

## Neurosurgery Service

### Publications on scientific journals

[Validation of shunt dependency prediction scores after aneurysmal spontaneous subarachnoid hemorrhage.](#)

García-Armengol R, Puyalto de Pablo P, Misis M, Rodríguez-Hernández A, Julián JF, Pérez-Balaguero AC, Brugada-Bellsolà F, Menendez B, Cuadras P, Rimbau J. Acta Neurochir (Wien). 2021 Mar;163(3):743-751. doi: 10.1007/s00701-020-04688-w. Epub 2021 Jan 3.

[Growth prediction in asymptomatic meningiomas: the utility of the AIMSS score.](#)

Brugada-Bellsolà F, Teixidor Rodríguez P, Rodríguez-Hernández A, Garcia-Armengol R, Tardáguila M, González-Crespo A, Domínguez CJ, Rimbau JM. Acta Neurochir (Wien). 2019 Nov;161(11):2233-2240. doi: 10.1007/s00701-019-04056-3. Epub 2019 Sep 6.

[Clinical predictors of adverse events during continuous video-EEG monitoring in an epilepsy unit.](#)

Grau-López L, Jiménez M, Ciurans J, Gea M, Fumanal A, Cáceres C, García-Armengol R, Becerra JL. Epileptic Disord. 2020 Aug 1;22(4):449-454. doi: 10.1684/epd.2020.1177

[Women's role in neurosurgical research: is the gender gap improving?](#)

Pastor-Cabeza M, Torné R, García-Armengol R, Menéndez-Osorio B, Mosteiro-Cadaval A, Bollar A, Rimbau JM, Sarabia R, Rodríguez-Hernández A. Neurosurg Focus. 2021 Mar;50(3):E6. doi: 10.3171/2020.12.FOCUS20911

[Hydrocephalus and intracranial hypertension in a woman from Ecuador.](#)

Nieto-Moragas J, Carrato C, García-Armengol R, Fernández-Rivas G. Enferm Infecc Microbiol Clin (Engl Ed). 2019 Apr; 37(4):276-277. doi: 10.1016/j.eimc.2018.05.017. Epub 2018.

Combining H-FABP and GFAP increases the capacity to differentiate between CT-positive and CT-negative patients with mild traumatic brain injury.

Lagerstedt L, Egea-Guerrero JJ, Bustamante A, Rodríguez-Rodríguez A, El Rahal A, Quintana-Díaz M, García-Armengol R, Prica CM, Andereggen E, Rinaldi L, Sarrafzadeh A, Schaller K, Montaner J, Sanchez JC. PLoS One. 2018 Jul 9;13(7): e0200394. doi: 10.1371/journal.pone.0200394. eCollection 2018.

Influence of glioblastoma contact with the subventricular zone on survival and recurrence patterns.

Comas S, Luguera E, Molero J, Balaña C, Estival A, Castañer S, Carrato C, Hostalot C, Teixidor P, Villà S. Clin Transl Oncol. 2021 Mar;23(3):554-564. doi: 10.1007/s12094-020-02448-x. Epub 2020 Jul 29

Clinical studies of incidental intracranial meningiomas-towards high-quality evidence-based practice.

Brugada-Bellsolà F, Rodríguez PT, Rodríguez-Hernández A, Alonso CJD, Muñoz JR. Acta Neurochir (Wien). 2020 Mar;162(3):671-672. doi: 10.1007/s00701-020-04215-x. Epub 2020 Jan

Dural Venous Sinus Variations in Idiopathic Subarachnoid Hemorrhage: A New Indicator of the Venous Origin with Diagnostic Usefulness?

Brugada-Bellsolà F, González-Crespo A, Pastor-Cabeza M, Blanco Ibáñez de Opacua A, Remollo S, Anglada-Oliván M, Misis M, Domínguez CJ, Rimbau JM, Rodríguez-Hernández A. World Neurosurg. 2021 Dec;156:e266-e275. doi: 10.1016/j.wneu.2021.09.052. Epub 2021 Sep 20

Amateur Endurance Athletes: At Higher Risk of Suffering Dural Arteriovenous Fistulas? Report of 3 Cases.

