


Juan Carlos Fernandez-Miranda, MD, FACS

Professor of Neurosurgery and, by courtesy, of Otolaryngology - Head & Neck Surgery (OHNS)

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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ACADEMIC CONTACT INFORMATION

- **Admin**

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Bio

BIO

Dr. Juan Fernandez-Miranda is Professor of Neurosurgery and Surgical Director of the Stanford Brain Tumor, Skull Base, and Pituitary Centers. He is internationally renowned for his expertise in minimally invasive brain surgery, endoscopic skull base and pituitary surgery, open skull base surgery, and complex brain tumor surgery. He has performed over 4,000 cranial operations including more than 2,000 endoscopic endonasal operations for pituitary tumors and other skull base lesions. He is highly regarded for his innovative contributions to the development and refinement of endoscopic endonasal skull base surgery, for his ability to select the most effective and less invasive approach to each individual patient, and for his precise knowledge of the intricate anatomy of the white matter tracts required to maximize resection and minimize morbidity on high and low grade glioma patients. He has been recently ranked by Expertscape as World-Expert (top 0.05%) on Skull Base Surgery and #1 Neurosurgeon Expert on Skull Base Tumors (pituitary adenomas, meningiomas, craniopharyngiomas, chordomas, chondrosarcomas, schwannomas and esthesioneuroblastomas) on the US Pacific Region. He is co-founder and vice-president of the International Rhoton Society and executive member of the Board of Directors of the The Neurosurgical Atlas, the largest nonprofit organization for neurosurgical education and research in the world.

Dr. Fernandez-Miranda completed neurosurgery residency at La Paz University Hospital in Madrid, Spain. Upon completion of his residency, he was awarded the Sanitas Prize to the best medical postgraduate trainee in the country. From 2005 to 2007, he underwent fellowship training in microsurgical neuroanatomy at the University of Florida under legendary neurosurgeon Albert L. Rhoton, Jr. From 2007 to 2010 he continued subspecialty clinical training in cerebrovascular surgery at the University of Virginia, and endoscopic endonasal and open skull base surgery at University of Pittsburgh Medical Center (UPMC). During his 10-year tenure at UPMC, he pioneered endoscopic endonasal approaches to highly complex pituitary and skull base tumors, developed a world-class complex brain surgery program, and led a premier training and research program on surgical neuroanatomy and skull base surgery.

In 2018, he was recruited to bring to Stanford his unique technical expertise and to collaborate with world-renowned Stanford colleagues across multiple disciplines, leading the establishment of one of the most preeminent centers worldwide for comprehensive treatment of complex lesions in the brain,

skull base, and pituitary regions. His top priority is to provide gentle, accurate, and safe surgery, in a team-based and compassionate approach to patient care.

CLINICAL FOCUS

- Neurosurgery
- Pituitary tumor
- Craniopharyngioma
- Meningioma
- Chordoma
- Chondrosarcoma
- Cushing's disease
- Acromegaly
- Prolactin-secreting adenoma
- Rathke's cleft cyst
- Low grade glioma
- High grade glioma
- Juvenile pilocytic astrocytoma
- Ependymoma
- Vestibular Schwannoma
- Acoustic Neuroma
- Trigeminal Schwannoma
- Esthesioneuroblastoma
- Sinonasal carcinoma
- Nasopharyngeal carcinoma
- Cholesterol granuloma
- Epidermoid cyst
- Dermoid cyst
- skull base lesion
- brain lesion
- brain tumor
- brain metastasis
- orbital tumors
- cavernous hemangioma
- Cavernous sinus lesions
- Clival lesion
- Trigeminal neuralgia
- Hemifacial spasm
- Glossopharyngeal neuralgia
- fibrous dysplasia
- Basilar Invagination

- Platibasia
- Chiari Malformation
- Brainstem lesion
- Cavernoma
- Limbic glioma
- Insular glioma
- Glomus jugulare tumor
- Pineal Tumor
- Cerebellar tumor
- L'Hermitte-Duclos disease

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Neurosurgery
- Professor - University Medical Line (By courtesy), Otolaryngology (Head and Neck Surgery)
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Surgical Director, Stanford Brain Tumor Center, (2018- present)
- Chief, Stanford Skull Base Surgery Program, (2018- present)
- Medical Director, Stanford Pituitary Center, (2024- present)
- Director, Surgical Neuroanatomy, Fiber Tractography, and Virtual Simulation Research Center, (2018- present)

HONORS AND AWARDS

- Honorary Visiting Professor, Tianjin Huanhu Hospital (Tianjin, China) (2018)
- Annual Faculty Teaching Award, University of Pittsburgh School of Medicine (2017)
- National Investigation Award, Barclays Foundation (2009)
- Aesculap European Research Award, EANS (European Association of Neurological Surgeons) (2008)
- Pedro Mata Award – Best Neurosurgical Research, Neurosurgical Society of Madrid (2006)
- Sanitas Award – Best Medical Post-graduate Trainee in Spain, Sanitas Foundation (2006)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board of Directors, The Neurosurgical Atlas (2020 - present)
- Co-Founder and Vice-president, International Rhoton Society (2018 - present)
- President, 1st Rhoton Society Meeting, Tianjin, China (2018 - present)
- Fellow, American College of Surgeons (2017 - present)
- Member, Acoustic Neuroma Association (2017 - present)
- Patient Engagement Committee, Pituitary Society (2017 - present)
- Editorial Board, Journal of Neurological Surgery: Skull Base (2016 - present)
- Editorial Board, Operative Neurosurgery (2015 - present)
- Member, Pituitary Society (2015 - present)
- Neuroanatomy Committee, WFNS (World Federation of Neurological Surgeons) (2015 - 2017)
- MRRC (Magnetic Resonance Research Center) committee, University of Pittsburgh (2014 - 2018)

- Editorial Board, Neurocirugia (Spanish Society of Neurosurgery) (2013 - present)
- International Outreach Committee, AANS (American Association of Neurological Surgeons) (2013 - 2015)
- NASBS Awards Committee, NASBS (North American Skull Base Society) (2013 - 2015)
- NASBS Education and Training Committee, NASBS (2013 - 2015)
- Active member, CNS (Congress of Neurological Surgeons) (2012 - present)
- Chair Management Meetings, University of Pittsburgh (2012 - 2018)
- Invited affiliate, German Skull Base Society (2010 - present)
- Member, The Cajal Club (2010 - present)
- Active member, EANS (European Association of Neurosurgical Societies) (2008 - present)
- Affiliate member, AANS (American Association of Neurological Surgeons) (2006 - present)
- Active member, SENEC (Spanish Society of Neurological Surgeons) (2004 - present)

PROFESSIONAL EDUCATION

- Board Certification: Neurosurgery, The Secretary of State of Universities and Research of Spain (2007)
- Fellowship: University of Pittsburgh Medical Center (2010) PA
- Fellowship: University of Virginia Medical Center (2008) VA
- Fellowship, University of Florida, McKnight Brain Institute , FL (2007)
- Residency: Hospital Universitario La Paz (2006) Spain
- Medical Education: Universidad Complutense Madrid (2000) Spain

COMMUNITY AND INTERNATIONAL WORK

- Advanced Endoscopic Skull Base Surgery Course, Shangai
- National Skull Base Endoscope Conference, Xi'an, China
- Neurosurgery Scientific Meeting, Bangkok, Thailand
- Neuropinamar, Pinamar, Argentina
- Surgical Neuroanatomy and Techniques, Brasilia
- Endoscopy Endonasal skull base surgery course, La Paz University Hospital, Madrid, Spain
- NASBS Skull Base Summer Course, New Orleans
- 3-D Surgical Anatomy Course for Senior Residents, Houston
- Skull Base Training Course, Memphis (TN)

LINKS

- Medical Record Review: <https://stanfordhealthcare.org/second-opinion/medical-record-review.html>
- Research Center: http://med.stanford.edu/neurosurgery/research/SNFTVR_Lab.html
- Fiber Tractography: http://med.stanford.edu/neurosurgery/research/SNFTVR_Lab/tractographylab.html
- My Surgical Videos: <https://www.youtube.com/watch?v=kJa1Xal9uwa&list=PLSVqZwZyqvt9oFHLslhYCQqi8SQGnkiy>
- My YouTube Channel: <https://www.youtube.com/user/fernandezmirandajc>
- Twitter: https://twitter.com/drjfm_stanford

Teaching

COURSES

2025-26

- Operative Neuroanatomy Using Virtual Reality and Cadaver Lab: NSUR 210 (Spr)

2024-25

- Operative Neuroanatomy Using Virtual Reality and Cadaver Lab: NSUR 210 (Spr)

2023-24

- Operative Neuroanatomy Using Virtual Reality and Cadaver Lab: NSUR 210 (Spr)

2022-23

- Operative Neuroanatomy Using Virtual Reality and Cadaver Lab: NSUR 210 (Spr)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Ruolun Wei

Publications

PUBLICATIONS

- **Acromegaly.** *The New England journal of medicine*
Lamano, J. B., Dodd, R. L., Fernandez-Miranda, J. C.
2026; 394 (8): 828
- **Combination of Endoscopic Endonasal and Transcranial Approaches: Rationale, Strategies and Outcomes.** *Operative neurosurgery (Hagerstown, Md.)*
Bex, A., Vigo, V., Rychen, J., Chuang, J., Xu, Y., Gambatesa, E., Agostini, L., Fernandez-Miranda, J. C.
2025
- **Pituitary transposition techniques: surgical anatomy and technical nuances.** *Journal of neurosurgery*
Xu, Y., Abhinav, K., Rychen, J., Arifianto, M. R., Lee, C. K., Vigo, V., Mohyeldin, A., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2025: 1-14
- **Endoscopic endonasal transcavernous surgery for a contemporary series of 59 prolactinomas.** *Pituitary*
Nakase, T., Ljubimov, V. A., Chang, J. J., Vogel, H., Vigo, V., Katznelson, L., Fernandez-Miranda, J. C.
2025; 28 (4): 81
- **Patterns of invasion of the medial wall of the cavernous sinus by pituitary adenomas.** *Journal of neurosurgery*
Constanzo, F., Rychen, J., Lee, C. K., Decker, J. H., Fischbein, N., Johnstone, T., Ljubimov, V., Vigo, V., Fernandez-Miranda, J. C.
2025: 1-12
- **The carotidoclinoidal ligament in endoscopic endonasal transcavernous surgery: anatomical variations, operative techniques, and case series.** *Journal of neurosurgery*
Rychen, J., Xu, Y., Agostini, L., Constanzo, F., Arifianto, M. R., Bex, A., Xiao, L., Vigo, V., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2025: 1-12
- **Lateral compartment of the cavernous sinus from the endoscopic endonasal approach: anatomical considerations and surgical relevance to adenoma surgery.** *Journal of neurosurgery*
Xu, Y., Asmaro, K., Lee, C. K., Vigo, V., Mohyeldin, A., Nunez, M. A., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2024: 1-13
- **Resection of corticotroph microadenomas invading the medial wall of the cavernous sinus in two cases of a primary and recurrent case of Cushing's disease.** *Neurosurgical focus: Video*

- Mohyeldin, A., Nunez, M. A., Xu, Y., Fernandez-Miranda, J. C.
2023; 9 (1): V2
- **Supramarginal resection of skull base chordomas: proof of concept and preliminary outcomes** *NEUROSURGICAL FOCUS*
Rychen, J., Constanzo, F., Xu, Y., Johnstone, T. M., Bex, A., Rinaldi, M., Lee, C. K., Fernandez-Miranda, J. C.
2023; 56 (5): E3
 - **Cytodifferentiation of pituitary tumors influences pathogenesis and cavernous sinus invasion.** *Journal of neurosurgery*
Asmaro, K., Zhang, M., Rodrigues, A. J., Mohyeldin, A., Vigo, V., Nernekli, K., Vogel, H., Born, D. E., Katznelson, L., Fernandez-Miranda, J. C.
2023: 1-9
 - **The Pterygosphenoidal Triangle: Surgical Anatomy and Case Series in Endoscopic Endonasal Skull Base Surgery.** *Operative neurosurgery (Hagerstown, Md.)*
Xu, Y., Asmaro, K., Mohyeldin, A., Zhang, M., Nunez, M. A., Mao, Y., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2023
 - **Prospective intraoperative and histologic evaluation of cavernous sinus medial wall invasion by pituitary adenomas and its implications for acromegaly remission outcomes.** *Scientific reports*
Mohyeldin, A., Katznelson, L. J., Hoffman, A. R., Asmaro, K., Ahmadian, S. S., Eltobgy, M. M., Nayak, J. V., Patel, Z. M., Hwang, P. H., Fernandez-Miranda, J. C.
2022; 12 (1): 9919
 - **Microsurgical anatomy of the dorsal clinoidal space: implications for endoscopic endonasal parasellar surgery.** *Journal of neurosurgery*
Xu, Y., Nunez, M. A., Mohyeldin, A., Vigo, V., Mao, Y., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2022: 1-13
 - **Microsurgical anatomy and the importance of the petrosal process of the sphenoid bone in endonasal surgery** *JOURNAL OF NEUROSURGERY*
Doniz-Gonzalez, A., Vigo, V., Nunez, M., Xu, Y., Mohyeldin, A., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2021; 137 (5): 1431-1442
 - **Proximal Branches of the Anterior Cerebral Artery: Anatomic Study and Applications to Endoscopic Endonasal Surgery.** *Operative neurosurgery (Hagerstown, Md.)*
Najera, E., Truong, H. Q., Belo, J. T., Borghei-Razavi, H., Gardner, P. A., Fernandez-Miranda, J.
2019
 - **Proposal and Validation of a Simple Grading Scale (TRANSSPHER Grade) for Predicting Gross Total Resection of Nonfunctioning Pituitary Macroadenomas After Transsphenoidal Surgery.** *Operative neurosurgery (Hagerstown, Md.)*
Mooney, M. A., Sarris, C. E., Zhou, J. J., Barkhoudarian, G., Chicoine, M. R., Fernandez-Miranda, J. C., Gardner, P. A., Hardesty, D. A., Jahnke, H., Kelly, D. F., Liebelt, B. D., Mayberg, M. R., Prevedello, et al
2019
 - **Left Pan-Hippocampal Low Grade Glioma-2-Stage Transsylvian Transventricular and Paramedian Supracerebellar Transtentorial Approaches: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Fernandez-Miranda, J. C.
2018
 - **Paramedian Supracerebellar Approach in Semi-Sitting Position for Endoscopic Resection of Pineal Cyst: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Fernandez-Miranda, J. C.
2018
 - **The medial wall of the cavernous sinus. Part 1: Surgical anatomy, ligaments, and surgical technique for its mobilization and/or resection.** *Journal of neurosurgery*
Truong, H. Q., Lieber, S., Najera, E., Alves-Belo, J. T., Gardner, P. A., Fernandez-Miranda, J. C.
2018: 1-9
 - **Supratotal Resection of Residual Clival Chordoma With Combined Endoscopic Endonasal and Contralateral Transmaxillary Approaches: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Lavigne, P., Wang, E. W., Fernandez-Miranda, J. C.
2018

- **Bilateral coagulation of inferior hypophyseal artery and pituitary transposition during endoscopic endonasal interdural posterior clinoidectomy: do they affect pituitary function?** *Journal of neurosurgery*
Truong, H. Q., Borghei-Razavi, H., Najera, E., Igami Nakassa, A. C., Wang, E. W., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2018; 1–6
- **Cavernous sinus compartments from the endoscopic endonasal approach: anatomical considerations and surgical relevance to adenoma surgery** *JOURNAL OF NEUROSURGERY*
Fernandez-Miranda, J. C., Zwagerman, N. T., Abhinav, K., Lieber, S., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2018; 129 (2): 430-441
- **Contralateral transmaxillary corridor: an augmented endoscopic approach to the petrous apex** *JOURNAL OF NEUROSURGERY*
Patel, C. R., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.
2018; 129 (1): 211–19
- **Cavernous sinus compartments from the endoscopic endonasal approach: anatomical considerations and surgical relevance to adenoma surgery.** *Journal of neurosurgery*
Fernandez-Miranda, J. C., Zwagerman, N. T., Abhinav, K., Lieber, S., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2017: 1–12
- **Extended Middle Fossa Approach With Anterior Petrosectomy and Anterior Clinoidectomy for Resection of Spheno-Cavernous-Tentorial Meningioma: The Hakuba-Kawase-Dolenc Approach: 3-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Fernandez-Miranda, J. C.
2017; 13 (2): 281
- **Prof. Albert L. Rhoton, Jr.: His Life and Legacy** *WORLD NEUROSURGERY*
Fernandez-Miranda, J. C.
2016; 92: 590–96
- **Endoscopic Endonasal Transclival Transcondylar Approach for Foramen Magnum Meningiomas: Surgical Anatomy and Technical Note** *OPERATIVE NEUROSURGERY*
Wang, W., Abhinav, K., Wang, E., Snyderman, C., Gardner, P. A., Fernandez-Miranda, J. C.
2016; 12 (2): 153–61
- **Subcomponents and connectivity of the superior longitudinal fasciculus in the human brain** *BRAIN STRUCTURE & FUNCTION*
Wang, X., Pathak, S., Stefaneau, L., Yeh, F., Li, S., Fernandez-Miranda, J. C.
2016; 221 (4): 2075–92
- **Anterior Transpetrosal Approach for Resection of Recurrent Skull Base Chordoma: 3-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Chabot, J. D., Gardner, P., Fernandez-Miranda, J. C.
2015; 11 (3): 464
- **Endoscopic Endonasal Approach to the Optic Canal: Anatomic Considerations and Surgical Relevance** *OPERATIVE NEUROSURGERY*
Abhinav, K., Acosta, Y., Wang, W., Bonilla, L. R., Koutourousiou, M., Wang, E., Snyderman, C., Gardner, P., Fernandez-Miranda, J. C.
2015; 11 (3): 431–45
- **High-definition fiber tractography for the evaluation of perilesional white matter tracts in high-grade glioma surgery** *NEURO-ONCOLOGY*
Abhinav, K., Yeh, F., Mansouri, A., Zadeh, G., Fernandez-Miranda, J. C.
2015; 17 (9): 1199–1209
- **Asymmetry, connectivity, and segmentation of the arcuate fascicle in the human brain** *BRAIN STRUCTURE & FUNCTION*
Fernandez-Miranda, J. C., Wang, Y., Pathak, S., Stefaneau, L., Verstynen, T., Yeh, F.
2015; 220 (3): 1665–80
- **Endoscopic endonasal transcavernous posterior clinoidectomy with interdural pituitary transposition** *JOURNAL OF NEUROSURGERY*
Fernandez-Miranda, J. C., Gardner, P. A., Rastelli, M. M., Peris-Celda, M., Koutourousiou, M., Peace, D., Snyderman, C. H., Rhoton, A. L.
2014; 121 (1): 91–99
- **Clival chordomas: A pathological, surgical, and radiotherapeutic review** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H., Devaney, K. O., Mendenhall, W. M., Suarez, C., Rinaldo, A., Ferlito, A.

