilitate Intradural V4 Vertebral Artery Reanastomosis: Feasibility of a Novel Revascularization Technique
Ali Tayebi Meybodi, Michael T. Lawton, Arnau Benet
Intraoperative Angiography for Arteriovenous Malformation Resection in the Prone and Lateral Positions, Using Upper Extremity Arterial Access

Quantitative Comparison of the Intraoperative Utility of Indocyanine Green and Fluorescein Videoangiographies in Cerebrovascular Surgery
Fumihiro Matano, Takayuki Mizunari, Yasuo Murai, Asami Kubota, Yu Fujiki, Shiro Kobayashi, Akio Morita

SURGICAL ANATOMY AND TECHNIQUE

The Endoscopic Endonasal Transmaxillary Approach to Meckel’s Cave Through the Inferior Orbital Fissure
Xin Zhang, Halima Tabani, Ivan El-Sayed, Matthew Russell, Xuequan Feng, Arnau Benet

Exposure of the External Carotid Artery Through the Posterior Triangle of the Neck: A Novel Approach to Facilitate Bypass Procedures to the Posterior Cerebral Circulation

Surgical Microanatomy of the Posterior Condylar Emissary Vein and its Anatomical Variations for the Transcondylar Fossa Approach
Nakao Ota, Rokuya Tanikawa, Tsutomu Yoshikane, Masataka Miyama, Takanori Miyazaki, Yu Kinoshita, Hidetoshi Matsukawa, Takeshi Yanagisawa, Fumihiro Sakakibara, Go Suzuki, Norhiro Saito, Shiro Miyata, Kosumo Noda, Toshiyuki Tsuboi, Rihei Takeda, Hiroyasu Kamiyama, Sadahisa Tokuda, Kyousuke Kamada

COMPLICATION

Postoperative Hematoma Requiring Recraniotomy in 1149 Consecutive Patients With Intracranial Tumors
Teruyoshi Kageji, Shinji Nagahiro, Yoshifumi Mizobuchi, Kohei Nakajima

SURGICAL VIDEO

Transcallosal-transchoroidal Fissure Approach for Resection of Third Ventricle Cavernous Malformation: 3-Dimensional Operative Video
Brian P Walcott, Jonathan D Breshears, Omar Choudhri, Michael T. Lawton

Lateral Orbitotomy Approach for Resection of Intraosseous Sphenoid Wing Meningioma: 3-Dimensional Operative Video
Joseph D. Chabot, S. Tonya Stefko, Juan C. Fernandez-Miranda

Management of a Ruptured Posterior Inferior Cerebellar Artery (PICA) Aneurysm With PICA–PICA In Situ Bypass and Trapping: 3-Dimensional Operative Video
Arnau Benet, Nicola Montemurro, Michael T. Lawton

Multicorridor Endoscopic Endonasal and Supraorbital Approach for Orbital Roof Meningioma: 3-Dimensional Operative Video
Joseph D. Chabot, S. Tonya Stefko, Carl Snyderman, Juan Carlos Fernandez-Miranda

Entire journal content can be viewed online at www.operativeneurosurgery-online.com
CASE SERIES

Preoperative Ultrasound-Guided Wire Localization of the Lateral Femoral Cutaneous Nerve
Amgad S. Hanna, Mark E. Ehlers, Kenneth S. Lee

TECHNICAL CASE REPORT

Tarlov Cyst Causing Sacral Insufficiency Fracture

Surgical Treatment of a Double Origin Posterior Inferior Cerebellar Artery Aneurysm and Insights
From Embryology: Case Report and Literature Review
Michael A. Silva, Alfred P. Sec, Mohammad A. Aziz-Sultan, Nirav J. Patel

CORRESPONDENCE

Letter: Preoperative Ultrasound-Guided Wire Localization of the Lateral Femoral Cutaneous Nerve
Amgad Hanna

DEPARTMENTS

Calendar of Events
Table of Contents by Topic