Rodríguez-Hernández A, Torné R, Blanco Ibáñez de Opacua A, Brugada-Bellsolà F, Remollo S, Domínguez CJ, Rimbau JM. World Neurosurg. 2020 Aug;140:32-36. doi:

10.1016/j.wneu.2020.05.035. Epub 2020 May 11

Implications of Heterogeneity of Epithelial-Mesenchymal States in Acromegaly Therapeutic Pharmacologic Response.

Gil J, Marques-Pamies M, Valassi E, García-Martínez A, Serra G, Hostalot C, Fajardo-Montañana C, Carrato C, Bernabeu I, Marazuela M, Rodríguez-Lloveras H, Cámara R, Salinas I, Lamas C, Biagetti B, Simó-Servat A, Webb SM, Picó A, Jordà M, Puig-Domingo M. *Biomedicines*. 2022 Feb 16;10(2):460. doi: 10.3390/biomedicines10020460

Molecular characterization of epithelial-mesenchymal transition and medical treatment related-genes in non-functioning pituitary neuroendocrine tumors.

Gil J, Marques-Pamies M, Valassi E, Serra G, Salinas I, Xifra G, Casano-Sancho P, Carrato C, Biagetti B, Sesmilo G, Marcos-Ruiz J, Rodriguez-Lloveras H, Rueda-Pujol A, Aulinas A, Blanco A, Hostalot C, Simó-Servat A, Muñoz F, Rico M, Ibáñez-Domínguez J, Cordero E, Webb SM, Jordà M, Puig-Domingo M. *Front Endocrinol (Lausanne)*. 2023 Mar 22;14:1129213. doi: 10.3389/fendo.2023.1129213. eCollection 2023

Revisiting the UK Genetic Severity Score for NF2: a proposal for the addition of a functional genetic component.

Catasús N, Garcia B, Galván-Femenía I, Plana A, Negro A, Rosas I, Ros A, Amilibia E, Becerra JL, Hostalot C, Rocaribas F, Bielsa I, Lazaro Garcia C, de Cid R, Serra E, Blanco I, Castellanos E; NF2 Spanish National Reference Centre HUGTP-ICO-IGTP. *J Med Genet*. 2022 Jul;59(7):678-686. doi: 10.1136/jmedgenet-2020-107548. Epub 2021 Aug 4

Early Genetic Diagnosis of Neurofibromatosis Type 2 From Skin Plaque Plexiform Schwannomas in Childhood.

Castellanos E, Plana A, Carrato C, Carrió M, Rosas I, Amilibia E, Roca-Ribas F, Hostalot C, Castillo A, Ros A, Quer A, Becerra JL, Salvador H, Lázaro C, Blanco I, Serra E, Bielsa I; for CSUR Phakomatoses Multidisciplinary Clinics HUGTiP-ICO-IGTP. *JAMA Dermatol*. 2018 Mar 1;154(3):341-346. doi: 10.1001/jamadermatol.2017.5464.

Molecular determinants of enhanced response to somatostatin receptor ligands after debulking in large GH-producing adenomas.

Gil J, Marques-Pamies M, Jordà M, Fajardo-Montañana C, García-Martínez A, Sampedro M, Serra G, Salinas I, Blanco A, Valassi E, Sesmilo G, Carrato C, Cámara R, Lamas C, Casano-Sancho P, Alvarez CV, Bernabéu I, Webb SM, Picó A, Marazuela M, Puig-Domingo M; on behalf REMAH investigators.

Brain Metabolism Response to Intrahospital Transfers in Neurocritical Ill Patients: Does the Microdialysis Probe Location Matter?