2014; 36 (6): 892–906

- **Endoscopic endonasal surgery for suprasellar meningiomas: experience with 75 patients** *Clinical article JOURNAL OF NEUROSURGERY*
Koutourousiou, M., Fernandez-Miranda, J. C., Stefko, S., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2014; 120 (6): 1326–39
- **Endoscopic endonasal approach for growth hormone secreting pituitary adenomas: outcomes in 53 patients using 2010 consensus criteria for remission** *PITUITARY*
Shin, S. S., Tormenti, M. J., Paluzzi, A., Rothfus, W. E., Chang, Y., Zainah, H., Fernandez-Miranda, J. C., Snyderman, C. H., Challinor, S. M., Gardner, P. A.
2013; 16 (4): 435–44
- **Deterministic Diffusion Fiber Tracking Improved by Quantitative Anisotropy** *PLOS ONE*
Yeh, F., Verstynen, T. D., Wang, Y., Fernandez-Miranda, J. C., Tseng, W.
2013; 8 (11): e80713
- **Endoscopic endonasal surgery for craniopharyngiomas: surgical outcome in 64 patients** *Clinical article JOURNAL OF NEUROSURGERY*
Koutourousiou, M., Gardner, P. A., Fernandez-Miranda, J. C., Tyler-Kabara, E. C., Wang, E. W., Snyderman, C. H.
2013; 119 (5): 1194–1207
- **Rethinking the Role of the Middle Longitudinal Fascicle in Language and Auditory Pathways** *CEREBRAL CORTEX*
Wang, Y., Fernandez-Miranda, J. C., Verstynen, T., Pathak, S., Schneider, W., Yeh, F.
2013; 23 (10): 2347–56
- **Endoscopic endonasal surgery for skull base chordomas: experience with 84 patients**
Koutourousiou, M., Gardner, P. A., Fernandez-Miranda, J. C., Henry, S. L., Wang, E. W., Snyderman, C. H.
ELSEVIER SCIENCE INC.2013: S68
- **Endoscopic endonasal surgery for giant pituitary adenomas: advantages and limitations** *Clinical article JOURNAL OF NEUROSURGERY*
Koutourousiou, M., Gardner, P. A., Fernandez-Miranda, J. C., Paluzzi, A., Wang, E. W., Snyderman, C. H.
2013; 118 (3): 621–31
- **Endoscopic endonasal middle clinoidectomy: anatomic, radiological, and technical note.** *Neurosurgery*
Fernandez-Miranda, J. C., Tormenti, M., Latorre, F., Gardner, P., Snyderman, C.
2012; 71 (2 Suppl Operative): ons233–ons239
- **Endoscopic Endonasal Transclival Approach to the Jugular Tubercle** *NEUROSURGERY*
Fernandez-Miranda, J. C., Morera, V. A., Snyderman, C. H., Gardner, P.
2012; 71: 146–58
- **High-Definition Fiber Tractography of the Human Brain: Neuroanatomical Validation and Neurosurgical Applications** *NEUROSURGERY*
Fernandez-Miranda, J. C., Pathak, S., Engh, J., Jarbo, K., Verstynen, T., Yeh, F., Wang, Y., Mintz, A., Boada, F., Schneider, W., Friedlander, R.
2012; 71 (2): 430–53
- **Craniopharyngioma: A pathologic, clinical, and surgical review** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H., Devaney, K. O., Strojjan, P., Suarez, C., Genden, E. M., Rinaldo, A., Ferlito, A.
2012; 34 (7): 1036–44
- **Endoscopic endonasal approach to cholesterol granulomas of the petrous apex: a series of 17 patients** *Clinical article JOURNAL OF NEUROSURGERY*
Paluzzi, A., Gardner, P., Fernandez-Miranda, J. C., Pinheiro-Neto, C. D., Scopel, T., Koutourousiou, M., Snyderman, C. H.
2012; 116 (4): 792–98
- **Microvascular Anatomy of the Medial Temporal Region: Part 1: Its Application to Arteriovenous Malformation Surgery** *NEUROSURGERY*
Fernandez-Miranda, J. C., de Oliveira, E., Rubino, P. A., Wen, H., Rhoton, A. L.
2010; 67 (3): 237–76
- **"Far-Medial" Expanded Endonasal Approach to the Inferior Third of the Clivus: The Transcondylar and Transjugular Tubercle Approaches** *NEUROSURGERY*

- Morera, V. A., Fernandez-Miranda, J. C., Prevedello, D. M., Madhok, R., Barges-Coll, J., Gardner, P., Carrau, R., Snyderman, C. H., Rhoton, A. L., Kassam, A. B.
2010; 66 (6): ONS211–ONS219
- **Three-dimensional microsurgical and tractographic anatomy of the white matter of the human brain** *NEUROSURGERY*
Fernandez-Miranda, J. C., Rhoton, A. L., Alvarez-Linera, J., Kakizawa, Y., Choi, C., de Oliveira, E. P.
2008; 62 (6): 989–1026
 - **Benchmarking Surgical Outcomes for Endoscopic Transnasal Craniopharyngioma Resection: Implications for Clinical Practice From the RAPID Consortium.** *Operative neurosurgery (Hagerstown, Md.)*
Tenhoeve, S. A., Orton, C., Gautam, D., Silverstein, J. M., Kim, A. H., Evans, J. J., Barkhoudarian, G., Fernandez-Miranda, J. C., Pacione, D. R., Kim, W., Bergsneider, M., Chicoine, M. R., Zada, et al
2026
 - **Adamantinomatous craniopharyngioma: outcomes from a US multicenter registry cohort (RAPID consortium study).** *Journal of neurosurgery*
Shinya, Y., Palit, S. R., Peris Celda, M., Little, A. S., Pacult, M. A., Gardner, P., Zenonos, G., Evans, J., Fernandez-Miranda, J., Mamelak, A., Rennert, R. C., Couldwell, W. T., Zada, et al
2026: 1-11
 - **Standardized Perioperative Protocols Are Associated With Reduced Length of Stay and Readmission in Cushing Disease: Results From the Multicenter RAPID Study.** *Neurosurgery*
Suryadevara, C. M., Salcedo-Sifuentes, J. E., Little, A. S., Yuen, K. C., Magana Mendoza, M., Gardner, P., Zenonos, G., Silverstein, J. M., Kim, A. H., Evans, J. J., Barkhoudarian, G., Fernandez-Miranda, J. C., Couldwell, et al
2026
 - **Action classification for endoscopic pituitary adenoma resection: a consensus-based study.** *International journal of computer assisted radiology and surgery*
Starup-Hansen, J., Khan, D. Z., Das, A., Almeida, J. P., Bano, S., Borg, A., Cleary, K., Dorward, N., Fernandez-Miranda, J. C., Torres-Rodríguez, E., Stoyanov, D., Yilmaz, R., Weir, et al
2026
 - **Risk Factors for Postoperative Cerebrospinal Fluid Leak Following Endoscopic Transsphenoidal Surgery for Craniopharyngioma: A Multicenter Cohort Study with a Contemporary Surgeon Practice Survey.** *Research square*
Palit, S. R., Shinya, Y., Celda, M. P., Karsy, M., Evans, J. J., Chicoine, M. R., Kim, A. H., Patel, B., Kim, W., Bergsneider, M., Pacione, D. R., Gardner, P., Mukherjee, et al
2026
 - **Inferolateral trunk: anatomical study, surgical relevance, and technical nuances in lateral transcavernous endoscopic endonasal surgery.** *Journal of neurosurgery*
Agostini, L., Rychen, J., Vigo, V., Xu, Y., Arifianto, M. R., Khan, D. Z., Xiao, L., Bex, A., Ozaydin, D., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2026: 1-13
 - **Multi-center comparison of corticotropin releasing hormone vs. desmopressin stimulation responses in inferior petrosal sinus sampling for Cushing's disease.** *Clinical neurology and neurosurgery*
Tenhoeve, S. A., Silverstein, J. M., Kim, A. H., Evans, J. J., Collopy, C., Rennert, R., Couldwell, W. T., Barkhoudarian, G., Fernandez-Miranda, J. C., Pacione, D. R., Kim, W., Bergsneider, M., et al
2026; 266: 109393
 - **Sublabial and Endonasal Multicorridor Approaches to the Anterior Orbit: An Anatomic Cross-Sectional Study and Clinical Application.** *Operative neurosurgery (Hagerstown, Md.)*
Sangatsuda, Y., Kuga, D., Murakami, D., Komune, N., Miyamoto, Y., Suzuki, T., Xu, Y., Yoshimoto, K., Fernandez-Miranda, J. C.
2026
 - **Artificial Intelligence-Based Quantification of Indocyanine Green Fluorescence for Standardized Perfusion Assessment in Endoscopic Skull Base Surgery** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Sethi, S., Daum, R., Grimm, D., Yong, M., Hosseinzadeh, F., Lee, C. K., Fernandez-Miranda, J. C., Nayak, J. V., Patel, Z. M., Hwang, P. H., Chang, M. T.
2026
 - **Added Sinonasal Morbidity of Transpterygoid Approach versus Transsphenoidal Approach: A Case-Controlled Analysis.** *Journal of neurological surgery. Part B, Skull base*

- Saroya, J., Huang, A. E., Hooseinzadeh, F., Lee, C. K., Fernandez-Miranda, J., Hwang, P. H., Patel, Z. M., Nayak, J. V., Chang, M. T.
2026; 87 (1): 43-49
- **Middle Turbinate Preservation Technique During Transpterygoid Approaches for Skull Base Surgery.** *The Laryngoscope*
Renteria, A. E., Fieux, M., Silva, B. C., Levi, L., Azevedo, A., Chang, M. T., Fernandez-Miranda, J. C., Nayak, J. V.
2026
 - **Critical views for safe surgical phase progression in endoscopic endonasal transsphenoidal pituitary adenoma resection: modified Delphi consensus.** *Pituitary*
Zaletel, T., Khan, D. Z., Wijekoon, A., Mao, Z., Almeida, J. P., Borg, A., Chainey, J., Cusimano, M. D., Donoho, D. A., Dorward, N., Fernandez-Miranda, J. C., Fiore, G., Giannis, et al
2026; 29 (1): 35
 - **Outcomes for Sinonasal Undifferentiated Carcinoma (SNUC): An International Multi-Center Retrospective Cohort Study.** *Cancers*
Liu, J., Takahashi, Y., Rehman, U., Turri-Zanoni, M., Mattavelli, D., Counsell, N., Ferrari, M., Rampinelli, V., Vermi, W., Lombardi, D., Saade, R., Park, K. W., Emanuel, et al
2026; 18 (3)
 - **Endoscopic endonasal surgery for optic nerve sheath and optic canal meningiomas: 2D operative video.** *Neurosurgical focus: Video*
Burgos-Sosa, E., Xu, Y., Lamano, J., Vigo, V., Banu, M. A., Chang, M., Liu, C., Fernandez-Miranda, J. C.
2026; 14 (1): V12
 - **Frontolateral transfalcine approach to olfactory groove meningioma: rationale for surgical selection. Two-dimensional video.** *Neurosurgical focus: Video*
Burgos-Sosa, E., Vigo, V., Xu, Y., Hontiveros, B., Reza Arifianto, M., Banu, M. A., Fernandez-Miranda, J. C.
2026; 14 (1): V4
 - **Combined Transcranial-Orbital Approach for Resection of a Pediatric Optic Nerve Glioma With Preservation of the Annulus of Zinn: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Alvarez, A. S., Palejwala, A., Chuang, J., Kossler, A. L., Prolo, L. M., Fernandez-Miranda, J. C.
2025
 - **Cavernous Sinus Exenteration for Invasive Mucormycosis: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Lee, C. K., Vigo, V., Kim, L. H., Xu, Y., Gambatesa, E., Chang, M. T., Fischbein, N. J., Steinberg, G. K., Fernandez-Miranda, J. C.
2025
 - **Using Indocyanine Green Fluorescence Angiography to Evaluate the Impact of Surgical and Patient Factors on Posterior Septal Artery Perfusion in Endoscopic Skull Base Surgery.** *Journal of neurological surgery. Part B, Skull base*
Daum, R., Grimm, D., Yong, M., Hosseinzadeh, F., Lee, C. K., Fernandez-Miranda, J. C., Nayak, J. V., Patel, Z. M., Hwang, P. H., Chang, M. T.
2025; 86 (6): e2-e7
 - **The lateral orbitotomy approach: Technical nuances and video-illustration.** *Clinical neurology and neurosurgery*
Abou-Al-Shaar, H., El Ahmadi, T. Y., Nuñez, M., Vigo, V., Moon, J. H., Fernandez-Miranda, J. C., Cohen-Gadol, A. A.
2025; 260: 109235
 - **Proton Beam vs Intensity-Modulated Radiotherapy in Olfactory Neuroblastoma.** *JAMA otolaryngology-- head & neck surgery*
Tang, A., Adida, S., Donohue, J., Olson, B., Krippaehne, E., Rooddar, P., Goetschel, K., Gago, G., Almeida, J. P., Champagne, P. O., Fernandez-Miranda, J. C., Gardner, P., Hwang, et al
2025
 - **Endoscopic Endonasal Supratotal Resection of a Pediatric Clival Chordoma With Intradural Extension and Brainstem Compression.** *Operative neurosurgery (Hagerstown, Md.)*
Alvarez, A. S., Palejwala, A., Nayak, J., Maher, C., Fernandez-Miranda, J. C.
2025
 - **Development and validation of clinical screening systems for Cushing disease in the United States.** *Pituitary*
Salcedo-Sifuentes, J. E., Mehta, S., Suryadevara, C. M., Bergsneider, M., Yuen, K. C., Gardner, P. A., Silverstein, J. M., Kim, A. H., Evans, J. J., Barkhoudarian, G., Fernandez-Miranda, J. C., Couldwell, W. T., Rennert, et al
2025; 28 (6): 108
 - **Does Debridement of Intracranial Disease in Acute Invasive Fungal Sinusitis Improve Survival?** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*

- Huang, A. E., Lee, C. K., Nayak, J. V., Hwang, P. H., Patel, Z. M., Fernandez-Miranda, J. C., Chang, M. T.
2025
- **Expanded Endoscopic Endonasal Approach for Resection of Abducens Nerve Schwannoma Within the Cavernous Sinus and Posterior Fossa: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Asmaro, K., Vigo, V., Kim, L. H., Nernekli, K., Nunez, M. A., Patel, Z. M., Fernandez-Miranda, J. C.
2025
 - **A Multicenter Study of Unplanned Hospital Readmissions after Transsphenoidal Surgery for Cushing's Disease.** *Journal of neurological surgery. Part B, Skull base*
Pacult, M. A., Karsy, M., Evans, J. J., Kim, W., Pacione, D. R., Gardner, P. A., Fernandez-Miranda, J. C., Zada, G., Rennert, R. C., Silverstein, J. M., Kim, A. H., Kshetry, V. R., Chicoine, et al
2025; 86 (5): 562-569
 - **Functionality of Pituitary Tumors Impacts Sinonasal Quality of Life Before and After Endoscopic Surgery.** *The Laryngoscope*
Wongworawut, Y., Hwang, P. H., Nayak, J. V., Dodd, R., Fernandez-Miranda, J. C., Patel, Z. M.
2025
 - **Impact of adjuvant radiation therapy on outcomes in grade 2 conventional chondrosarcoma.** *Journal of neurosurgery*
Rubino, F., Zenonos, G. A., Algattas, H., Gardner, P. A., Fernandez-Miranda, J. C., Vigo, V., DeMonte, F., Raza, S. M.
2025: 1-13
 - **Role of somatostatin receptor 2 (SSTR2) in pituitary adenomas.** *Clinical and translational medicine*
Power, Y., Liu, J., Rehman, U., Kjerimi, A., Schartinger, V., Counsell, N., Starup-Hansen, J., Newall, N., Lund, V. J., Mohyeldin, A., Fernandez-Miranda, J. C., Lavezo, J., Patel, et al
2025; 15 (8): e70435
 - **A core outcome set for pituitary surgery research: an international delphi consensus study.** *Pituitary*
Valetopoulou, A., Newall, N., Khan, D. Z., Borg, A., Bouloux, P. M., Bremner, F., Buchfelder, M., Cudlip, S., Dorward, N., Drake, W. M., Fernandez-Miranda, J. C., Fleseriu, M., Geltzeiler, et al
2025; 28 (4): 88
 - **Patency of the Cavernous Sinus After Medial Wall Resection: An Observational Study** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Renteria, A. E., Fieux, M., Castro, B., Levi, L., Hung, L., Azevedo, A., Lee, C. K., Chang, M. T., Hwang, P. H., Nayak, J., Fischbein, N., Fernandez-Miranda, J., Patel, et al
2025
 - **In Reply: Extradural and Intradural Anterior Clinoidectomy: Technical Nuances and Video Illustration.** *Operative neurosurgery (Hagerstown, Md.)*
Kohli, G., El Ahmadieh, T. Y., Vigo, V., Gurses, M. E., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2025
 - **Development of a virtual dissection environment integrated into cadaveric dissection for skull base anatomy education.** *Journal of neurosurgery*
Uchida, T., Kin, T., Xu, Y., Kiyofuji, S., Shono, N., Kakizawa, Y., Cohen-Gadol, A., Fernandez-Miranda, J. C., Saito, N.
2025: 1-12
 - **June 4: International Skull Base Surgery Day.** *Journal of neurological surgery. Part B, Skull base*
Gudis, D. A., Bleier, B. S., Eloy, J. A., Evans, J. J., Fernandez-Miranda, J. C., Gardner, P. A., Geltzeiler, M., Grayson, J. W., Harvey, R. J., Illing, E. A., Kennedy, D. W., Klatt-Cromwell, C., Kuan, et al
2025; 86 (3): 243-244
 - **Outcome metrics for primary endoscopic endonasal surgery for low-risk patients with Cushing's disease: an evidence-based position statement from the Registry of Adenomas of the Pituitary and Related Disorders consortium.** *Journal of neurosurgery*
Karsy, M., Kshetry, V. R., Evans, J. J., Barkhoudarian, G., Kim, W., Pacione, D. R., Gardner, P. A., Fernandez-Miranda, J. C., Benjamin, C. G., Catalino, M. P., Zada, G., Rennert, R. C., Silverstein, et al
2025: 1-9
 - **Expert Strategies: Skull Base Reconstruction-Global Perspectives, Insights, and Algorithms through a MixedMethods Approach.** *International forum of allergy & rhinology*