Leire Pedrosa, Jhon Hoyos, Luis Reyes, Alejandra Mosteiro, Luigi Zattera, Thomaz Topczewski, Ana Rodríguez-Hernández, Sergio Amaro, Ramon Torné, Joaquin Enseñat. *Scientific Reports 2023, In Press*

“Funnel Shaped Anterior Communicating Artery Fenestration Mistaken for an Aneurysm: A Cautionary Tale”

Sebastián Menéndez-Girón, Carlos J. Dominguez, Ana Rodríguez-Hernández. *World Neurosurgery 2023, Aug;176:202-203*

Ethical challenges of Travel for Experimental Therapy in Malignant Brain Tumor Patients”

Manuela Vooijs, Faith C. Robertson, Gail Rosseau, Anastasia Tasiou, Ana Rodríguez-Hernández, Stiliana I. Mihaylova, Mary Murphy, Marike L. D. Broekman. *J Neurosurgery 2023, Jun 2:1-5*

Commentary: Twenty Years, 10 Fellows, 1 Article: Reflections on Cerebrovascular Training and the Evolution of Basilar Apex Aneurysm Treatments”

Graffeo CS, Srinivasan VM, Frisoli F, Lang MJ, Mascitelli JR, Burkhardt JK, Walcott BP, Owen CM, Rodriguez-Hernandez A, Abla AA. *Neurosurgery 2023, Jul 1;93(1):e7-e9*

“MicroRNA cerebrospinal fluid profile during the early brain injury period as a biomarker in subarachnoid hemorrhage patients”

Leire Pedrosa, Jhon Hoyos, Luis Reyes, Laura Llull, Daniel Santana, Nicolás de Riva, Ricard Mellado, Xavier Sala, Ana Rodríguez-Hernández, Joaquim Enseñat, Sergio Amaro, Ramon Torné. *Front Cell Neurosci.* 2022. doi:10.3389/fncel.2022.1016814. eCollection

Gender differences in work-life balance of European neurosurgeons”

Lambrianou X, Tzerefos C, Janssen IK, Mihaylova S, Aydin AE, Al-Ahmad S, Broekman ML, Gazioglu N, Duran SH, Ivan DI, Karampouga M, Magnadottir HB, Pajaj E, Rodríguez-Hernández A, Rosseau G, Salokorpi N, Tsianaka E, Vayssiere P, Murphy M, Tasiou A. *Brain Spine* 2022. eCollection. Doi: 10.1016/j.bas.2022.101100.

Venous tortuosity as a novel biomarker of rupture risk in arteriovenous malformations: ARI score

Alejandra Mosteiro Leire Pedrosa, Ramón Torne, Ana Rodríguez-Hernández, Sergi Amaro, Luis A Reyes, Jhon A Hoyos, Luis San Roman, Nicolás de Riva, Carlos J Domínguez, Joaquim Enseñat. *J Neurointerv Surg.* 2022 Dec;14(12):1220-1225

Dural Venous Sinus Variations in Idiopathic Subarachnoid Hemorrhage: a New Indicator of the Venous Origin with Diagnostic Utility?”

Ferran Brugada-Bellsolà, Antonio González-Crespo, Marta Pastor-Cabeza, Alberto Blanco Ibáñez de Opacua, Sebastian Remollo, Mireia Anglada-Oliván, Maite Misis, Carlos J. Domínguez, Jordi M. Rimbau, Ana Rodríguez-Hernández. *World Neurosurgery* 2021 dec;156:e266-e275.

Intraoperative Magnetic Resonance Imaging for Cerebral Cavernous Malformations: When May Be Worth It?”.

Ramon Torné, Xabier Urra, Thomaz E. Topczeswki, Abel Ferrés, Sergio García-García, Ana Rodríguez-Hernández, Luis San Roman, Nicolas de Riva, Joaquim Enseñat. *Journal of Clinical Neuroscience* 2021 jul;89:85-90

European Women in Neurosurgery: II - Historical Characters and Living Legends"

Murphy M, Hernández-Durán S, Kim E, Al-Shehhi N, Broekman M, de Praeter M, Dubuisson A, Emery É, Gazioglu N, Grossman R, Janssen IK, Karampouga M, Khorbaladze L, Lambrianou X, Lippa L, Magnadottir H, Mihaylova S, Pajaj E, Rabiei K, Rodríguez-Hernández A, Tasiou A, Vayssiere P, Rosseau G. *J Clin Neurosci.* 2021 apr;86:324-331. Doi: 10.1016/j.jocn.2021.01.024. Epub 2021 feb 6.