- Kuan, E. C., Talati, V., Patel, J. A., Nguyen, T. V., Abiri, A., Pang, J. C., Goshtasbi, K., Liu, L., Craig, J. R., Papagiannopoulos, P., Phillips, K. M., Tajudeen, B. A., Adappa, et al
2025: e23596
- **Paired molecular profiling of malignant transformation of an epidermoid cyst for potential genetic drivers: illustrative case.** *Journal of neurosurgery. Case lessons*
Harary, P. M., Hori, Y. S., Kassu, R., Persad, A. R., Tayag, A., Ustrzynski, L., Emrich, S. C., Gibbs, I. C., Park, D. J., Chang, S. D., Fernandez-Miranda, J. C.
2025; 9 (18)
 - **Commentary: Is It Justified to Sacrifice the Pituitary Stalk During Craniopharyngioma Surgery? A Systematic Review and Meta-Analysis.** *Neurosurgery*
Abou-Al-Shaar, H., Zenonos, G. A., Fernandez-Miranda, J. C., Gardner, P. A.
2025; 96 (4): e81-e82
 - **June 4: International Skull Base Surgery Day** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Gudis, D. A., Bleier, B. S., Eloy, J., Evans, J. J., Fernandez-Miranda, J., Gardner, P. A., Geltzeiler, M., Grayson, J. W., Harvey, R. J., Illing, E. A., Kennedy, D. W., Klatt-Cromwell, C., Kuan, et al
2025
 - **June 4: International Skull Base Surgery Day.** *International forum of allergy & rhinology*
Gudis, D. A., Bleier, B. S., Eloy, J. A., Evans, J. J., Fernandez-Miranda, J. C., Gardner, P. A., Geltzeiler, M., Grayson, J. W., Harvey, R. J., Illing, E. A., Kennedy, D. W., Klatt-Cromwell, C., Kuan, et al
2025
 - **Extradural and Intradural Anterior Clinoidectomy: Technical Nuances and Video Illustration.** *Operative neurosurgery (Hagerstown, Md.)*
Kohli, G., El Ahmadieh, T., Vigo, V., Nuñez, M. A., Gurses, M. E., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2025
 - **The Far-Lateral Approach and Its Variants: Technical Nuances and Video Illustration.** *Operative neurosurgery (Hagerstown, Md.)*
Kohli, G., Song, M., El Ahmadieh, T. Y., Vigo, V., Gurses, M. E., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2025
 - **Identifying research priorities for pituitary adenoma surgery: an international Delphi consensus statement.** *Pituitary*
Newall, N., Valetopoulou, A., Khan, D. Z., Borg, A., Bouloux, P. M., Bremner, F., Buchfelder, M., Cudlip, S., Dorward, N., Drake, W. M., Fernandez-Miranda, J. C., Fleseriu, M., Geltzeiler, et al
2025; 28 (2): 36
 - **Clival fibrous dysplasia in which short interval disease progression posed a diagnostic challenge in a skeletally mature patient: a case report.** *Journal of medical case reports*
Tinnut, S., Pham, N., Nayak, J., Fernandez-Miranda, J. C., Vogel, H., Fischbein, N.
2025; 19 (1): 83
 - **Impact of Frailty on Surgical Outcomes of Patients With Cushing Disease Using the Multicenter Registry of Adenomas of the Pituitary and Related Disorders Registry.** *Neurosurgery*
Findlay, M. C., Rennert, R. C., Lucke-Wold, B., Couldwell, W. T., Evans, J. J., Collopy, S., Kim, W., Delery, W., Pacione, D. R., Kim, A. H., Silverstein, J. M., Kanga, M., Chicoine, et al
2025; 96 (2): 386-395
 - **Complications of Endonasal Odontoidectomy in Pediatric versus Adult Populations: A Systematic Review and Meta-Analysis.** *Journal of neurological surgery. Part B, Skull base*
Kosaraju, N., Lee, C. K., Qian, Z. J., Fernandez-Miranda, J. C., Nayak, J. V., Chang, M. T.
2025; 86 (1): 82-91
 - **Ipsilateral Nasoseptal Flaps in a Transpterygoid Approach: Technical Pearls and Reconstruction Outcomes.** *Journal of neurological surgery. Part B, Skull base*
Chang, M. T., Grimm, D., Asmaro, K., Yong, M., Low, C., Lee, C. K., Nayak, J. V., Hwang, P. H., Fernandez-Miranda, J. C., Patel, Z. M.
2025; 86 (1): 76-81
 - **Added Sinonasal Morbidity of Transpterygoid Approach versus Transsphenoidal Approach: A Case-Controlled Analysis** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Saroya, J., Huang, A. E., Hooseinzadeh, F., Lee, C. K., Fernandez-Miranda, J., Hwang, P. H., Patel, Z. M., Nayak, J. V., Chang, M. T.

2025

- **Ethical Use of Cadaveric Images in Anatomical Textbooks, Atlases, and Journals: A Consensus Response From Authors and Editors.** *Clinical anatomy (New York, N.Y.)*
Iwanaga, J., Kim, H. J., Akita, K., Logan, B. M., Hutchings, R. T., Ottone, N., Nonaka, Y., Anand, M., Burns, D., Singh, V., Peris-Celda, M., Martinez-Soriano, F., Apaydin, et al
2025
- **Cushing's Disease Clinical Phenotype and Tumor Behavior Vary with Age: Diagnostic and Perioperative Implications.** *The Journal of clinical endocrinology and metabolism*
Salcedo-Sifuentes, J. E., Shih, R., Heaney, A. P., Bergsneider, M., Wang, M. B., Donangelo, I., Lee, J., Delery, W., Karsy, M., Kshetry, V. R., Yuen, K. C., Evans, J. J., Barkhoudarian, et al
2025
- **Feasibility of robotic posterior fossa skull base surgery.** *Neurosurgical focus*
Lee, M. H., Xiao, L., Rychen, J., Rinaldi, M. P., Arifianto, M. R., Vigo, V., Fernandez-Miranda, J. C.
2024; 57 (6): E5
- **Surgical anatomy of the inferior hypophyseal artery and its relevance for endoscopic endonasal skull base surgery.** *Journal of neurosurgery*
Xiao, L., Arifianto, M. R., Rinaldi, M., Rychen, J., Lee, M. H., Nunez, M. A., Xu, Y., Vigo, V., Cohen-Gadol, A., Fernandez-Miranda, J. C.
2024: 1-8
- **Implementation of high-definition fiber tractography for preoperative evaluation and surgical planning of brainstem cavernous malformation: long-term outcomes.** *Journal of neurosurgery*
Fernandes Cabral, D. T., Zenonos, G. A., Barrios-Martinez, J., Bonhomme, G. R., Yeh, F. C., Fernandez-Miranda, J. C., Friedlander, R. M.
2024: 1-9
- **Trigeminal Malignant Melanotic Nerve Sheath Tumor: 3-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Agostini, L., Rychen, J., Vigo, V., Ljubimov, V. A., Fernandez-Miranda, J. C.
2024
- **Pathologic dural invasion is associated with regional recurrence in olfactory neuroblastoma: A multi-institutional study.** *International forum of allergy & rhinology*
Tang, A., Taori, S., Fung, N., Almeida, J. P., Champagne, P. O., Fernandez-Miranda, J. C., Gardner, P., Hwang, P. H., Nayak, J. V., Patel, C., Patel, Z. M., Celda, M. P., Pinheiro-Neto, et al
2024
- **Using Indocyanine Green Fluorescence Angiography to Evaluate the Impact of Surgical and Patient Factors on Posterior Septal Artery Perfusion in Endoscopic Skull Base Surgery** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Daum, R., Grimm, D., Yong, M., Hosseinzadeh, F., Lee, C. K., Fernandez-Miranda, J. C., Nayak, J., Patel, Z. M., Hwang, P. H., Chang, M. T.
2024
- **Phosphaturic Mesenchymal Tumor and Tumor-Induced Osteomalacia: A Report of 5 Cases, Including 2 Skull Base Cases With Arterial Spin Label Perfusion.** *Journal of computer assisted tomography*
Grewal, I., Fischbein, N., Dodd, R., Lee, K. C., Fernandez-Miranda, J., Sellmeyer, E. D., Pham, N.
2024
- **Surgical anatomy of the carotid sympathetic plexus in endoscopic endonasal approaches: strategies for preventing Horner syndrome.** *Journal of neurosurgery*
Xu, Y., Arifianto, M. R., Lee, C. K., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2024: 1-10
- **Early Neurosurgical Education in the Era of Distant Learning: Incorporating Virtual Reality and Cadaveric Specimen Demonstrations.** *World neurosurgery*
Savchuk, S., Vigo, V., Chidambaram, S., Nuñez, M., Anthony, D., Jansen, T., Steinberg, G. K., Fernandez-Miranda, J. C.
2024
- **Extended transcavernous posterior clinoidectomy in endoscopic endonasal surgery.** *Journal of neurosurgery*
Xu, Y., Lee, C. K., Rychen, J., Arifianto, M. R., Nunez, M. A., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2024: 1-11

- **Association of Decreased Enhancement of Nasoseptal Flap on Postoperative Magnetic Resonance Imaging with the Risk of Complication.** *Journal of neurological surgery. Part B, Skull base*
Wingrove, P. M., Arani, K. N., Snyderman, C. H., Gardner, P. A., Cabral, D. T., Zenonos, G. A., Wang, E. W., Chabot, J., Fernandez-Miranda, J. C., Chang, Y. F., Hughes, M. A.
2024; 85 (Suppl 2): e2-e9
- **Predictors of Durable Remission After Successful Surgery for Cushing Disease: Results From the Multicenter RAPID Registry.** *Neurosurgery*
Findlay, M. C., Tenhoeve, S., Alt, J., Rennert, R. C., Couldwell, W. T., Evans, J., Collopy, S., Kim, W., Delery, W., Pacione, D., Kim, A., Silverstein, J. M., Chicoine, et al
2024; 95 (4): 761-769
- **Second Generation Bypass: Step-by-Step Surgical and Anatomical Correlation: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Rubino, P. A., Fernandez-Miranda, J. C., Rinaldi, M., Núñez, M. A., Chuang, J., Martin, C., Arévalo, R. P., Bottan, J. S.
2024
- **Endoscopic endonasal pituitary sacrifice for select tumors with retrochiasmatic and/or retrosellar extension: surgical anatomy, operative technique, and case series** *JOURNAL OF NEUROSURGERY*
Rychen, J., Asmaro, K., Constanzo, F., Ljubimov, V. A., Lee, M., Rinaldi, M., Xiao, L., Gambatesa, E., Xu, Y., Lee, C. K., Vigo, V., Fernandez-Miranda, J. C.
2024; 141 (3): 762-772
- **Feasibility of Robotic Transorbital Surgery.** *Operative neurosurgery (Hagerstown, Md.)*
Lee, M. H., Xiao, L., Fernandez-Miranda, J. C.
2024
- **A Multicenter Study of Unplanned Hospital Readmissions after Transsphenoidal Surgery for Cushing's Disease** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Pacult, M. A., Karsy, M., Evans, J. J., Kim, W., Pacione, D. R., Gardner, P. A., Fernandez-Miranda, J. C., Zada, G., Rennert, R. C., Silverstein, J. M., Kim, A. H., Kshetry, V. R., Chicoine, et al
2024
- **Multicenter Registry of Adenomas of the Pituitary and Related Disorders: Initial Description of Cushing Disease Cohort, Surgical Outcomes, and Surgeon Characteristics.** *Neurosurgery*
Little, A. S., Karsy, M., Evans, J. J., Kim, W., Pacione, D. R., Kim, A. H., Gardner, P. A., Hendricks, B. K., Sarris, C. E., Torok, I. E., Low, T. M., Crocker, T. A., Valappil, et al
2024; 95 (2): 372-379
- **A phenomenon not to be missed: delayed postoperative cerebrospinal fluid rhinorrhea following no identifiable intraoperative leak in sellar surgery.** *Rhinology*
Kshirsagar, R. S., Eide, J. G., Abiri, A., Asmaro, K. P., Filip, P., Pangal, D., Ruzevick, J., Adappa, N. D., Batra, P. S., Bergsneider, M. S., Craig, J. R., Fernandez-Miranda, J. C., Gardner, et al
2024
- **Impact of Frailty on Surgical Outcomes of Patients With Cushing Disease Using the Multicenter Registry of Adenomas of the Pituitary and Related Disorders Registry.** *Neurosurgery*
Findlay, M. C., Rennert, R. C., Lucke-Wold, B., Couldwell, W. T., Evans, J. J., Collopy, S., Kim, W., Delery, W., Pacione, D. R., Kim, A. H., Silverstein, J. M., Kanga, M., Chicoine, et al
2024
- **Management of recurrent cerebrospinal fluid rhinorrhea caused by sequential, anatomically separated skull base defects - A case-based systematic review.** *World neurosurgery*
Hallenberger, T. J., Rychen, J., Soleman, J., Fernandez-Miranda, J. C., Brand, Y., Mariani, L., Roethlisberger, M.
2024
- **Predictors of Durable Remission After Successful Surgery for Cushing Disease: Results From the Multicenter RAPID Registry.** *Neurosurgery*
Findlay, M. C., Tenhoeve, S., Alt, J., Rennert, R. C., Couldwell, W. T., Evans, J., Collopy, S., Kim, W., Delery, W., Pacione, D., Kim, A., Silverstein, J. M., Chicoine, et al
2024

- **Endoscopic Endonasal Resection of a Thyroid-Stimulating Hormone-Secreting Pituitary Adenoma With Invasion of the Medial Wall of the Cavernous Sinus.** *Operative neurosurgery (Hagerstown, Md.)*
Ljubimov, V. A., Rychen, J., Lee, C. K., Cobos Sillero, M. I., Xu, Y., Fernandez-Miranda, J. C.
2024
- **The Utility of a "Second-Look" Debridement Following Endonasal Skull Base Surgery in the Pediatric Population.** *Journal of neurological surgery. Part B, Skull base*
Chang, M. T., Huang, A. E., Quon, J. L., Fernandez-Miranda, J. C., Wen, C. Z., Eide, J. G., Kshirsagar, R. S., Qian, Z. J., Nayak, J. V., Hwang, P. H., Adappa, N. D., Patel, Z. M.
2024; 85 (3): 313-317
- **Purely endoscopic subtemporal keyhole anterior transpetrosal approach to access the petrous apex region: surgical techniques and early results.** *Journal of neurosurgery*
Morisako, H., Sasaki, T., Ikegami, M., Tanoue, Y., Ohata, H., Goudihalli, S. R., Fernandez-Miranda, J. C., Ohata, K., Goto, T.
2024: 1-10
- **Recurrence morbidity of olfactory neuroblastoma.** *International forum of allergy & rhinology*
Melder, K., Mace, J. C., Choby, G., Almeida, J. P., Champagne, P., Chan, E., Ciporen, J., Chaskes, M. B., Fernandez-Miranda, J., Fung, N. K., Gardner, P., Hwang, P., Ji, et al
2024
- **Multicenter Registry of Adenomas of the Pituitary and Related Disorders: Initial Description of Cushing Disease Cohort, Surgical Outcomes, and Surgeon Characteristics.** *Neurosurgery*
Little, A. S., Karsy, M., Evans, J. J., Kim, W., Pacione, D. R., Kim, A. H., Gardner, P. A., Hendricks, B. K., Sarris, C. E., Torok, I. E., Low, T. M., Crocker, T. A., Valappil, et al
2024
- **Patient and caregiver perspectives of fluid discharge protocols following pituitary surgery.** *Journal of clinical & translational endocrinology*
Chang, J. J., Amano, A., Brown-Johnson, C., Chu, O., Gates-Bazarbay, V., Wipff, E., Kling, S. M., Alhadha, M., Carlos Fernandez-Miranda, J., Vilendrer, S.
2024; 35: 100336
- **Complications of Endonasal Odontoidectomy in Pediatric versus Adult Populations: A Systematic Review and Meta-Analysis** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Kosaraju, N., Lee, C. K., Qian, Z., Fernandez-Miranda, J. C., Nayak, J. V., Chang, M. T.
2024
- **Educational stereoscopic representation of a step-by-step brain white fiber dissection according to Klingler's method.** *Surgical and radiologic anatomy : SRA*
Jacquesson, T., Djarouf, I., Simon, É., Haegelen, C., Mertens, P., Picart, T., Fernandez-Miranda, J.
2024
- **Probabilistic coverage of the frontal aslant tract in young adults: Insights into individual variability, lateralization, and language functions.** *Human brain mapping*
Linn, W. J., Barrios-Martinez, J., Fernandes-Cabral, D., Jacquesson, T., Nuñez, M., Gomez, R., Anania, Y., Fernandez-Miranda, J., Yeh, F. C.
2024; 45 (3): e26630
- **The RAPID Consortium: A Platform for Clinical and Translational Pituitary Tumor Research.** *Journal of neurological surgery. Part B, Skull base*
Karsy, M., Kshetry, V., Gardner, P., Chicoine, M., Fernandez-Miranda, J. C., Evans, J. J., Barkhoudarian, G., Hardesty, D., Kim, W., Zada, G., Crocker, T., Torok, I., Little, et al
2024; 85 (1): 1-8
- **Ipsilateral Nasoseptal Flaps in a Transpterygoid Approach: Technical Pearls and Reconstruction Outcomes** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Chang, M. T., Grimm, D., Asmaro, K., Yong, M., Low, C., Lee, C. K., Nayak, J. V., Hwang, P. H., Fernandez-Miranda, J. C., Patel, Z. M.
2024
- **Anatomic and Surgical Considerations in the Management of a Sellar and Suprasellar Arachnoid Cyst: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Rychen, J., Constanzo, F., Chan, D., Kossler, A. L., Fernandez-Miranda, J. C.
2024