European women in neurosurgery: I - A chronology of trailblazers

Hernández-Durán S, Murphy M, Kim E, Al-Shehhi N, Broekman M, de Praeter M, Dubuisson A, Emery É, Gazioglu N, Grossman R, Janssen IK, Karampouga M, Khorbaladze L, Lambrianou X, Lippa L, Magnadottir H, Mihaylova S, Pajaj E, Rabiei K, Rodríguez-Hernández A, Tasiou A, Vayssiere P, Rosseau G. *J Clin Neurosci.* 2021 Feb 4:S0967-5868(21)00035-7. doi: 10.1016/j.jocn.2021.01.026.

Edema Resolution and Clinical Assessment in Poor-Grade Subarachnoid Hemorrhage: Useful Biomarkers for Delayed Cerebral Infarctions?

Ramon Torné, Jhon Hoyos, Laura Llull, Ana Rodríguez-Hernández, Guido Muñoz, Ricard Mellado-Artigas, Daniel Santana, Leire Pedrosa, Alberto di Somma, Luis San Roman, Sergio Amaro, Joaquim Enseñat. *Journal of Clinical Medicine* 2021 jan 17;10(2):321

Iatrogenic Intracranial Aneurysm Following External Ventricular Drain Placement: Traumatic or Mycotic origin?

Case Report and Literature Review". Marta Pastor-Cabeza, Antonio González-Crespo, Manel Tardáguila, Alberto Blanco Ibañez de Opacua, Sebastián Remollo, Carlos J. Domínguez, Jordi M. Rimbau, Ana Rodríguez- Hernández. *World Neurosurgery.* 2020. Nov;143:214-218

Rescue Surgery in the Flow Diverter Era: Partial Trapping plus Revascularization Technique for a Giant Carotid-Ophthalmic Aneurysm.

Ramón Torné, Ana Rodríguez- Hernández, Ana Tercero-Urbe, Paola Hurtado, Antonio López-Rueda, Jose Poblete, Joaquim Enseñat. *World Neurosurgery.* 2020. Nov;143:73-78

A Survey of Microsurgical Technique for Extracranial-to-Intracranial Bypass.

Visish M. Srinivasan, Christoph Griessenauer, Ana Rodríguez-Hernández Edward A.M. Duckworth, Laurent Thines, Nils Hecht, Peter Kan, Michael T. Lawton, Jan-Karl Burkhardt. World Neurosurgery. 2020. Sep;141:e743-e751

Amateur Endurance Athletes: at higher risk of suffering dural arteriovenous fistulas? Report of 3 cases.”

Ana Rodríguez-Hernández, Ramon Torné, Alberto Blanco Ibáñez de Opacua, Ferran Brugada-Bellsolà, Sebastián Remollo, Carlos J. Domínguez, Jordi M. Rimbau. World Neurosurg. 2020. Aug;140:32-36

Response to Letter to the Editor about “Safety and Feasibility Assessment of the O-arm as an Intraoperative Angiography Device in Aneurysm Surgery: Technical Note.

Torné R, Rodríguez-Hernández A. World Neurosurg. 2020. Apr;136:420.

Clinical studies of incidental intracranial meningiomas-towards high-quality evidence-based practice”

Brugada-Bellsolà F., Teixidor Rodríguez P., Rodríguez-Hernández A., Domínguez CJ., Rimbau JM. Acta Neurochirurgica 2019 Nov;161(11):2233-2240

Safety and Feasibility Assessment of the O-Arm as an Intraoperative Angiography Device in Aneurysm Surgery.”

Torné R, García S, Sanroman L, Rodríguez-Hernández A, Reyes L, Tercero J, Enseñat J. World Neurosurg. 2019 127:e1159-e1165

Anatomical triangles defining routes to anterior communicating artery aneurysms: The junctional and precommunicating triangles and the role of dome projection.

Michael Ivan, Michael Safaee, Nikolay Martirosyan, Ana Rodríguez-Hernández, Barbara Sullinger, Priyanka Kuruppu, Julian Habdank-Kolaczowski, Michael T. Lawton. J. of Neurosurgery. Dec 2018.

Quantitative versus qualitative blood amount assessment as a predictor for shunt-dependent hydrocephalus following aneurysmal subarachnoid hemorrhage.