- **The Temporoparietal Fascia Flap Transposition Technique for Ventral Skull Base Reconstruction: Anatomic Analysis and Surgical Application.** *Operative neurosurgery (Hagerstown, Md.)*
Xu, Y., Asmaro, K., Mohyeldin, A., Nunez, M. A., Mao, Y., Cohen-Gadol, A. A., Nayak, J., Fernandez-Miranda, J. C.
2024
- **Spontaneous Orogenic Pneumocephalus Triggered by Air Travel.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otolaryngology and Neurotology*
Aaron, K. A., Eltawil, Y., Fernandez-Miranda, J. C., Jackler, R. K.
2024; 45 (1): e68-e70
- **Association of Decreased Enhancement of Nasoseptal Flap on Postoperative Magnetic Resonance Imaging with the Risk of Complication** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Wingrove, P. M., Arani, K. N., Snyderman, C. H., Gardner, P. A., Cabral, D., Zenonos, G. A., Wang, E. W., Chabot, J., Fernandez-Miranda, J. C., Chang, Y., Hughes, M. A.
2023
- **In Reply: Refining the Anatomy of Percutaneous Trigeminal Rhizotomy: A Cadaveric, Radiologic, and Surgical Study.** *Operative neurosurgery (Hagerstown, Md.)*
Xu, Y., Fernandez-Miranda, J. C., Cohen-Gadol, A. A.
2023
- **Intraoperative augmented reality fiber tractography complements cortical and subcortical mapping.** *World neurosurgery: X*
Chidambaram, S., Anthony, D., Jansen, T., Vigo, V., Fernandez Miranda, J. C.
2023; 20: 100226
- **Eustachian tube dysfunction symptoms after endonasal skull base surgery.** *International forum of allergy & rhinology*
Grimm, D., Daum, R., Castro Silva, B. R., Lee, C. K., Fernandez-Miranda, J. C., Nayak, J. V., Patel, Z. M., Hwang, P. H., Chang, M. T.
2023
- **Endoscopic Supraorbital Eyebrow Approach for Medium-Sized Tuberculum Sellae Meningiomas: A Cadaveric Stepwise Dissection, Technical Nuances, and Surgical** *WORLD NEUROSURGERY*
Sasaki, T., Morisako, H., Ikegami, M., Wardhana, D., Fernandez-Miranda, J., Goto, T.
2023; 176: E40-E48
- **Multicenter Survival Analysis and Application of an Olfactory Neuroblastoma Staging Modification Incorporating Hyams Grade.** *JAMA otolaryngology-- head & neck surgery*
Choby, G., Geltzeiler, M., Almeida, J. P., Champagne, P. O., Chan, E., Ciporen, J., Chaskes, M. B., Fernandez-Miranda, J., Gardner, P., Hwang, P., Ji, K. S., Kalyvas, A., Kong, et al
2023
- **Endoscopic Endonasal Transtuberculum Approach for Pediatric Tuberoinfundibular Craniopharyngioma: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Vigo, V., Chang, J. E., Nunez, M. A., Prolo, L. M., Hwang, P. H., Fernandez-Miranda, J. C.
2023
- **Endoscopic Endonasal Approach to the Ventral Petroclival Fissure: Anatomical Findings and Surgical Techniques** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Xu, Y., Mohyeldin, A., Lee, C. K. K., Nunez, M., Mao, Y., Cohen-Gadol, A. A., Fernandez-Miranda, J. C. C.
2023
- **Nerve to the zygomaticus major muscle: An anatomical study and surgical application to smile reconstruction.** *Clinical anatomy (New York, N.Y.)*
Yoshioka, N., Fernandez-Miranda, J. C.
2023
- **Pursuing perfect 2D and 3D photography in neuroanatomy: a new paradigm for staying up to date with digital technology** *JOURNAL OF NEUROSURGERY*
Xu, Y., Vigo, V., Klein, J., Nunez, M., Fernandez-Miranda, J. C., Cohen-Gadol, A. A., Mao, Y.
2023; 138 (6): 1766-1772
- **Fronto-Orbitozygomatic Approach for Cavernous Sinus Hemangioma: 3-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*

- Vigo, V., Asmaro, K. P., Nunez, M. A., Fernandez-Miranda, J. C.
2023
- **In Reply to the Letter to the Editor Regarding: "Endoscopic Contralateral Interhemispheric Transfalciine Keyhole Approach for Large Falcine Meningiomas".** *World neurosurgery*
Sakaeyama, Y., Morisako, H., Ohata, H., Nakajo, K., Valenzuela, J. C., Fernandez-Miranda, J. C., Goto, T.
2023; 173: 292-293
 - **An algorithm for the use of free tissue graft reconstruction in the endoscopic endonasal approach for pituitary tumors.** *World neurosurgery*
Hebert, A. M., Kuan, E. C., Wang, M. B., Snyderman, C. H., Gardner, P. A., Bergsneider, M., Fernandez-Miranda, J. C., Wang, E. W.
2023
 - **The Utility of a "Second-Look" Debridement Following Endonasal Skull Base Surgery in the Pediatric Population** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Chang, M. T., Huang, A. E., Quon, J. L., Fernandez-Miranda, J. C., Wen, C. Z., Eide, J. G., Kshirsagar, R. S., Qian, Z., Nayak, J. V., Hwang, P. H., Adappa, N. D., Patel, Z. M.
2023
 - **Endoscopic supraorbital eyebrow approach for medium-size tuberculum sellae meningiomas; a cadaveric stepwise dissection, technical nuances and surgical outcomes.** *World neurosurgery*
Sasaki, T., Morisako, H., Ikegami, M., Wardhana, D. W., Fernandez-Miranda, J. C., Goto, T.
2023
 - **Reappraisal of the anatomy of the frontotemporal branches of the facial nerve.** *Journal of neurosurgery*
Nunez, M. A., Mohyeldin, A., Marotta, D. A., Vigo, V., Asmaro, K., Xu, Y., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2023: 1-9
 - **Radiographic predictors of occult intracranial involvement in olfactory neuroblastoma patients.** *International forum of allergy & rhinology*
Geltzeiler, M., Choby, G. W., Ji, K. S., Mace, J. C., Almeida, J. P., de Almeida, J., Champagne, P., Chan, E., Ciporen, J. N., Chaskes, M. B., Cornell, S., Drozdowski, V., Fernandez-Miranda, et al
2023
 - **Orbital Resection by Intranasal Technique (ORBIT): A new classification system for reporting endoscopically resectable primary benign orbital tumors.** *International forum of allergy & rhinology*
Jafari, A., Adappa, N. D., Anagnos, V. J., Campbell, R. G., Castelnovo, P., Chalian, A., Chambers, C. B., Chitguppi, C., Dallan, I., Rassi, E. E., Freitag, S. K., Fernandez-Miranda, J. C., Ferreira, et al
2023
 - **Subtemporal Approach and Its Infratentorial Extension: Review and a Comparative Analysis of Different Techniques.** *Journal of neurological surgery. Part B, Skull base*
Dziedzic, T. A., Abhinav, K., Fernandez-Miranda, J. C.
2023; 84 (1): 89-97
 - **Refining the Anatomy of Percutaneous Trigeminal Rhizotomy: A Cadaveric, Radiological, and Surgical Study.** *Operative neurosurgery (Hagerstown, Md.)*
Xu, Y., El Ahmadieh, T. Y., Nunez, M. A., Zhang, Q., Liu, Y., Fernandez-Miranda, J. C., Cohen-Gadol, A. A., Mao, Y.
2023
 - **Extreme Far-Lateral Approach for Recurrent Chordoma: 3-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Vigo, V., Asmaro, K. P., Nunez, M. A., Bobrow, A., Dodd, R. L., Desai, A., Fernandez-Miranda, J. C.
2023
 - **A simple technique for generating 3D endoscopic images.** *Surgical neurology international*
Campero, A., Baloncini, M., Villalonga, J. F., Nerekli, K., Pipolo, D. O., Forlizzi, V., Fernandez-Miranda, J. C.
2023; 14: 54
 - **The RAPID Consortium: A Platform for Clinical and Translational Pituitary Tumor Research** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Karsy, M., Kshetry, V., Gardner, P., Chicoine, M., Fernandez-Miranda, J. C., Evans, J. J., Barkhoudarian, G., Hardesty, D., Kim, W., Zada, G., Crocker, T., Torok, I., Little, et al
2022

- **Endoscopic Endonasal Transpterygoid Approach for Resection of Carotid Sympathetic Plexus Schwannomas: A Cadaveric Stepwise Dissection, Technical Nuances and Surgical Outcomes** *WORLD NEUROSURGERY*
Wardhana, D., Morisako, H., Sasaki, T., Ikegami, M., Teranishi, Y., Fernandez-Miranda, J., Golo, T.
2023; 169: E221-E229
- **Endoscopic Endonasal Transpterygoid Approach for Resection of Carotid Sympathetic Plexus Schwannomas: a cadaveric stepwise dissection, technical nuances and surgical outcomes.** *World neurosurgery*
Wardhana, D. W., Morisako, H., Sasaki, T., Ikegami, M., Teranishi, Y., Fernandez-Miranda, J. C., Goto, T.
2022
- **Pursuing perfect 2D and 3D photography in neuroanatomy: a new paradigm for staying up to date with digital technology.** *Journal of neurosurgery*
Xu, Y., Vigo, V., Klein, J., Nunez, M. A., Fernandez-Miranda, J. C., Cohen-Gadol, A. A., Mao, Y.
2022: 1-7
- **Frontotemporal-Orbitozygomatic Approach and Its Variants: Technical Nuances and Video Illustration.** *Operative neurosurgery (Hagerstown, Md.)*
El Ahmadi, T. Y., Nunez, M., Vigo, V., Abou-Al-Shaar, H., Fernandez-Miranda, J. C., Cohen-Gadol, A. A.
2022
- **Surgical Limitations of the Microscopic Transciliary Supraorbital Keyhole Approach to the Anterior and Middle Skull Base.** *World neurosurgery*
Borghei-Razavi, H., Eguiluz-Melendez, A., Wenping, X., Truong, H. Q., Fernandes-Cabral, D., Najera, E., Stefko, T., Fernandez-Miranda, J. C., Gardner, P. A.
2022
- **Magnetic Resonance Diffusion Tractography of Brain White Matter tracts-An Educational 3-Dimensional Stereoscopic Overview for Operative Planning and Mapping in Brain Tumor Surgery: 3-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Ng, S., Lima Maldonado, I., Destrieux, C., Yeh, F., Fernandez-Miranda, J., Duffau, H., Jacquesson, T.
2022; 23 (3): e177
- **Intracranial Breakthrough Through Cavernous Sinus Compartments: Anatomic Study and Implications for Pituitary Adenoma Surgery.** *Operative neurosurgery (Hagerstown, Md.)*
Xu, Y., Mohyeldin, A., Asmaro, K. P., Nunez, M. A., Doniz-Gonzalez, A., Vigo, V., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2022; 23 (2): 115-124
- **Endoscopic contralateral interhemispheric transfalcine keyhole approach for large falcine meningioma.** *World neurosurgery*
Sakaeyama, Y., Morisako, H., Ohata, H., Nakajo, K., Valenzuela, J. C., Fernandez-Miranda, J. C., Goto, T.
2022
- **Primary central nervous system amyloidoma involving cranial nerves V and VII: A case report and literature review** *INTERDISCIPLINARY NEUROSURGERY-ADVANCED TECHNIQUES AND CASE MANAGEMENT*
Son, E., Mohyeldin, A., Men, C., Pendharkar, A., Fernandez-Miranda, J. C., Kossler, A. L.
2022; 28
- **Comparison of Endoscopic Endonasal Approach and Lateral Microsurgical Infratemporal Fossa Approach to the Jugular Foramen: An Anatomical Study.** *Journal of neurological surgery. Part B, Skull base*
Liu, J., Pinheiro-Neto, C. D., Yang, D., Wang, E., Gardner, P. A., Hirsch, B. E., Snyderman, C. H., Fernandez-Miranda, J. C.
2022; 83 (Suppl 2): e474-e483
- **Differential tractography as a dynamic imaging biomarker: A methodological pilot study for Huntington's disease.** *NeuroImage. Clinical*
Barrios-Martinez, J. V., Fernandes-Cabral, D. T., Abhinav, K., Fernandez-Miranda, J. C., Chang, Y., Suski, V., Yeh, F., Friedlander, R. M.
2022; 35: 103062
- **Ideal trajectory for frontal ventriculostomy: Radiological study and anatomical study.** *Clinical neurology and neurosurgery*
Vigo, V., Tassinari, A., Scerrati, A., Cavallo, M. A., Rodriguez-Rubio, R., Fernandez-Miranda, J. C., De Bonis, P.
2022; 217: 107264
- **The role of endoscopic endonasal surgery in the management of prolactinomas based on their invasiveness into the cavernous sinus.** *Pituitary*

- Abou-Al-Shaar, H., Mallela, A. N., Patel, A., Shariff, R. K., Shin, S. S., Choi, P. A., Faraji, A. H., Fazeli, P. K., Costacou, T., Wang, E. W., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, et al
2022
- **Endoscopic Endonasal Approach for Suprasellar Mature Teratoma in Growing Teratoma Syndrome: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Vigo, V., Prolo, L. M., Nunez, M. A., Nayak, J. V., Fernandez-Miranda, J. C.
2022
 - **Combined transpetrosal approach for giant petroclival meningioma: 2-dimensional operative video.** *Neurosurgical focus: Video*
Vigo, V., Asmaro, K., Nunez, M. A., Mohyeldin, A., Jackler, R. K., Fernandez-Miranda, J. C.
2022; 6 (2): V8
 - **Microsurgical anatomy and the importance of the petrosal process of the sphenoid bone in endonasal surgery.** *Journal of neurosurgery*
Doniz-Gonzalez, A., Vigo, V., Nunez, M. A., Xu, Y., Mohyeldin, A., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2022: 1-12
 - **Anatomic Considerations in Endoscopic Pituitary Surgery.** *Otolaryngologic clinics of North America*
Low, C. M., Vigo, V., Nunez, M., Fernandez-Miranda, J. C., Patel, Z. M.
2022
 - **Anatomical Limits of the Endoscopic Contralateral Transmaxillary Approach to the Petrous Apex and Petroclival Region.** *Journal of neurological surgery. Part B, Skull base*
Mangussi-Gomes, J., Alves-Belo, J. T., Truong, H. Q., Nogueira, G. F., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.
2022; 83 (1): 44-52
 - **Microsurgical Anatomy of the Dorsal Clinoidal Space: Implications for Endoscopic Endonasal Parasellar Surgery Abstracts** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Xu, Y., Nunez, M. A., Mohyeldin, A., Vigo, V., Mao, Y., Cohen-Gadol, A. A., Fernandez-Miranda, J.
2022; 83
 - **Subtemporal Approach and Its Infratentorial Extension: Review and a Comparative Analysis of Different Techniques** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Dziedzic, T., Abhinav, K., Fernandez-Miranda, J. C.
2022
 - **Cranial and Cerebral Anatomic Key Points for Neurosurgery: A New Educational Insight.** *Operative neurosurgery (Hagerstown, Md.)*
Simon, E., Beuriat, P. A., Delabar, V., Jouanneau, E., Fernandez-Miranda, J., Jacquesson, T.
2022; 22 (1): e18-e27
 - **Full cervical cord tractography: A new method for clinical use.** *Frontiers in neuroanatomy*
Dauleac, C., Frindel, C., Pelissou-Guyotat, I., Nicolas, C., Yeh, F., Fernandez-Miranda, J., Cotton, F., Jacquesson, T.
2022; 16: 993464
 - **Update in Cushing disease: What the neurosurgeon has to KNOW, on behalf of the EANS skull base section.** *Brain & spine*
Eulate-Beramendi, S., Casajus, A., Ollero, L., Niemann, L. K., Fernandez-Miranda, J. C., Bruneau, M., Berhouma, M., Cavallo, L. M., Cornelius, J. F., Daniel, R. T., Froelich, S., Jouanneau, E., Kasper, et al
2022; 2: 100917
 - **Clinical outcomes, Kadish-INSICA staging and therapeutic targeting of somatostatin receptor 2 in olfactory neuroblastoma.** *European journal of cancer (Oxford, England : 1990)*
Lechner, M., Takahashi, Y., Turri-Zanoni, M., Liu, J., Counsell, N., Hermsen, M., Kaur, R. P., Zhao, T., Ramanathan, M. J., Schartinger, V. H., Emanuel, O., Helman, S., Varghese, et al
1800
 - **Microvascular anatomy of the medial temporal region.** *Journal of neurosurgery*
Xu, Y., Mohyeldin, A., Nunez, M. A., Doniz-Gonzalez, A., Vigo, V., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
1800: 1-13
 - **Endoscopic Anatomy of the Zygomatic Nerve: Implications for the Endoscopic Transmaxillary Approach** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*

- Xu, Y., Nunez, M., Mohyeldin, A., Fernandez-Miranda, J. C., Cohen-Gadol, A. A.
2021
- **Venous thromboembolism rates and risk factors following endoscopic skull base surgery.** *International forum of allergy & rhinology*
Chang, M. T., Jitaroon, K., Song, S., Roozdar, P., Wangworat, Y., Ibrahim, N., Ma, Y., Rao, V. K., Chang, S. D., Fernandez-Miranda, J. C., Patel, Z. M., Dodd, R. L., Hwang, et al
2021
 - **In Reply: Residual and Recurrent Disease Following Endoscopic Endonasal Approach as a Reflection of Anatomic Limitation for the Resection of Midline Anterior Skull Base Meningiomas.** *Operative neurosurgery (Hagerstown, Md.)*
Setty, P., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2021
 - **The Modular Concept in Skull Base Surgery: Anatomical Basis of the Median, Paramedian and Lateral Corridors.** *Acta bio-medica : Atenei Parmensis*
Giotta Lucifero, A., Fernandez-Miranda, J. C., Nunez, M., Bruno, N., Tartaglia, N., Ambrosi, A., Marseglia, G. L., Galzio, R., Luzzi, S.
2021; 92 (S4): e2021411
 - **Residual and Recurrent Disease Following Endoscopic Endonasal Approach as a Reflection of Anatomic Limitation for the Resection of Midline Anterior Skull Base Meningiomas.** *Operative neurosurgery (Hagerstown, Md.)*
Setty, P., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2021
 - **Comparison of Endoscopic Endonasal Approach and Lateral Microsurgical Infratemporal Fossa Approach to the Jugular Foramen: An Anatomical Study** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Liu, J., Pinheiro-Neto, C. D., Yang, D., Wang, E., Gardner, P. A., Hirsch, B. E., Snyderman, C. H., Fernandez-Miranda, J. C.
2021
 - **Microsurgical Anatomy of the Endoscopy-Assisted Retrosigmoid Intradural Suprameatal Approach to the Meckel's Cave.** *Operative neurosurgery (Hagerstown, Md.)*
Xu, Y., Hendricks, B. K., Nunez, M. A., Mohyeldin, A., Fernandez-Miranda, J. C., Cohen-Gadol, A. A.
2021
 - **Microsurgical anatomy of the lateral posterior choroidal artery: implications for intraventricular surgery involving the choroid plexus.** *Journal of neurosurgery*
Xu, Y., Mohyeldin, A., Doniz-Gonzalez, A., Vigo, V., Pastor-Escartin, F., Meng, L., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2021: 1–16
 - **Multi-compartment skull base orbital cavernous venous malformation: A rare presentation of a common orbital mass.** *American journal of ophthalmology case reports*
Azad, A. D., Sears, C. M., Hwang, P. H., Mohyeldin, A., Fernandez-Miranda, J., Kossler, A. L.
2021; 21: 101020
 - **Mucosal Grafting Reduces Recurrence After Endonasal Surgery of Petrous Apex Cholesterol Granulomas.** *The Laryngoscope*
Patel, C. R., Snyderman, C. H., Fernandez-Miranda, J. C., Gardner, P. A., Wang, E. W.
2021
 - **Interhemispheric Precuneus Retrosplenial Transfalcine Approach for Falcotentorial Meningiomas: Anatomic Study and Clinical Series.** *Operative neurosurgery (Hagerstown, Md.)*
Celtikci, E. n., Nunez, M. n., Liu, J. K., Gardner, P. A., Cohen-Gadol, A. A., Fernandez-Miranda, J. C.
2021
 - **Contralateral Interhemispheric Transfalcine Transprecuneus Approach: Advancing Operative Angles to Deep-Seated Lesions.** *World neurosurgery*
Fernandez-Miranda, J. C., Xu, Y., Hendricks, B. K., Cohen-Gadol, A.
2020; 144: 341–50
 - **Anatomy of the Orbit** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Lieber, S., Fernandez-Miranda, J. C.
2020

- **The Effect of Nasoseptal Flap Elevation on Post-Operative Olfaction and Sinonasal Quality of Life: A Prospective Double-Blinded Randomized Controlled Trial.** *American journal of rhinology & allergy*
Chou, C. T., Valappil, B., Mattos, J. L., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C., Wang, E. W.
2020: 1945892420957505
- **Anatomical Limits of the Endoscopic Contralateral Transmaxillary Approach to the Petrous Apex and Petroclival Region** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Mangussi-Gomes, J., Alves-Belo, J. T., Truong, H. Q., Nogueira, G. F., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.
2020
- **In Reply: Precautions for Endoscopic Transnasal Skull Base Surgery During the COVID-19 Pandemic** *NEUROSURGERY*
Patel, Z. M., Fernandez-Miranda, J., Hwang, P. H., Nayak, J. V., Dodd, R. L., Sajjadi, H., Jackler, R. K.
2020; 87 (2): E162–E163
- **Managing complications of endoscopic transsphenoidal surgery in pituitary adenomas.** *Expert review of endocrinology & metabolism*
Abhinav, K., Tyler, M., Dale, O. T., Mohyeldin, A., Fernandez-Miranda, J. C., Katznelson, L.
2020: 1–9
- **Anatomy of the Orbit.** *Journal of neurological surgery. Part B, Skull base*
Lieber, S., Fernandez-Miranda, J. C.
2020; 81 (4): 319-332
- **Structural white matter connectometry of word production in aphasia: an observational study.** *Brain : a journal of neurology*
Hula, W. D., Panesar, S., Gravier, M. L., Yeh, F., Dresang, H. C., Dickey, M. W., Fernandez-Miranda, J. C.
2020
- **Big Data, Big Impact: The Potential for Data Science in Neurosurgery.** *World neurosurgery*
Panesar, S. S., Fernandez-Miranda, J.
2020; 138: 558–59
- **Full tractography for detecting the position of cranial nerves in preoperative planning for skull base surgery: technical note** *JOURNAL OF NEUROSURGERY*
Jacquesson, T., Yeh, F., Panesar, S., Barrios, J., Attye, A., Frindel, C., Cotton, F., Gardner, P., Jouanneau, E., Fernandez-Miranda, J. C.
2020; 132 (5): 1642–52
- **In Reply: Precautions for Endoscopic Transnasal Skull Base Surgery During the COVID-19 Pandemic.** *Neurosurgery*
Patel, Z. M., Fernandez-Miranda, J., Hwang, P. H., Nayak, J. V., Dodd, R. L., Sajjadi, H., Jackler, R. K.
2020
- **Results of a prospective multicenter controlled study comparing surgical outcomes of microscopic versus fully endoscopic transsphenoidal surgery for nonfunctioning pituitary adenomas: the Transsphenoidal Extent of Resection (TRANSSPHER) Study** *JOURNAL OF NEUROSURGERY*
Little, A. S., Kelly, D. F., White, W. L., Gardner, P. A., Fernandez-Miranda, J. C., Chicoine, M. R., Barkhoudarian, G., Chandler, J. P., Prevedello, D. M., Liebelt, B. D., Sfondouris, J., Mayberg, M. R., TRANSSPHER Study Grp
2020; 132 (4): 1043–53
- **Endoscopic endonasal resection of a large tuberculoma sella meningioma.** *Neurosurgical focus: Video*
Mohyeldin, A., Nayak, J. V., Fernandez-Miranda, J. C.
2020; 2 (2): V3
- **Endoscopic endonasal surgery for giant pediatric craniopharyngioma.** *Neurosurgical focus: Video*
Mohyeldin, A., Hwang, P., Grant, G. A., Fernandez-Miranda, J. C.
2020; 2 (2): V8
- **Neurosurgery and Manned Spaceflight** *NEUROSURGERY*
Panesar, S. S., Fernandez-Miranda, J. C., Kliot, M., Ashkan, K.
2020; 86 (3): 317–24
- **Seizure Risk following Open and Expanded Endoscopic Endonasal Approaches for Intradural Skull Base Tumors.** *Journal of neurological surgery. Part B, Skull base*

- Goldschmidt, E. n., Chabot, J. D., Algattas, H. n., Lieber, S. n., Khattar, N. n., Nakassa, A. C., Angriman, F. n., Snyderman, C. H., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A.
2020; 81 (6): 673–79
- **The Anterior (Endoscopic Endonasal) Approach and Outcomes for Foramen Magnum Tumors** *SURGERY OF THE CRANIO-VERTEBRAL JUNCTION*
Zwagerman, N. T., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
edited by Tessitore, E., Dehdashti, A. R., Schonauer, C., Thome, C.
2020: 395-402
 - **Endoscopic Endonasal Approach for Resection of Suprasellar Hemangioblastoma: Selective Pituitary Sacrifice and Use of Indocyanine Dye: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Abhinav, K. n., Gimenez, P. n., Tyler, M. n., Patel, Z. M., Fernandez-Miranda, J. C.
2020
 - **Evaluation of Surgical Resection Goal and Its Relationship to Extent of Resection and Patient Outcomes in a Multicenter Prospective Study of Patients With Surgically Treated, Nonfunctioning Pituitary Adenomas: A Case Series** *OPERATIVE NEUROSURGERY*
Little, A. S., Chicoine, M. R., Kelly, D. F., Sarris, C. E., Mooney, M. A., White, W. L., Gardner, P. A., Fernandez-Miranda, J. C., Barkhoudarian, G., Chandler, J. P., Prevedello, D. M., Liebelt, B. D., Sfondouris, et al
2020; 18 (1): 26–33
 - **Experience With the Endoscopic Contralateral Transmaxillary Approach to the Petroclival Skull Base.** *The Laryngoscope*
Snyderman, C. H., Gardner, P. A., Wang, E. W., Fernandez-Miranda, J. C., Valappil, B. n.
2020
 - **The Smith-Robinson Approach to the Subaxial Cervical Spine: A Stepwise Microsurgical Technique Using Volumetric Models From Anatomic Dissections.** *Operative neurosurgery (Hagerstown, Md.)*
Vigo, V. n., Pastor-Escartín, F. n., Doniz-Gonzalez, A. n., Quilis-Quesada, V. n., Capilla-Guasch, P. n., González-Darder, J. M., De Bonis, P. n., Fernandez-Miranda, J. C.
2020
 - **Reduced Tearing With Stable Quality of Life After Vidian Neurectomy: A Prospective Controlled Trial.** *The Laryngoscope*
Wang, E. W., Gardner, P. A., Fraser, S. n., Stefko, S. T., Fernandez-Miranda, J. C., Snyderman, C. H.
2020
 - **Endoscopic transnasal transmaxillary approach to the upper parapharyngeal space and the skull base.** *European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery*
Liu, Q., Wang, H., Zhao, W., Song, X., Sun, X., Yu, H., Wang, D., Fernandez-Miranda, J. C., Snyderman, C. H.
2019
 - **Anatomical Variations in the Location of Veins Draining Into the Anterior Superior Sagittal Sinus: Implications for the Transbasal Approach.** *Operative neurosurgery (Hagerstown, Md.)*
Borghei-Razavi, H., Raghavan, A., Eguiluz-Melendez, A., Joshi, K., Fernandez-Miranda, J. C., Kshetry, V. R., Recinos, P. F.
2019
 - **Promises and Perils of Artificial Intelligence in Neurosurgery.** *Neurosurgery*
Panesar, S. S., Klot, M., Parrish, R., Fernandez-Miranda, J., Cagle, Y., Britz, G. W.
2019
 - **Proposal and Validation of a Simple Grading Scale (TRANSSPHER Grade) for Predicting Gross Total Resection of Nonfunctioning Pituitary Macroadenomas After Transsphenoidal Surgery** *OPERATIVE NEUROSURGERY*
Mooney, M. A., Sarris, C. E., Zhou, J. J., Barkhoudarian, G., Chicoine, M. R., Fernandez-Miranda, J. C., Gardner, P. A., Hardesty, D. A., Jahnke, H., Kelly, D. F., Liebelt, B. D., Mayberg, M. R., Prevedello, et al
2019; 17 (5): 460–69
 - **Nasopharyngeal muscle patch for the management of internal carotid artery injury in endoscopic endonasal surgery.** *Journal of neurosurgery*
Wang, W., Lieber, S., Lan, M., Wang, E. W., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, P. A.
2019: 1–6

- **Validation of training levels in endoscopic endonasal surgery of the skull base** *LARYNGOSCOPE*
Lavigne, P., Faden, D., Gardner, P. A., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H.
2019; 129 (10): 2253–57
- **Endoscopic endonasal approach for resection of pediatric chordoma with brainstem invasion.** *Neurosurgical focus: Video*
Abhinav, K., Hong, D., Yan, C. H., Hwang, P., Fernandez-Miranda, J. C.
2019; 1 (2): V20
- **A minimally invasive endoscopic transnasal retropterygoid approach to the upper parapharyngeal space: anatomic studies and surgical implications.** *International forum of allergy & rhinology*
Liu, J., Sun, X., Liu, Q., Gu, Y., Li, H., Zheng, C., Wang, D., Fernandez-Miranda, J. C., Snyderman, C. H., Yu, H.
2019
- **Artificial Intelligence and the Future of Surgical Robotics** *ANNALS OF SURGERY*
Panesar, S., Cagle, Y., Chander, D., Morey, J., Fernandez-Miranda, J., Kliot, M.
2019; 270 (2): 223–26
- **ICAR: endoscopic skull-base surgery.** *International forum of allergy & rhinology*
Wang, E. W., Zanation, A. M., Gardner, P. A., Schwartz, T. H., Eloy, J. A., Adappa, N. D., Bettag, M., Bleier, B. S., Cappabianca, P., Carrau, R. L., Casiano, R. R., Cavallo, L. M., Ebert, et al
2019; 9 (S3): S145–S365
- **Surgical Anatomy of the Subcallosal Artery: Implications for Transcranial and Endoscopic Endonasal Surgery in the Suprachiasmatic Region** *OPERATIVE NEUROSURGERY*
Najera, E., Belo, J., Truong, H. Q., Gardner, P. A., Fernandez-Miranda, J. C.
2019; 17 (1): 79–87
- **In Reply: Neurosurgery and Manned Spaceflight** *NEUROSURGERY*
Panesar, S. S., Fernandez-Miranda, J. C., Kliot, M., Ashkan, K.
2019; 85 (1): E159–E160
- **Bilateral coagulation of inferior hypophyseal artery and pituitary transposition during endoscopic endonasal interdural posterior clinoidectomy: do they affect pituitary function?** *JOURNAL OF NEUROSURGERY*
Truong, H. Q., Borghei-Razavi, H., Najera, E., Nakassa, A., Wang, E. W., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2019; 131 (1): 141–46
- **Endoscopic endonasal surgery and the superior hypophyseal artery: further studies remain mandatory Response** *JOURNAL OF NEUROSURGERY*
Truong, H. Q., Fernandez-Miranda, J. C., Gardner, P. A.
2019; 131 (1): 330–31
- **Endoscopic endonasal superomedial orbitectomy: How far is safe and possible?** *The Laryngoscope*
Cardenas Ruiz-Valdepenas, E., Kaen, A., Gonzalez-Martinez, E., Gardner, P. A., Wang, E. W., Snyderman, C. H., Fernandez-Miranda, J. C.
2019
- **Clinical Experience with Secondary Endoscopic Reconstruction of Clival Defects with Extracranial Pericranial Flaps.** *Journal of neurological surgery. Part B, Skull base*
Gode, S., Lieber, S., Nakassa, A. C., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.
2019; 80 (3): 276–82
- **Proximal Branches of the Anterior Cerebral Artery: Anatomic Study and Applications to Endoscopic Endonasal Surgery** *OPERATIVE NEUROSURGERY*
Najera, E., Truong, H. Q., Belo, J., Borghei-Razavi, H., Gardner, P. A., Fernandez-Miranda, J.
2019; 16 (6): 734–42
- **In Reply: Neurosurgery and Manned Spaceflight.** *Neurosurgery*
Panesar, S. S., Fernandez-Miranda, J. C., Kliot, M., Ashkan, K.
2019
- **Prospective validation of a molecular prognostication panel for clival chordoma** *JOURNAL OF NEUROSURGERY*
Zenonos, G. A., Fernandez-Miranda, J. C., Mukherjee, D., Chang, Y., Panayidou, K., Snyderman, C. H., Wang, E. W., Seethala, R. R., Gardner, P. A.

2019; 130 (5): 1528–37

- **Endoscopic Endonasal Petrosectomy: Anatomical Investigation, Limitations, and Surgical Relevance** *OPERATIVE NEUROSURGERY*
Borghei-Razavi, H., Truong, H. Q., Cabral, D., Sun, X., Celtikci, E., Wang, E., Snyderman, C., Gardner, P. A., Fernandez-Miranda, J. C.
2019; 16 (5): 557–69
- **Lateral Transorbital Versus Endonasal Transpterygoid Approach to the Lateral Recess of the Sphenoid Sinus-A Comparative Anatomic Study**
Alves-Belo, J. T., Mangussi-Gomes, J., Truong, H. Q., Cohen, S., Gardner, P. A., Snyderman, C. H., Stefko, S., Wang, E. W., Fernandez-Miranda, J. C.
OXFORD UNIV PRESS INC.2019: 600–606
- **Endoscopic Endonasal Petrosectomy: Anatomical Investigation, Limitations, and Surgical Relevance.** *Operative neurosurgery (Hagerstown, Md.)*
Borghei-Razavi, H., Truong, H. Q., Fernandes Cabral, D. T., Sun, X., Celtikci, E., Wang, E., Snyderman, C., Gardner, P. A., Fernandez-Miranda, J. C.
2019; 16 (5): 557–70
- **Full tractography for detecting the position of cranial nerves in preoperative planning for skull base surgery: technical note.** *Journal of neurosurgery*
Jacquesson, T., Yeh, F., Panesar, S., Barrios, J., Attye, A., Frindel, C., Cotton, F., Gardner, P., Jouanneau, E., Fernandez-Miranda, J. C.
2019: 1–11
- **Machine Learning Versus Logistic Regression Methods for 2-Year Mortality Prognostication in a Small, Heterogeneous Glioma Database.** *World neurosurgery: X*
Panesar, S. S., D'Souza, R. N., Yeh, F., Fernandez-Miranda, J. C.
2019; 2: 100012
- **Endoscopic endonasal transoculomotor triangle approach for adenomas invading the parapeduncular space: surgical anatomy, technical nuances, and case series** *JOURNAL OF NEUROSURGERY*
Nunes, C., Lieber, S., Truong, H. Q., Zenonos, G., Wang, E. W., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2019; 130 (4): 1304–14
- **Results of a prospective multicenter controlled study comparing surgical outcomes of microscopic versus fully endoscopic transsphenoidal surgery for nonfunctioning pituitary adenomas: the Transsphenoidal Extent of Resection (TRANSSPHER) Study.** *Journal of neurosurgery*
Little, A. S., Kelly, D. F., White, W. L., Gardner, P. A., Fernandez-Miranda, J. C., Chicoine, M. R., Barkhoudarian, G., Chandler, J. P., Prevedello, D. M., Liebelt, B. D., Sfondouris, J., Mayberg, M. R., TRANSSPHER Study Group
2019: 1–11
- **Artificial Intelligence and the Future of Surgical Robotics.** *Annals of surgery*
Panesar, S., Cagle, Y., Chander, D., Morey, J., Fernandez-Miranda, J., Kliot, M.
2019
- **Validation of training levels in endoscopic endonasal surgery of the skull base.** *The Laryngoscope*
Lavigne, P., Faden, D., Gardner, P. A., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H.
2019
- **Left Pan-Hippocampal Low Grade Glioma2-Stage Transylvian Transventricular and Paramedian Supracerebellar Transtentorial Approaches: 2-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Fernandez-Miranda, J. C.
2019; 16 (3): E82
- **Structure, asymmetry, and connectivity of the human temporo-parietal aslant and vertical occipital fasciculi** *BRAIN STRUCTURE & FUNCTION*
Panesar, S. S., Belo, J. A., Yeh, F., Fernandez-Miranda, J. C.
2019; 224 (2): 907-923
- **Supracerebellar Infratentorial and Occipital Transtentorial Approaches to the Pulvinar: Ipsilateral Versus Contralateral Corridors** *OPERATIVE NEUROSURGERY*
Cohen-Cohen, S., Cohen-Gadol, A. A., Gomez-Amador, J. L., Alves-Belo, J. T., Shah, K. J., Fernandez-Miranda, J. C.
2019; 16 (3): 351–59

- **Supratotal Resection of Residual Clival Chordoma With Combined Endoscopic Endonasal and Contralateral Transmaxillary Approaches: 2-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Lavigne, P., Wang, E. W., Fernandez-Miranda, J. C.
2019; 16 (3): E88
- **Paramedian Supracerebellar Approach in Semi-Sitting Position for Endoscopic Resection of Pineal Cyst: 2-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Fernandez-Miranda, J. C.
2019; 16 (3): E79
- **Endoscopic endonasal surgery for epidermoid and dermoid cysts: a 10-year experience** *JOURNAL OF NEUROSURGERY*
Vaz-Guimaraes, F., Koutourousiou, M., de Almeida, J. R., Tyler-Kabara, E. C., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2019; 130 (2): 368–78
- **Endonasal Suturing of Nasoseptal Flap to Nasopharyngeal Fascia Using the V-Loc (TM) Wound Closure Device: 2-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Zwagerman, N. T., Geltzeiler, M. N., Wang, E. W., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, P. A.
2019; 16 (2): E40–E41
- **Effect of oxidized cellulose on human respiratory mucosa and submucosa and its implications for endoscopic skull-base approaches.** *International forum of allergy & rhinology*
Goldschmidt, E. n., Schneck, M. n., Gau, D. M., Carey, L. n., Rasmussen, J. n., Ferreyro, B. n., Ajler, P. n., Snyderman, C. n., Wang, E. n., Fernandez-Miranda, J. n., Gardner, P. A.
2019
- **Endoscopic anterior transmaxillary "transalisphenoid" approach to Meckel's cave and the middle cranial fossa: an anatomical study and clinical application** *JOURNAL OF NEUROSURGERY*
Truong, H. Q., Sun, X., Celtikci, E., Borghei-Razavi, H., Wang, E. W., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2019; 130 (1): 227-237
- **Tractography for Surgical Neuro-Oncology Planning: Towards a Gold Standard** *NEUROTHERAPEUTICS*
Panesar, S. S., Abhinav, K., Yeh, F., Jacquesson, T., Collins, M., Fernandez-Miranda, J.
2019; 16 (1): 36-51
- **Automatic Removal of False Connections in Diffusion MRI Tractography Using Topology-Informed Pruning (TIP)** *NEUROTHERAPEUTICS*
Yeh, F., Panesar, S., Barrios, J., Fernandes, D., Abhinav, K., Meola, A., Fernandez-Miranda, J. C.
2019; 16 (1): 52–58
- **Endoscopic Surgical Anatomy of the Cavernous Sinus** *TRANSNASAL ENDOSCOPIC SKULL BASE AND BRAIN SURGERY: SURGICAL ANATOMY AND ITS APPLICATIONS, 2ND EDITION*
Lieber, S., Fernandez-Miranda, J. C.
edited by Stamm, A. C.
2019: 313–24
- **Endoscopic Transnasal Approaches to the Skull Base and Brain: Classifications and its Applications** *TRANSNASAL ENDOSCOPIC SKULL BASE AND BRAIN SURGERY: SURGICAL ANATOMY AND ITS APPLICATIONS, 2ND EDITION*
Snyderman, C. H., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A.
edited by Stamm, A. C.
2019: 93–103
- **Skull Base Reconstruction: An Overview** *TRANSNASAL ENDOSCOPIC SKULL BASE AND BRAIN SURGERY: SURGICAL ANATOMY AND ITS APPLICATIONS, 2ND EDITION*
Mangussi-Gomes, J., Stamm, A. C., Snyderman, C. H., Fernandez-Miranda, J. C., Gardner, P. A., Wang, E. W.
edited by Stamm, A. C.
2019: 595–603
- **Endoscopic Endonasal Approach for Olfactory Groove Meningiomas** *TRANSNASAL ENDOSCOPIC SKULL BASE AND BRAIN SURGERY: SURGICAL ANATOMY AND ITS APPLICATIONS, 2ND EDITION*
Gardner, P. A., Fernandez-Miranda, J. C., Snyderman, C. H., Wang, E. W.
edited by Stamm, A. C.