Sergio García; Ramon Torné, John Alexander Hoyos; Ana Rodríguez-Hernández, Sergio Amaro, Laura Llull, Antonio López, Joaquim Enseñat. J. of Neurosurgery. Dec 2018.

Revascularization experience and results in ischaemic cerebrovascular disease: Moyamoya disease and carotid occlusion

Arikan F, Rubiera M, Serena J, Rodríguez-Hernández A, Gándara D, Lorenzo-Bosquet C, Tomasello A, Chocrón I, Quintana-Corvalan M, Sahuquillo Neurocirugia (Astur). 2018 Jul-Aug;29(4):170-186

Anatomical Variations of Brain Venous Sinuses in Patients with Arteriovenous Malformations: Incidental Finding or Causative Factor?"

Ramon Torné, Luis Reyes, Ana Rodríguez-Hernández, Xabier Urrea, Luis Sanroman, Joaquim Enseñat. World Neurosurgery. 2018 May;113:e465-e470

Symptomatic Delayed Coil Migration After Balloon Assisted Embolization: an Underreported Adverse Event?"

Lino Fonseca, Rafael Najarro, Ana Rodríguez-Hernández, Ramon Torné, Dario Gándara, Fuat Arikan, Pilar Baños. Neurocirugía. Epub Apr 2018

Intracerebral Pial Arteriovenous Fistula with Giant Venous Varix".

Vilalta J, Nunez-Videgaray S, Gandara D, Rodriguez-Hernandez A, Arikan. Rev Neurol. 2017 Sep 16;65(6):280-281. Spanish.

The Superior Cerebellar Artery Aneurysm: A Posterior Circulation Aneurysm With Favorable Microsurgical Outcomes.

Ana Rodríguez-Hernández, Brian P. Walcott, Harjus Birk, Michael T. Lawton. Neurosurgery. 2017 Jun 1;80(6):908-916.



Causes of hospital mortality due to brain haemorrhage in patients with arteriovenous malformation].

Vilalta J, Arikan F, Torne R, Najarro R, Lopez D, Rodriguez-Hernandez A, Gandara D, Baños P. Rev Neurol. 2017 Jun 16;64(12):538-542. Spanish

Intracranial Arterial Dissection Mimicking a Saccular Aneurysm: Clinical Image”.

Ana Rodríguez-Hernández, Ramon Torné, Fuat Arikan. World Neurosurg. 2017 Feb;98:867.e5-867.e7

Multiple cerebral arteriovenous malformations associated to rostral hypoplasia of the superior sagittal sinus: case report.” Ramon Torné, Felipe Molina Jaque, Ana Rodríguez-Hernández, Fuat Arikan, Diego López-Bermeo, Alejandro Tomasello. J Neurosurg Sci. 2016 Jun 7. [Epub ahead of print]

Arteriovenous malformations of the brain: personal experience with 121 patients treated with microsurgery]. Letter to the editor.

Ramon Torné, Ana Rodríguez-Hernández. Rev Neurol. 2016 May 1;62(9):431.

Criteria for education and training in Interventionist-Neuro-Interventionism Neuroradiology, agreed by the Spanish Interventionist Neuroradiology Group (GENI) of the Spanish Neuroradiology Society (SENR) and the Expert Group of the Spanish Neurosurgery (SENEC) and Neurology (SEN). A basis for obtaining Accreditation in centres and specialists in Interventionist-Neuro-Interventionism Neuroradiology]

Arikan F, Fernández-Alén J, ...Grupo de Trabajo de Patología Vascul ar de la Sociedad Española de Neurocirugía. Neurocirugía (Astur). 2016 Feb;27(1):41–48.

Prognosis of patients in coma after acute subdural hematoma due to ruptured intracranial aneurysm”

Ramon Torné, Ana Rodríguez-Hernández, Fabián Romero-Chala, Fuat Arikan Abelló, Jordi Vilalta Castan, Juan Sahuquillo. J Clin Neurosci. 2016 Apr;26:126–129.

Posterior Fossa Arteriovenous Malformations: Significance of Higher Incidence of Bleeding and Hydrocephalus

Ramon Torné, Ana Rodríguez-Hernández, Fuat Arikan Abelló, Fabián Romero Chala, Marta Cicuendez, Jordi Vilalta Castan, Juan Sahuquillo. Clin Neurol Neurosurg. 2015 jul;134:37-43.

Rescue Bypass for Revascularization After Ischemic Complications in the Treatment of Giant Intracranial Aneurysms

Giovanni Pancucci, Matthew B. Potts, Ana Rodríguez-Hernández, Lanjun Guo, Michael T. Lawton. World Neurosurg. 2015 Jun;83(6):912–920.

Adult Mouse Venous Hypertension Model: Common Carotid Artery to External Jugular Vein Anastomosis

Shun-Tai Yang, Ana Rodríguez-Hernández , Espen J. Walker, William L. Young, Hua Su, Michael T. Lawton. J Vis Exp. 2015 Jan 27;(95):50472.

Subarachnoid Hemorrhage in Systemic Lupus Erythematosus: Systematic Review and Report of Three Cases

Ramon Torné, Ana Rodríguez-Hernández, Teuddis J. Bernard, Fuat Arikan, Jordi Vilalta, Juan Sahuquillo. Clin Neurol Neurosurg. 2015 Jan;128:17–24.

Bilateral Ophthalmic Segment Aneurysms Clipping with One Craniotomy: Operative Technique and Results

Osman Nacar, Ana Rodríguez-Hernández, M.O Ulu, Rubén Rodríguez-Mena, Michael T. Lawton. Turk Neurosurg. 2014;24(6):937-945

Intraoperative Arteriovenous Malformation Rupture: Causes, Management Techniques, Outcomes, and the Effect of Neurosurgeon Experience

Ramon Torné, Ana Rodríguez-Hernández, Michael T. Lawton. Neurosurgical Focus. 2014; Sep; 37(3):E12.

End-to-End Anastomosis Technique for Fusiform Aneurysms: 3D Video

Ana Rodríguez-Hernández, Michael T. Lawton. Neurosurgery. 2014 Mar;10 Suppl 1:157-158.  
[Epub Aug 2013]

Microsurgical Technique for PICA-PICA In Situ Bypass: 3D Operative Video.

Ana Rodríguez-Hernández , Michael T. Lawton. Neurosurgery. 2014 Mar;10 Suppl 1:156.  
[Epub July 2013]

Comment on the study: Mobilization of the Sphenoparietal Sinus: A Simple Technique to Preserve Prominent Frontobasal Bridging Veins During Surgical Clipping of Anterior Communicating Artery Aneurysms: Technical Case Report

Ana Rodríguez-Hernández , Michael T. Lawton. Neurosurgery. 2013 Sep;73 (1 Suppl Operative):onsE124-127

Comment on the study: Endovascular WEB Flow Disruption in Middle Cerebral Artery Aneurysms: Preliminary Feasibility, Clinical, and Anatomical Results in a Multicenter Study

Ana Rodríguez-Hernández , Michael T. Lawton. Neurosurgery. 2013 Jul;73(1):27-34.

Comment on the study: Intracranial dural arteriovenous fistulae. Experience after 81 cases and literature review

by Paredes et al. Ana Rodríguez-Hernández. Neurocirugía (Astur). 2013 Jul-Aug;24(4):152-153 [Spanish]

Letter to the Editor: Posterior Inferior Cerebellar Artery Aneurysms

Ana Rodríguez-Hernández , Ahmed J. Awad, Michael T. Lawton. J Neurosurg. 2013 Dec;119(6):1653-1654

Temporal Lobe Arteriovenous Malformations: Surgical Strategy, Techniques and Outcome

Andreu Gabarrós Canals, Ana Rodríguez-Hernández ,William L. Young, Michael T. Lawton.

Journal of Neurosurgery. 2013 Sep;119(3):616-628. Selected for journal cover (September 2013)

Superior Cerebellar Artery-to-Posterior Cerebral Artery Bypass: An In Situ Bypass for Posterior Cerebral Artery Revascularization. Technical Case Report

Ana Rodríguez-Hernández , Christina Huang, Michael T. Lawton Journal of Neurosurgery. 2013 May;118(5):1053-1057.