2019: 219–26

- **Endonasal Endoscopic Transplanum/Transtuberculum Approach: Surgical Anatomy (Step by Step) and Technical Nuances** *TRANSNASAL ENDOSCOPIC SKULL BASE AND BRAIN SURGERY: SURGICAL ANATOMY AND ITS APPLICATIONS, 2ND EDITION*
Lieber, S., Wang, W., Nunez, M., Cohen, S. C., Fernandez-Miranda, J. C.
edited by Stamm, A. C.
2019: 240–52
- **Endoscopic Nasopharyngectomy Combined with a Nerve-sparing Transpterygoid Approach.** *The Laryngoscope*
Geltzeiler, M. n., Turner, M. n., Rimmer, R. n., Zenonos, G. n., Hebert, A. n., Snyderman, C. n., Gardner, P. n., Fernandez-Miranda, J. n., Wang, E. W.
2019
- **Pituitary gland recovery following fully endoscopic transsphenoidal surgery for nonfunctioning pituitary adenoma: results of a prospective multicenter study.** *Journal of neurosurgery*
Little, A. S., Gardner, P. A., Fernandez-Miranda, J. C., Chicoine, M. R., Barkhoudarian, G. n., Prevedello, D. M., Yuen, K. C., Kelly, D. F.
2019: 1–7
- **The endoscopic endonasal approach for sinonasal and nasopharyngeal adenoid cystic carcinoma.** *The Laryngoscope*
Kashiwazaki, R. n., Turner, M. T., Geltzeiler, M. n., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H., Wang, E. W.
2019
- **Evaluation of Surgical Resection Goal and Its Relationship to Extent of Resection and Patient Outcomes in a Multicenter Prospective Study of Patients With Surgically Treated, Nonfunctioning Pituitary Adenomas: A Case Series.** *Operative neurosurgery (Hagerstown, Md.)*
Little, A. S., Chicoine, M. R., Kelly, D. F., Sarris, C. E., Mooney, M. A., White, W. L., Gardner, P. A., Fernandez-Miranda, J. C., Barkhoudarian, G. n., Chandler, J. P., Prevedello, D. M., Liebelt, B. D., Sfondouris, et al
2019
- **Commentary: The Nomenclature of Human White Matter Association Pathways: Proposal for a Systematic Taxonomic Anatomical Classification.** *Frontiers in neuroanatomy*
Panesar, S. S., Fernandez-Miranda, J.
2019; 13: 61
- **Patient-specific 3-dimensionally printed models for neurosurgical planning and education.** *Neurosurgical focus*
Panesar, S. S., Magnetta, M. n., Mukherjee, D. n., Abhinav, K. n., Branstetter, B. F., Gardner, P. A., Iv, M. n., Fernandez-Miranda, J. C.
2019; 47 (6): E12
- **Surgical Anatomy of the Subcallosal Artery: Implications for Transcranial and Endoscopic Endonasal Surgery in the Suprachiasmatic Region.** *Operative neurosurgery (Hagerstown, Md.)*
Najera, E., Alves Belo, J. T., Truong, H. Q., Gardner, P. A., Fernandez-Miranda, J. C.
2018
- **Tractography for Surgical Neuro-Oncology Planning: Towards a Gold Standard.** *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*
Panesar, S. S., Abhinav, K., Yeh, F., Jacquesson, T., Collins, M., Fernandez-Miranda, J.
2018
- **Structure, asymmetry, and connectivity of the human temporo-parietal aslant and vertical occipital fasciculi.** *Brain structure & function*
Panesar, S. S., Belo, J. T., Yeh, F., Fernandez-Miranda, J. C.
2018
- **Endoscope-Assisted Retrosigmoid Approach for Cerebellopontine Angle Epidermoid Tumor.** *Journal of neurological surgery. Part B, Skull base*
Vaz-Guimaraes, F., Gardner, P. A., Fernandez-Miranda, J. C.
2018; 79 (Suppl 5): S409–S410
- **Evaluation of Intranasal Flap Perfusion by Intraoperative Indocyanine Green Fluorescence Angiography**
Geltzeiler, M., Nakassa, A., Turner, M., Setty, P., Zenonos, G., Hebert, A., Wang, E., Fernandez-Miranda, J., Snyderman, C., Gardner, P.
OXFORD UNIV PRESS INC.2018: 672-676
- **Left Transsylvian Transcisternal and Transinferior Insular Sulcus Approach for Resection of Uncohippocampal Tumor: 3-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*

- Fernandez-Miranda, J. C.
2018; 15 (6): E79
- **Endoscope-Assisted Retrosigmoid Approach for Cerebellopontine Angle Epidermoid Tumor** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Vaz-Guimaraes, F., Gardner, P. A., Fernandez-Miranda, J. C.
2018; 79: S409-S410
 - **Evaluation of bendable surgical suction devices made of shape memory alloy for the endonasal transsphenoid removal of pituitary tumors** *ENT-EAR NOSE & THROAT JOURNAL*
Grunert, R., Klietz, S., Gardner, P. A., Fernandez-Miranda, J. C., Snyderman, C. H.
2018; 97 (12): 413–16
 - **Neurosurgery and Manned Spaceflight.** *Neurosurgery*
Panesar, S. S., Fernandez-Miranda, J. C., Kliot, M., Ashkan, K.
2018
 - **Endoscopic Endonasal Transclival Approach for Resection of a Pontine Glioma: Surgical Planning, Surgical Anatomy, and Technique** *OPERATIVE NEUROSURGERY*
Cabral, D., Zenonos, G. A., Nunez, M., Celtikci, P., Snyderman, C., Wang, E., Gardner, P. A., Fernandez-Miranda, J. C.
2018; 15 (5): 589-599
 - **Iatrogenic seeding of skull base chordoma following endoscopic endonasal surgery** *JOURNAL OF NEUROSURGERY*
Cabral, D., Zenonos, G. A., Fernandez-Miranda, J. C., Wang, E. W., Gardner, P. A.
2018; 129 (4): 947–53
 - **Automatic Removal of False Connections in Diffusion MRI Tractography Using Topology-Informed Pruning (TIP).** *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*
Yeh, F., Panesar, S., Barrios, J., Fernandes, D., Abhinav, K., Meola, A., Fernandez-Miranda, J. C.
2018
 - **Population-averaged atlas of the macroscale human structural connectome and its network topology** *NEUROIMAGE*
Yeh, F., Panesar, S., Fernandes, D., Meola, A., Yoshino, M., Fernandez-Miranda, J. C., Vettel, J. M., Verstynen, T.
2018; 178: 57–68
 - **Lateral Transorbital Versus Endonasal Transpterygoid Approach to the Lateral Recess of the Sphenoid Sinus-A Comparative Anatomic Study.** *Operative neurosurgery (Hagerstown, Md.)*
Alves-Belo, J. T., Mangussi-Gomes, J., Truong, H. Q., Cohen, S., Gardner, P. A., Snyderman, C. H., Stefko, S. T., Wang, E. W., Fernandez-Miranda, J. C.
2018
 - **Supracerebellar Infratentorial and Occipital Transtentorial Approaches to the Pulvinar: Ipsilateral Versus Contralateral Corridors.** *Operative neurosurgery (Hagerstown, Md.)*
Cohen-Cohen, S., Cohen-Gadol, A. A., Gomez-Amador, J. L., Alves-Belo, J. T., Shah, K. J., Fernandez-Miranda, J. C.
2018
 - **Surgical anatomy of the superior hypophyseal artery and its relevance for endoscopic endonasal surgery.** *Journal of neurosurgery*
Truong, H. Q., Najera, E., Zanabria-Ortiz, R., Celtikci, E., Sun, X., Borghesi-Razavi, H., Gardner, P. A., Fernandez-Miranda, J. C.
2018: 1–9
 - **Dorsal extensions of the fastigium cerebelli: an anatomical study using magnetic resonance imaging** *SURGICAL AND RADIOLOGIC ANATOMY*
Tsutsumi, S., Fernandez-Miranda, J., Ishii, H., Ono, H., Yasumoto, Y.
2018; 40 (7): 829–34
 - **Prospective validation of a molecular prognostication panel for clival chordoma.** *Journal of neurosurgery*
Zenonos, G. A., Mukherjee, D., Chang, Y., Panayidou, K., Snyderman, C. H., Fernandez-Miranda, J. C., Wang, E. W., Seethala, R. R., Gardner, P. A.
2018: 1–10
 - **Left Transsylvian Transcisternal and Transinferior Insular Sulcus Approach for Resection of Uncohippocampal Tumor: 3-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*

Fernandez-Miranda, J. C.
2018

- **A Quantitative Tractography Study Into the Connectivity, Segmentation and Laterality of the Human Inferior Longitudinal Fasciculus** *FRONTIERS IN NEUROANATOMY*
Panesar, S. S., Yeh, F., Jacquesson, T., Hula, W., Fernandez-Miranda, J. C.
2018; 12: 47
- **The limits of transsellar/transtuberculum surgery for craniopharyngioma.** *Journal of neurosurgical sciences*
Koutourousiou, M., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2018; 62 (3): 301–9
- **The limits of transsellar/transtuberculum surgery for craniopharyngioma** *JOURNAL OF NEUROSURGICAL SCIENCES*
Koutourousiou, M., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2018; 62 (3): 301-309
- **Risk of Postoperative Complications in Patients with Obstructive Sleep Apnea following Skull Base Surgery** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
Huyett, P., Soose, R. J., Schell, A. E., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H., Wang, E. W.
2018; 158 (6): 1140–47
- **A Comparative Analysis of Endoscopic-Assisted Transoral and Transnasal Approaches to Parapharyngeal Space: A Cadaveric Study** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Sun, X., Yan, B., Truong, H. Q., Borghesi-Razavi, H., Snyderman, C. H., Fernandez-Miranda, J. C.
2018; 79 (3): 229–40
- **Injury of the Carotid Artery during Endoscopic Endonasal Surgery: Surveys of Skull Base Surgeons** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Rowan, N. R., Turner, M. T., Valappil, B., Fernandez-Miranda, J. C., Wang, E. W., Gardner, P. A., Snyderman, C. H.
2018; 79 (3): 302–8
- **Endonasal Suturing of Nasoseptal Flap to Nasopharyngeal Fascia Using the V-Loc Wound Closure Device: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Zwagerman, N. T., Geltzeiler, M. N., Wang, E. W., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, P. A.
2018
- **Population-averaged atlas of the macroscale human structural connectome and its network topology.** *NeuroImage*
Yeh, F., Panesar, S., Fernandes, D., Meola, A., Yoshino, M., Fernandez-Miranda, J. C., Vettel, J. M., Verstynen, T.
2018; 178: 57–68
- **Endoscopic Endonasal and Transcranial Surgery for Microsurgical Resection of Ventral Foramen Magnum Meningiomas: A Preliminary Experience.** *Operative neurosurgery (Hagerstown, Md.)*
Khattar, N., Koutourousiou, M., Chabot, J. D., Wang, E. W., Cohen-Gadol, A. A., Snyderman, C. H., Fernandez-Miranda, J. C., Gardner, P. A.
2018; 14 (5): 503–14
- **Endoscopic Endonasal and Transcranial Surgery for Microsurgical Resection of Ventral Foramen Magnum Meningiomas: A Preliminary Experience** *OPERATIVE NEUROSURGERY*
Khattar, N., Koutourousiou, M., Chabot, J. D., Wang, E. W., Cohen-Gadol, A. A., Snyderman, C. H., Fernandez-Miranda, J. C., Gardner, P. A.
2018; 14 (5): 503-513
- **Nasoseptal flap necrosis: a rare complication of endoscopic endonasal surgery** *JOURNAL OF NEUROSURGERY*
Chabot, J. D., Patel, C. R., Hughes, M. A., Wang, E. W., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2018; 128 (5): 1463–72
- **Fluorescence-aided evaluation of nasoseptal flap perfusion Response** *JOURNAL OF NEUROSURGERY*
Nakassa, A., Geltzeiler, M. N., Wang, E. W., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2018; 128 (5): 1596–97
- **Diagnosis and endoscopic endonasal management of nontraumatic pseudoaneurysms of the cranial base** *INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY*
Faden, D. L., Hughes, M. A., Lavigne, P., Jankowitz, B. T., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.

2018; 8 (5): 641–47

- **The epitrigeminal approach to the brainstem.** *Journal of neurosurgery*
Zenonos, G. A., Fernandes-Cabral, D., Nunez, M., Lieber, S., Fernandez-Miranda, J. C., Friedlander, R. M.
2018; 128 (5): 1512–21
- **Risk factors associated with postoperative cerebrospinal fluid leak after endoscopic endonasal skull base surgery** *JOURNAL OF NEUROSURGERY*
Fraser, S., Gardner, P. A., Koutourousiou, M., Kubik, M., Fernandez-Miranda, J. C., Snyderman, C. H., Wang, E. W.
2018; 128 (4): 1066–71
- **Minimally Invasive Approaches for Anterior Skull Base Meningiomas: Supraorbital Eyebrow, Endoscopic Endonasal, or a Combination of Both? Anatomic Study, limitations, and Surgical Application** *WORLD NEUROSURGERY*
Borghei-Razavi, H., Truong, H. Q., Fernandes-Cabral, D. T., Celtikci, E., Chabot, J. D., Stefko, S., Wang, E. W., Snyderman, C. H., Cohen-Gadol, A., Gardner, P. A., Fernandez-Miranda, J. C.
2018; 112: E666–E674
- **Endoscopic Endonasal Approach for Complex Macroadenoma with Suprasellar and Retrochiasmatic Extension** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Najera, E., Snyderman, C. H., Fernandez-Miranda, J. C.
2018; 79: S284
- **Endoscopic Endonasal Approach for Complex Macroadenoma with Suprasellar and Retrochiasmatic Extension** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Najera, E., Snyderman, C. H., Fernandez-Miranda, J. C.
2018; 79: S284
- **Evaluation of Intranasal Flap Perfusion by Intraoperative Indocyanine Green Fluorescence Angiography.** *Operative neurosurgery (Hagerstown, Md.)*
Geltzeiler, M., Nakassa, A. C., Turner, M., Setty, P., Zenonos, G., Hebert, A., Wang, E., Fernandez-Miranda, J., Snyderman, C., Gardner, P.
2018
- **Endoscopic Endonasal Transclival Approach for Resection of a Pontine Glioma: Surgical Planning, Surgical Anatomy, and Technique.** *Operative neurosurgery (Hagerstown, Md.)*
Fernandes Cabral, D. T., Zenonos, G. A., Nunez, M., Celtikci, P., Snyderman, C., Wang, E., Gardner, P. A., Fernandez-Miranda, J. C.
2018
- **Generalized q-sampling imaging fiber tractography reveals displacement and infiltration of fiber tracts in low-grade gliomas** *NEURORADIOLOGY*
Celtikci, P., Fernandes-Cabral, D. T., Yeh, F., Panesar, S. S., Fernandez-Miranda, J. C.
2018; 60 (3): 267–80
- **Endoscopic endonasal resection of the odontoid process: clinical outcomes in 34 adults** *JOURNAL OF NEUROSURGERY*
Zwagerman, N. T., Tormenti, M. J., Tempel, Z. J., Wang, E. W., Snyderman, C. H., Fernandez-Miranda, J. C., Gardner, P. A.
2018; 128 (3): 923–31
- **Endoscopic anterior transmaxillary "transalisphenoid" approach to Meckel's cave and the middle cranial fossa: an anatomical study and clinical application.** *Journal of neurosurgery*
Truong, H. Q., Sun, X., Celtikci, E., Borghei-Razavi, H., Wang, E. W., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2018: 1–11
- **Infrasellar Endoscopic Endonasal Approach for a Pituitary Adenoma Extending into the Third Ventricle, with Anterior Displacement of the Pituitary Gland** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Zenonos, G. A., Wang, E. W., Fernandez-Miranda, J.
2018; 79 (2): S233–S234
- **Complete endoscopic resection of a pituitary stalk epidermoid cyst using a combined infrasellar interpituitary and suprasellar endonasal approach: case report** *JOURNAL OF NEUROSURGERY*
Nakassa, A. C. I., Chabot, J. D., Snyderman, C. H., Wang, E. W., Gardner, P. A., Fernandez-Miranda, J. C.
2018; 128 (2): 437–43