Current Management of Middle Cerebral Artery Aneurysms: Results with a “clip-first” policy

Ana Rodríguez-Hernández, Michael E. Sughrue, Sina Akhavan, Julian Habdank-Kolaczowski, Michael T. Lawton. Neurosurgery. 2013. Mar;72(3):415-427. Epub Nov 2012

Contralateral Transcallosal Approach to Basal Ganglia Cavernous Malformation: 3D Operative Video

Ana Rodríguez-Hernández , Michael T. Lawton. Neurosurgery. 2013 Jun;72(2 Suppl Operative):ons182

Management of a Recurrent Coiled Giant Posterior Cerebral Artery Aneurysm with Trapping and Thrombectomy: 3-D Operative Video.

Ana Rodríguez-Hernández, Michael T. Lawton. Neurosurgery. 2012 Dec;71(2 Suppl Operative):ons191.

Distal Aneurysms of Intracranial Arteries: Application of Numerical Nomenclature, Predilection for Cerebellar Arteries, and Results of Surgical Management

Ana Rodríguez-Hernández, Zsolt Zador, Ruben Rodríguez Mena, Michael T. Lawton. World Neurosurgery. 2013 Jul-Aug;80(1-2):103-112.

Cerebellar Arteriovenous Malformations: Anatomical Subtypes, Surgical Results, and Increased Predictive Accuracy of the Supplementary Grading Scale.

Ana Rodríguez-Hernández, Helen Kim, Tony Pourmohamad, William L. Young, Michael T.

Lawton. Neurosurgery. 2012 Dec;71(6):1111-1124

Comment on the study "Abordaje contralateral en aneurismas de la arteria cerebral media con segmento M1 largo: a propósito de dos casos"

de Arrese et al. Ana Rodríguez-Hernández, Michael T. Lawton. Neurocirugía (Astur). 2012 May;23(3):127.

Twig-like Middle Cerebral Arteries

Ana Rodríguez-Hernández, Susanna Miric, Michael T. Lawton. Neurosurgery. 2012 Aug, 71(2):E522.

Bypass Surgery for the Prevention of Ischemic Stroke: Current Indications and Techniques

Ana Rodríguez-Hernández, Andy S. Josephson, Michael T. Lawton. Neurocirugía (Astur). 2012 Feb; 23(1):5–14

Contralateral Clipping of Middle Cerebral Artery Aneurysms Ana Rodríguez-Hernández, Andreu Gabarrós Canals, Michael T. Lawton. Neurosurgery. 2012 Sep;71 Operative Neurosurgery 1:ons116-ons124

Bypass Surgery for the Prevention of Ischemic Stroke

Ana Rodríguez-Hernández, Andy S. Josephson, David Langer, Michael T. Lawton. World Neurosurgery. 2011 Dec 76(6 Suppl):S72-79

Flash Fluorescence with ICG Videoangiography to Identify the Recipient Artery for Bypass with Distal MCA Aneurysms: Operative Technique

Ana Rodríguez-Hernández, Michael T. Lawton Neurosurgery. 2012 Jun 70 (2 Suppl Operative):209–220 [Epub ahead of print Aug 2011] Editor's choice of the quarter

Collateral rete aneurysms associated with anterior and posterior circulation occlusions. Report of three cases and review of literature

Ana Rodríguez-Hernández, MD, Daniel C. Lu, MD, PhD, Susanna Miric RN, BSN, Michael T. Lawton, MD. Neurosurgical Review. 2011 Oct; 34(4):517-522

Segmental Anatomy Of Cerebellar Arteries: A Proposed Nomenclature

Ana Rodríguez-Hernández, Albert Jr Rhoton, Michael T. Lawton. Journal Of Neurosurgery. 2011Aug;115(2):387–397 [Epub May 2011]. Selected for weekly podcast (May 2011).

Anatomical Triangles Defining Surgical Routes To Posterior Inferior Cerebellar Artery Aneurysms. Clinical Article

Ana Rodríguez-Hernández, Michael T. Lawton. Journal Of Neurosurgery 2011. Apr; 114(4):1088-94