- **Surgical Anatomy of the Skull Base** *CHORDOMAS AND CHONDROSARCOMAS OF THE SKULL BASE AND SPINE, 2ND EDITION*
Zenonos, G., Lieber, S., Fernandez-Miranda, J. C.
edited by Harsh, G. R., VazGuimaraes, F.
2018: 89–106
- **Paratrigeminal, Paraclival, Precavernous, or All of the Above? A Circumferential Anatomical Study of the C3-C4 Transitional Segment of the Internal Carotid Artery.** *Operative neurosurgery (Hagerstown, Md.)*
Marcati, E. n., Andaluz, N. n., Froelich, S. C., Zimmer, L. A., Leach, J. L., Fernandez-Miranda, J. C., Kurbanov, A. n., Keller, J. T.
2018; 14 (4): 432–40
- **The medial wall of the cavernous sinus. Part 2: Selective medial wall resection in 50 pituitary adenoma patients.** *Journal of neurosurgery*
Cohen-Cohen, S. n., Gardner, P. A., Alves-Belo, J. T., Truong, H. Q., Snyderman, C. H., Wang, E. W., Fernandez-Miranda, J. C.
2018: 1–10
- **Does lumbar drainage reduce postoperative cerebrospinal fluid leak after endoscopic endonasal skull base surgery? A prospective, randomized controlled trial.** *Journal of neurosurgery*
Zwagerman, N. T., Wang, E. W., Shin, S. S., Chang, Y. F., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, P. A.
2018: 1–7
- **The foramen lacerum: surgical anatomy and relevance for endoscopic endonasal approaches.** *Journal of neurosurgery*
Wang, W. H., Lieber, S. n., Mathias, R. N., Sun, X. n., Gardner, P. A., Snyderman, C. H., Wang, E. W., Fernandez-Miranda, J. C.
2018: 1–12
- **The Endoscopic Endonasal Approach to Chordomas and Chondrosarcomas** *CHORDOMAS AND CHONDROSARCOMAS OF THE SKULL BASE AND SPINE, 2ND EDITION*
Gardner, P. A., Snyderman, C. H., Fernandez-Miranda, J. C., Wang, E. W.
edited by Harsh, G. R., VazGuimaraes, F.
2018: 141–49
- **"Live Cadaver" Model for Internal Carotid Artery Injury Simulation in Endoscopic Endonasal Skull Base Surgery.** *Operative neurosurgery (Hagerstown, Md.)*
Pacca, P., Jhavar, S. S., Seclen, D. V., Wang, E., Snyderman, C., Gardner, P. A., Aboud, E., Fernandez-Miranda, J. C.
2017; 13 (6): 732–38
- **A diffusion spectrum imaging-based tractographic study into the anatomical subdivision and cortical connectivity of the ventral external capsule: uncinata and inferior fronto-occipital fascicles** *NEURORADIOLOGY*
Panesar, S. S., Yeh, F., Deibert, C. P., Fernandes-Cabral, D., Rowthu, V., Celtikci, P., Celtikci, E., Hula, W. D., Pathak, S., Fernandez-Miranda, J. C.
2017; 59 (10): 971–87
- **Apples and Oranges: Proper Comparison of Costs - Endonasal vs. Transnasal** *WORLD NEUROSURGERY*
Gardner, P. A., Snyderman, C. H., Fernandez-Miranda, J. C., Wang, E. W.
2017; 106: 984–85
- **Fully Endoscopic Minimally Invasive Transrectus Capitis Posterior Muscle Triangle Approach to the Posterolateral Condyle and Jugular Tubercle** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Wang Mingdong, Fernandez-Miranda, J. C., Mathias, R., Wang, E., Gardner, P., Hong Wang
2017; 78 (5): 359–70
- **Endoscopic Endonasal Interdural Middle Fossa Approach to the Maxillary Nerve: Anatomic Considerations and Surgical Relevance** *OPERATIVE NEUROSURGERY*
Abhinav, K., Panczykowski, D., Wang, W., Snyderman, C. H., Gardner, P. A., Wang, E. W., Fernandez-Miranda, J. C.
2017; 13 (4): 522–28
- **Endoscopic Endonasal Approach to the Ventral Jugular Foramen: Anatomical Basis, Technical Considerations, and Clinical Series** *OPERATIVE NEUROSURGERY*
Vaz-Guimaraes, F., Nakassa, A. I., Gardner, P. A., Wang, E. W., Snyderman, C. H., Fernandez-Miranda, J. C.
2017; 13 (4): 482–90
- **Endoscopic Endonasal Surgery for Cranial Base Chondrosarcomas** *OPERATIVE NEUROSURGERY*
Vaz-Guimaraes, F., Fernandez-Miranda, J. C., Koutourousiou, M., Hamilton, R. L., Wang, E. W., Snyderman, C. H., Gardner, P. A.

2017; 13 (4): 421–34

- **Surgical Management of Vertex Epidural Hematoma: Technical Case Report and Literature Review** *WORLD NEUROSURGERY*
Fernandes-Cabral, D. T., Kooshkabadi, A., Panesar, S. S., Celtikci, E., Borghei-Razavi, H., Celtikci, P., Fernandez-Miranda, J. C.
2017; 103: 475–83
- **Endoscopic Endonasal Surgery for Tumors of the Cavernous Sinus: A Series of 234 Patients** *WORLD NEUROSURGERY*
Koutourousiou, M., Guimaraes Filho, F., Fernandez-Miranda, J. C., Wang, E. W., Stefko, S., Snyderman, C. H., Gardner, P. A.
2017; 103: 713–32
- **Lateral Orbitotomy Approach for Resection of Intraosseous SphenoidWing Meningioma: 3-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Chabot, J. D., Stefko, S., Fernandez-Miranda, J. C.
2017; 13 (3): 399
- **Multicorridor Endoscopic Endonasal and Supraorbital Approach for Orbital Roof Meningioma: 3-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Chabot, J. D., Stefko, S., Snyderman, C., Fernandez-Miranda, J.
2017; 13 (3): 401
- **Endoscopic Endonasal Approach for Adrenocorticotrophic Hormone-Secreting Pituitary Adenomas: Outcomes and Analysis of Remission Rates and Tumor Biochemical Activity with Respect to Tumor Invasiveness** *WORLD NEUROSURGERY*
Shin, S. S., Gardner, P. A., Ng, J., Faraji, A. H., Agarwal, N., Chivukula, S., Fernandez-Miranda, J. C., Snyderman, C. H., Challinor, S. M.
2017; 102: 651-+
- **Anatomic Considerations for Sinonasal and Ventral Skull Base Malignancy** *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA*
Willson, T. J., Fernandez-Miranda, J. C., Nunes, C., Lieber, S., Wang, E. W.
2017; 50 (2): 245-+
- **The Making of a Skull Base Team and the Value of Multidisciplinary Approach in the Management of Sinonasal and Ventral Skull Base Malignancies** *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA*
Snyderman, C. H., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A.
2017; 50 (2): 457-+
- **Outcomes of Endonasal and Lateral Approaches to Petroclival Meningiomas** *WORLD NEUROSURGERY*
Koutourousiou, M., Fernandez-Miranda, J. C., Vaz-Guimaraes Filho, F., de Almeida, J. R., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2017; 99: 500–517
- **Lateral Orbitotomy Approach for Lesions Involving the Middle Fossa: A Retrospective Review of Thirteen Patients** *NEUROSURGERY*
Chabot, J. D., Gardner, P. A., Stefko, S., Zwagerman, N. T., Fernandez-Miranda, J.
2017; 80 (2): 309–22
- **High-Definition Fiber Tractography in Evaluation and Surgical Planning of Thalamopeduncular Pilocytic Astrocytomas in Pediatric Population: Case Series and Review of Literature** *WORLD NEUROSURGERY*
Celtikci, E., Celtikci, P., Fernandes-Cabral, D., Ucar, M., Fernandez-Miranda, J., Borcek, A.
2017; 98: 463–69
- **Endoscopic Endonasal Optic Nerve Decompression for Fibrous Dysplasia** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
DeKlotz, T. R., Stefko, S., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H., Wang, E. W.
2017; 78 (1): 24–29
- **Total Human Eye Allotransplantation: Developing Surgical Protocols for Donor and Recipient Procedures** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Davidson, E. H., Wang, E. W., Yu, J. Y., Fernandez-Miranda, J. C., Wang, D. J., Richards, N., Miller, M., Schuman, J. S., Washington, K. M.
2016; 138 (6): 1297–1308
- **Endoscopic endonasal skull base surgery for vascular lesions: a systematic review of the literature** *JOURNAL OF NEUROSURGICAL SCIENCES*
Vaz-Guimaraes, F., Gardner, P. A., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H.
2016; 60 (4): 503–13

- **Endoscopic transnasal skull base surgery: pushing the boundaries** *JOURNAL OF NEURO-ONCOLOGY*
Zwagerman, N. T., Zenonos, G., Lieber, S., Wang, W., Wang, E. W., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, P. A.
2016; 130 (2): 319–30
- **Do Corticosteroids Compromise Survival in Glioblastoma?** *NEUROSURGERY*
Alkhalili, K., Zenonos, G., Fernandez-Miranda, J. C.
2016; 79 (4): N15–N16
- **Clinical Considerations for Vascularized Composite Allotransplantation of the Eye** *JOURNAL OF CRANIOFACIAL SURGERY*
Davidson, E. H., Wang, E. W., Yu, J. Y., Fernandez-Miranda, J. C., Wang, D. J., Li, Y., Miller, M., Sivak, W. N., Bourne, D., Wang, H., Solari, M. G., Schuman, J. S., Washington, et al
2016; 27 (7): 1622–28
- **Human Connectome-Based Tractographic Atlas of the Brainstem Connections and Surgical Approaches** *NEUROSURGERY*
Meola, A., Yeh, F., Fellows-Mayle, W., Weed, J., Fernandez-Miranda, J. C.
2016; 79 (3): 437–54
- **A description of the anatomy of the glossopharyngeal nerve as encountered in transoral surgery** *LARYNGOSCOPE*
Wang, C., Kundaria, S., Fernandez-Miranda, J., Duvvuri, U.
2016; 126 (9): 2010–15
- **Total Human Eye Allotransplantation (THEA): Preclinical Cadaveric Studies**
Miller, M. R., Davidson, E. H., Wang, E. W., Yu, J., Fernandez-Miranda, J. C., Wang, D. J., Schuman, J. S., Washington, K. M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC. 2016
- **Prof. Rhoton: Master and Mentor Tribute** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Fernandez-Miranda, J. C.
2016; 77 (4): 288–90
- **Visual Outcomes after Endoscopic Endonasal Approach for Craniopharyngioma: The Pittsburgh Experience** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Stefko, S., Snyderman, C., Fernandez-Miranda, J., Tyler-Kabara, E., Wang, E., Bodily, L., Bilonick, R. A., Gardner, P. A.
2016; 77 (4): 326–32
- **High-Definition Fiber Tractography in the Evaluation and Surgical Planning of Lhermitte-Duclos Disease: A Case Report** *WORLD NEUROSURGERY*
Fernandes-Cabral, D. T., Zenonos, G. A., Hamilton, R. L., Panesar, S. S., Fernandez-Miranda, J. C.
2016; 92: 587.e9–587.e13
- **Alu Methylation in Peripheral Blood Shows Promise for the Diagnosis and Prognostication of Glioma Patients** *WORLD NEUROSURGERY*
Alkhalili, K., Zenonos, G., Fernandez-Miranda, J.
2016; 92: 471–72
- **Visualization of Cranial Nerves Using High-Definition Fiber Tractography** *NEUROSURGERY*
Yoshino, M., Abhinav, K., Yeh, F., Panesar, S., Fernandes, D., Pathak, S., Gardner, P. A., Fernandez-Miranda, J. C.
2016; 79 (1): 146–65
- **Management of Major Vascular Injury During Endoscopic Endonasal Skull Base Surgery** *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA*
Gardner, P. A., Snyderman, C. H., Fernandez-Miranda, J. C., Jankowitz, B. T.
2016; 49 (3): 819–+
- **Interfascial Dissection for Protection of the Nerve Branches to the Frontalis Muscles during Supraorbital Trans-Eyebrow Approach: An Anatomical Study and Technical Note** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Mathias, R., Lieber, S., Pires de Aguiar, P., Calfat Maldaun, M., Gardner, P., Fernandez-Miranda, J. C.
2016; 77 (3): 265–70
- **The nondecussating pathway of the dentatorubrothalamic tract in humans: human connectome-based tractographic study and microdissection validation** *JOURNAL OF NEUROSURGERY*
Meola, A., Comert, A., Yeh, F., Sivakanthan, S., Fernandez-Miranda, J. C.

2016; 124 (5): 1406–12

- **2-Hydroxy-Glutarate 3-Dimensional Functional Spectroscopy in the Evaluation of Isocitrate Dehydrogenase-Mutant Glioma Response to Therapy** *NEUROSURGERY*
Alkhalili, K., Zenonos, G. A., Fernandez-Miranda, J. C.
2016; 78 (4): N9
- **Nasal Deformities Following Nasoseptal Flap Reconstruction of Skull Base Defects** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Rowan, N. R., Wang, E. W., Gardner, P. A., Fernandez-Miranda, J. C., Snyderman, C. H.
2016; 77 (1): 14–18
- **Skull Base Anatomy** *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA*
Patel, C. R., Fernandez-Miranda, J. C., Wang, W., Wang, E. W.
2016; 49 (1): 9-+
- **Atlanto-occipital Instability Following Endoscopic Endonasal Approach for Lower Clival Lesions: Experience With 212 Cases** *NEUROSURGERY*
Kooshkabadi, A., Choi, P. A., Koutourousiou, M., Snyderman, C. H., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A.
2015; 77 (6): 888–97
- **The Controversial Existence of the Human Superior Fronto-Occipital Fasciculus: Connectome-Based Tractographic Study With Microdissection Validation** *HUMAN BRAIN MAPPING*
Meola, A., Comert, A., Yeh, F., Stefanescu, L., Fernandez-Miranda, J. C.
2015; 36 (12): 4964–71
- **[Surgical anatomy, technique and application of endoscopic endonasal transpterygoid approach in skull base surgery].** *Zhonghua er bi yan hou tou jing wai ke za zhi = Chinese journal of otorhinolaryngology head and neck surgery*
Liu, J., Han, J., Yang, D., Liu, D., Li, R., Yu, Y., Zhang, Q., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.
2015; 50 (11): 909–14
- **Comparison of endoscopic endonasal and bifrontal craniotomy approaches for olfactory groove meningiomas: A matched pair analysis of outcomes and frontal lobe changes on MRI.** *Journal of clinical neuroscience*
de Almeida, J. R., Carvalho, F., Vaz Guimaraes Filho, F., Kiehl, T., Koutourousiou, M., Su, S., Vescan, A. D., Witterick, I. J., Zadeh, G., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A., Gentili, et al
2015; 22 (11): 1733-1741
- **Endoscopic Endonasal Clipping of Intracranial Aneurysms: Surgical Technique and Results** *WORLD NEUROSURGERY*
Gardner, P. A., Vaz-Guimaraes, F., Jankowitz, B., Koutourousiou, M., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H.
2015; 84 (5): 1380–93
- **Longitudinal evaluation of corticospinal tract in patients with resected brainstem cavernous malformations using high-definition fiber tractography and diffusion connectometry analysis: preliminary experience** *JOURNAL OF NEUROSURGERY*
Faraji, A. H., Abhinav, K., Jarbo, K., Yeh, F., Shin, S. S., Pathak, S., Hirsch, B. E., Schneider, W., Fernandez-Miranda, J. C., Friedlander, R. M.
2015; 123 (5): 1133–44
- **Anatomy of the posterior septal artery with surgical implications on the vascularized pedicled nasoseptal flap** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
Zhang, X., Wang, E. W., Wei, H., Shi, J., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2015; 37 (10): 1470–76
- **Screw fixation technique** *JOURNAL OF NEUROSURGERY-SPINE*
Gardner, P. A., Fernandez-Miranda, J. C., Snyderman, C. H., Wang, E. W.
2015; 23 (4): 536–37
- **Impact of Dynamic Endoscopy and Bimanual-Binocular Dissection in Endoscopic Endonasal Surgery Training: A Laboratory Investigation** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Vaz-Guimaraes, F., Rastelli, M. M., Fernandez-Miranda, J. C., Wang, E. W., Gardner, P. A., Snyderman, C. H.
2015; 76 (5): 365–71
- **Hemostasis in Endoscopic Endonasal Skull Base Surgery** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Vaz-Guimaraes, F., Su, S. Y., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.

2015; 76 (4): 296–302

- **Endonasal endoscopic surgery for squamous cell carcinoma of the sinonasal cavities and skull base: Oncologic outcomes based on treatment strategy and tumor etiology** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
de Almeida, J. R., Su, S. Y., Koutourousiou, M., Guimaraes Filho, F., Miranda, J., Wang, E. W., Gardner, P. A., Snyderman, C. H.
2015; 37 (8): 1163–69
- **Response to Letter to the Editor on "Extended Inferior Turbinate Flap for Endoscopic Reconstruction of Skull Base Defects."** *J Neurol Surg B* 2014;**75(B4):225-230** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Snyderman, C. H., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A.
2015; 76 (3): 248
- **Fully endoscopic retrosigmoid approach for posterior petrous meningioma and trigeminal microvascular decompression** *ACTA NEUROCHIRURGICA*
Vaz-Guimaraes, F., Gardner, P. A., Fernandez-Miranda, J. C.
2015; 157 (4): 611–15
- **Classification of Sphenoid Sinus Pneumatization: Relevance for Endoscopic Skull Base Surgery** *LARYNGOSCOPE*
Vaezi, A., Cardenas, E., Pinheiro-Neto, C., Paluzzi, A., Branstetter, B. F., Gardner, P. A., Snyderman, C. H., Fernandez-Miranda, J. C.
2015; 125 (3): 577–81
- **Validation of a Chicken Wing Training Model for Endoscopic Microsurgical Dissection** *LARYNGOSCOPE*
Kaplan, D. J., Vaz-Guimaraes, F., Fernandez-Miranda, J. C., Snyderman, C. H.
2015; 125 (3): 571–76
- **Delayed Nasoseptal Flaps for Endoscopic Skull Base Reconstruction: Proof of Concept and Evaluation of Outcomes** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
Choby, G. W., Mattos, J. L., Hughes, M. A., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H., Wang, E. W.
2015; 152 (2): 255-259
- **"Round-the-Clock" Surgical Access to the Orbit** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Paluzzi, A., Gardner, P. A., Fernandez-Miranda, J. C., Tormenti, M. J., Stefko, S., Snyderman, C. H., Maroon, J. C.
2015; 76 (1): 12–24
- **Discordance between growth hormone and insulin-like growth factor-1 after pituitary surgery for acromegaly: a stepwise approach and management** *PITUITARY*
Zeinalizadeh, M., Habibi, Z., Fernandez-Miranda, J. C., Gardner, P. A., Hodak, S. P., Challinor, S. M.
2015; 18 (1): 48–59
- **Endoscopic endonasal posterior clinoidectomy Response** *JOURNAL OF NEUROSURGERY*
Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.
2015; 122 (2): 479
- **Peduncles Without Cerebellum: The Cerebellar Agenesis** *EUROPEAN NEUROLOGY*
Meola, A., Fernandez-Miranda, J. C.
2015; 74 (3-4): 162
- **Magnetic resonance imaging fluid-attenuated inversion recovery sequence signal reduction after endoscopic endonasal transcribiform total resection of olfactory groove meningiomas.** *Surgical neurology international*
Prevedello, D. M., Ditzel Filho, L. F., Fernandez-Miranda, J. C., Solari, D. n., do Espirito Santo, M. P., Wehr, A. M., Carrau, R. L., Kassam, A. B.
2015; 6: 158
- **Eustachian Tube and Internal Carotid Artery in Skull Base Surgery: An Anatomical Study** *LARYNGOSCOPE*
Liu, J., Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, P. A., Hirsch, B. E., Wang, E.
2014; 124 (12): 2655–64
- **Advanced diffusion MRI fiber tracking in neurosurgical and neurodegenerative disorders and neuroanatomical studies: A review** *BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE*
Abhinav, K., Yeh, F., Pathak, S., Suski, V., Lacomis, D., Friedlander, R. M., Fernandez-Miranda, J. C.
2014; 1842 (11): 2286–97

- **Chondrosarcomas of the head and neck** *EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY*
Coca-Pelaz, A., Rodrigo, J. P., Triantafyllou, A., Hunt, J. L., Fernandez-Miranda, J. C., Stojan, P., de Bree, R., Rinaldo, A., Takes, R. P., Ferlito, A.
2014; 271 (10): 2601–9
- **A Description of Arterial Variants in the Transoral Approach to the Parapharyngeal Space** *CLINICAL ANATOMY*
Wang, C., Kundaria, S., Fernandez-Miranda, J., Duvvuri, U.
2014; 27 (7): 1016–22
- **Endoscopic endonasal surgery for olfactory groove meningiomas: outcomes and limitations in 50 patients** *NEUROSURGICAL FOCUS*
Koutourousiou, M., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2014; 37 (4): E8
- **Endoscopic Endonasal Surgery for Tumors of the Cavernous Sinus: Experience of 234 Cases**
Koutourousiou, M., Guimaraes Filho, F., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
ELSEVIER SCIENCE INC.2014: S68
- **Extended Inferior Turbinate Flap for Endoscopic Reconstruction of Skull Base Defects** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Choby, G. W., Pinheiro-Neto, C. D., de Almeida, J. R., Ruiz-Valdepenas, E. C., Wang, E. W., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.
2014; 75 (4): 225-230
- **Pontine encephalocele and abnormalities of the posterior fossa following transclival endoscopic endonasal surgery** *Clinical article JOURNAL OF NEUROSURGERY*
Koutourousiou, M., Guimaraes Filho, F., Costacou, T., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Rothfus, W. E., Gardner, P. A.
2014; 121 (2): 359–66
- **Endoscopic endonasal approach for pituitary adenomas: a series of 555 patients** *PITUITARY*
Paluzzi, A., Fernandez-Miranda, J. C., Stefko, S., Challinor, S., Snyderman, C. H., Gardner, P. A.
2014; 17 (4): 307–19
- **Application of High-Definition Fiber Tractography in the Management of Supratentorial Cavernous Malformations: A Combined Qualitative and Quantitative Approach** *NEUROSURGERY*
Abhinav, K., Pathak, S., Richardson, R., Engh, J., Gardner, P., Yeh, F., Friedlander, R. M., Fernandez-Miranda, J. C.
2014; 74 (6): 668–80
- **Use of diffusion spectrum imaging in preliminary longitudinal evaluation of amyotrophic lateral sclerosis: development of an imaging biomarker** *FRONTIERS IN HUMAN NEUROSCIENCE*
Abhinav, K., Yeh, F., El-Dokla, A., Ferrando, L. M., Chang, Y., Lacomis, D., Friedlander, R. M., Fernandez-Miranda, J. C.
2014; 8: 270
- **Application of Ultrasonic Bone Curette in Endoscopic Endonasal Skull Base Surgery: Technical Note** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Rastelli, M. M., Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Wang, E. W., Snyderman, C. H., Gardner, P. A.
2014; 75 (2): 90–95
- **Comparative Analysis of the Transcranial "Far Lateral" and Endoscopic Endonasal "Far Medial" Approaches: Surgical Anatomy and Clinical Illustration** *WORLD NEUROSURGERY*
Benet, A., Prevedello, D. M., Carrau, R. L., Rincon-Torroella, J., Fernandez-Miranda, J. C., Prats-Galino, A., Kassam, A. B.
2014; 81 (2): 385–96
- **ICP, BMI, Surgical Repair, and CSF Diversion in Patients Presenting With Spontaneous CSF Otorrhea** *OTOLOGY & NEUROTOLOGY*
Vivas, E. X., Mccall, A., Raz, Y., Fernandez-Miranda, J. C., Gardner, P., Hirsch, B. E.
2014; 35 (2): 344–47
- **Extended Dissection of the Septal Flap Pedicle for Ipsilateral Endoscopic Transpterygoid Approaches** *LARYNGOSCOPE*
Pinheiro-Neto, C. D., Paluzzi, A., Fernandez-Miranda, J. C., Scopel, T. F., Wang, E. W., Gardner, P. A., Snyderman, C. H.
2014; 124 (2): 391–96
- **A 23-Year-Old Female with a Mixed Germ Cell Tumor of the Pituitary Infundibulum: The Challenge of Differentiating Neoplasm from Lymphocytic Infundibuloneurohypophysitis-A Case Report and Literature Review** *CASE REPORTS IN ENDOCRINOLOGY*

- Mon, S., Mahmud, H., Abbasi, M., Murdoch, G., Fernandez-Miranda, J. C., Gardner, P. A., Challinor, S. M.
2014; 129471
- **Detection of White Matter Injury in Concussion Using High-Definition Fiber Tractography** *CONCUSSION*
Shin, S. S., Pathak, S., Presson, N., Bird, W., Wagener, L., Schneider, W., Okonkwo, D. O., Fernandez-Miranda, J. C.
edited by Niranjana, A., Lunsford, L. D.
2014; 28: 86–93
 - **Carotid Artery Injury During Endoscopic Endonasal Skull Base Surgery: Incidence and Outcomes** *NEUROSURGERY*
Gardner, P. A., Tormenti, M. J., Pant, H., Fernandez-Miranda, J. C., Snyderman, C. H., Horowitz, M. B.
2013; 73: 261–69
 - **Endoscopic Endonasal Approach to the Infraorbital Nerve with Nasolacrimal Duct Preservation** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Peris-Celda, M., Pinheiro-Neto, C. D., Scopel, T. F., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.
2013; 74 (6): 393–98
 - **The Extended Nasoseptal Flap for Skull Base Reconstruction of the Clival Region: An Anatomical and Radiological Study** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Peris-Celda, M., Pinheiro-Neto, C., Funaki, T., Fernandez-Miranda, J. C., Gardner, P., Snyderman, C., Rhoton, A. L.
2013; 74 (6): 369–85
 - **Chicken Wing Training Model for Endoscopic Microsurgery** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Jusue-Torres, I., Sivakanthan, S., Pinheiro-Neto, C., Gardner, P. A., Snyderman, C. H., Fernandez-Miranda, J. C.
2013; 74 (5): 286–91
 - **Transposition of the Pterygopalatine Fossa during Endoscopic Endonasal Transpterygoid Approaches** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Prevedello, D. M., Carrau, R. L., Gardner, P. A., Snyderman, C. H.
2013; 74 (5): 266–70
 - **Beyond diffusion tensor imaging** *JOURNAL OF NEUROSURGERY*
Fernandez-Miranda, J. C.
2013; 118 (6): 1363–65
 - **Endoscopic endonasal skull base surgery in the pediatric population** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Chivukula, S., Koutourousiou, M., Snyderman, C. H., Fernandez-Miranda, J. C., Gardner, P. A., Tyler-Kabara, E. C.
2013; 11 (3): 227–41
 - **The Medial Opticocarotid Recess: An Anatomic Study of an Endoscopic "Key Landmark" for the Ventral Cranial Base** *NEUROSURGERY*
Labib, M., Prevedello, D. M., Fernandez-Miranda, J. C., Sivakanthan, S., Benet, A., Morera, V., Carrau, R., Kassam, A.
2013; 72: 66–76
 - **Rare Infundibular Tumors: Clinical Presentation, Imaging Findings, and the Role of Endoscopic Endonasal Surgery in Their Management** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Koutourousiou, M., Gardner, P. A., Kofler, J. K., Fernandez-Miranda, J. C., Snyderman, C. H., Lunsford, L.
2013; 74 (1): 1–11
 - **The anatomical relationship between the eustachian tube and petrous internal carotid artery** *LARYNGOSCOPE*
Ozturk, K., Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2012; 122 (12): 2658–62
 - **Endoscopic Endonasal Pituitary Surgery: Impact of Surgical Education on Operation Length and Patient Morbidity** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Dedhia, R. C., Lord, C. A., Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Wang, E. W., Gardner, P. A., Snyderman, C. H.
2012; 73 (6): 405–9
 - **Endoscopic Endonasal Pituitary Surgery: Impact of Surgical Education on Operation Length and Patient Morbidity** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Dedhia, R. C., Lord, C. A., Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Wang, E. W., Gardner, P. A., Snyderman, C. H.
2012; 73 (6): 405–9

- **Retracing the Etymology of Terms in Neuroanatomy** *CLINICAL ANATOMY*
Paluzzi, A., Fernandez-Miranda, J., Torrenti, M., Gardner, P.
2012; 25 (8): 1005–14
- **Combined Endoscopic Endonasal Transorbital Approach with Transconjunctival-Medial Orbitotomy for Excisional Biopsy of the Optic Nerve: Technical Note** *JOURNAL OF NEUROLOGICAL SURGERY REPORTS*
Koutourousiou, M., Gardner, P. A., Stefko, S., Paluzzi, A., Fernandez-Miranda, J. C., Snyderman, C. H., Maroon, J. C.
2012; 73 (1): 52–56
- **The expanding role of endoscopic skull base surgery** *BRITISH JOURNAL OF NEUROSURGERY*
Paluzzi, A., Gardner, P., Fernandez-Miranda, J., Snyderman, C.
2012; 26 (5): 649–61
- **Endoscopic Endonasal Approach for Resection of Cranial Base Chordomas: Outcomes and Learning Curve** *NEUROSURGERY*
Koutourousiou, M., Gardner, P. A., Tormenti, M. J., Henry, S. L., Stefko, S. T., Kassam, A. B., Fernandez-Miranda, J. C., Snyderman, C. H.
2012; 71 (3): 614–24
- **Comentario al trabajo "Estesioneuroblastoma. Abordaje endonasal expandido transcribiforme-transfovea etmoidalis. Nota tecnica" de Simal et al.** *Neurocirugia (Asturias, Spain)*
Fernandez-Miranda, J. C.
2012; 23 (4): 163–64
- **Petrous apex cholesterol granulomas: Endonasal versus infracochlear approach** *LARYNGOSCOPE*
Scopel, T., Fernandez-Miranda, J. C., Pinheiro-Neto, C. D., Peris-Celda, M., Paluzzi, A., Gardner, P. A., Hirsch, B. E., Snyderman, C. H.
2012; 122 (4): 751–61
- **Endonasal transpterygoid approach to the infratemporal fossa: Correlation of endoscopic and multiplanar CT anatomy** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
Hosseini, S., Razfar, A., Carrau, R. L., Prevedello, D. M., Fernandez-Miranda, J., Zanation, A., Kassam, A. B.
2012; 34 (3): 313–20
- **Endoscopy or microscopy?** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
Snyderman, C. H., Gardner, P. A., Fernandez-Miranda, J. C.
2012; 9 (3): 336–37
- **Endoscopic endonasal approach for a tuberculum sellae meningioma.** *Neurosurgical focus*
Fernandez-Miranda, J. C., Pinheiro-Neto, C. D., Gardner, P. A., Snyderman, C. H.
2012; 32 Suppl 1: E8
- **Endoscopic endonasal repair of spontaneous CSF fistulae.** *Neurosurgical focus*
Tormenti, M. J., Paluzzi, A. n., Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, P. A.
2012; 32 Suppl 1: E6
- **Endoscopic endonasal approach for a tuberculum sellae meningioma.** *Journal of neurosurgery*
Fernandez-Miranda, J. C., Pinheiro-Nieto, C. n., Gardner, P. A., Snyderman, C. H.
2012; 32 Suppl: E8
- **Anatomical correlates of endonasal surgery for sinonasal malignancies** *CLINICAL ANATOMY*
Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Wang, E. W., Gardner, P. A., Snyderman, C. H.
2012; 25 (1): 129–34
- **Endoscopic anatomy of the palatovaginal canal (palatosphenoidal canal)** *LARYNGOSCOPE*
Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Rivera-Serrano, C. M., Paluzzi, A., Snyderman, C. H., Gardner, P. A., Sennes, L. U.
2012; 122 (1): 6–12
- **Endoscopic endonasal repair of spontaneous CSF fistulae.** *Journal of neurosurgery*
Tormenti, M. J., Paluzzi, A., Pinheiro-Nieto, C., Fernandez-Miranda, J. C., Snyderman, C. H., Gardner, P. A.
2012; 32 Suppl: E6
- **Microsurgical anatomy of the temporal lobe and its implications on temporal lobe epilepsy surgery.** *Epilepsy research and treatment*

- Kucukyuruk, B., Richardson, R. M., Wen, H. T., Fernandez-Miranda, J. C., Rhoton, A. L.
2012; 2012: 769825
- **Commentary on the work Pneumocephalus Tension caused by treatment with cabergoline in patients with a large invasive prolactinoma apropos of an event by J. Castro and cols. *NEUROCRIRUGIA***
Fernandez-Miranda, J. C.
2011; 22 (6): 561
 - **Study of the Nasoseptal Flap for Endoscopic Anterior Cranial Base Reconstruction *LARYNGOSCOPE***
Pinheiro-Neto, C. D., Ramos, H. F., Peris-Celda, M., Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H., Sennes, L. U.
2011; 121 (12): 2514–20
 - **Posterior pedicle lateral nasal wall flap: New reconstructive technique for large defects of the skull base *AMERICAN JOURNAL OF RHINOLOGY & ALLERGY***
Rivera-Serrano, C. M., Bassagaisteguy, L. H., Hadad, G., Carrau, R. L., Kelly, D., Prevedello, D. M., Fernandez-Miranda, J., Kassam, A. B.
2011; 25 (6): E212–E216
 - **Endoscopic Endonasal Approach for Nonvestibular Schwannomas *NEUROSURGERY***
Shin, S. S., Gardner, P. A., Stefko, S., Madhok, R., Fernandez-Miranda, J. C., Snyderman, C. H.
2011; 69 (5): 1046–57
 - **Skull Base Chordomas *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA***
Koutourousiou, M., Snyderman, C. H., Fernandez-Miranda, J., Gardner, P. A.
2011; 44 (5): 1155+
 - **Endoscopic Nasopharyngectomy and its Role in Managing Locally Recurrent Nasopharyngeal Carcinoma *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA***
Ong, Y., Solares, C., Lee, S., Snyderman, C. H., Fernandez-Miranda, J., Gardner, P. A.
2011; 44 (5): 1141+
 - **Training in Neurorhinology: The Impact of Case Volume on the Learning Curve *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA***
Snyderman, C. H., Fernandez-Miranda, J., Gardner, P. A.
2011; 44 (5): 1223+
 - **Endoscopic Endonasal Infraselar Approach to the Sellar and Suprasellar Regions: Technical Note *SKULL BASE-AN INTERDISCIPLINARY APPROACH***
Paluzzi, A., Fernandez-Miranda, J. C., Pinheiro-Neto, C., Alcocer-Barradas, V., Lopez-Alvarez, B., Gardner, P., Snyderman, C.
2011; 21 (5): 335–42
 - **Endoscopic Endonasal Surgery for Nasal Dermoids *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA***
Pinheiro-Neto, C. D., Snyderman, C. H., Fernandez-Miranda, J., Gardner, P. A.
2011; 44 (4): 981+
 - **Anterior Pedicle Lateral Nasal Wall Flap: A Novel Technique for the Reconstruction of Anterior Skull Base Defects *LARYNGOSCOPE***
Hadad, G., Rivera-Serrano, C. M., Bassagaisteguy, L. H., Carrau, R. L., Fernandez-Miranda, J., Prevedello, D. M., Kassam, A. B.
2011; 121 (8): 1606–10
 - **Endoscopic Port Surgery for Resection of Lesions of the Cerebellar Peduncles: Technical Note *NEUROSURGERY***
Ochalski, P. G., Fernandez-Miranda, J. C., Prevedello, D. M., Pollack, I. F., Engh, J. A.
2011; 68 (5): 1444–50
 - **Prevertebral Corridor: Posterior Pathway for Reconstruction of the Ventral Skull Base**
Durmaz, A., Fernandez-Miranda, J., Snyderman, C. H., Rivera-Serrano, C., Tosun, F.
LIPPINCOTT WILLIAMS & WILKINS.2011: 848–53
 - **In Response to Pedicled Nasoseptal Flap Is Not the Standard of Care for Skull Base Defects *LARYNGOSCOPE***
Caicedo-Granados, E., Carrau, R., Kassam, A., Snyderman, C. H., Prevedello, D., Fernandez-Miranda, J., Gardner, P.
2011; 121 (4): 898
 - **Vidian Nerve Transposition for Endoscopic Endonasal Middle Fossa Approaches (vol 67, ons478, 2010) *NEUROSURGERY***
Fernandez-Miranda, J. C., Gardner, P. A., Snyderman, C. H.

2011; 68 (2)

- **Vidian Nerve Transposition for Endoscopic Endonasal Middle Fossa Approaches** *NEUROSURGERY*
Prevedello, D. M., Pinheiro-Neto, C. D., Fernandez-Miranda, J. C., Carrau, R. L., Snyderman, C. H., Gardner, P. A., Kassam, A. B.
2010; 67
- **High-definition fiber tracking guidance for intraparenchymal endoscopic port surgery** *JOURNAL OF NEUROSURGERY*
Fernandez-Miranda, J. C., Engh, J. A., Pathak, S. K., Madhok, R., Boada, F. E., Schneider, W., Kassam, A. B.
2010; 113 (5): 990–99
- **Animal Model for Endoscopic Neurosurgical Training: Technical Note** *MINIMALLY INVASIVE NEUROSURGERY*
Fernandez-Miranda, J. C., Barges-Coll, J., Prevedello, D. M., Engh, J., Snyderman, C., Carrau, R., Gardner, P. A., Kassam, A. B.
2010; 53 (5-6): 286–89
- **Use of Acoustic Doppler Sonography to Ascertain the Feasibility of the Pedicled Nasoseptal Flap After Prior Bilateral Sphenoidotomy** *LARYNGOSCOPE*
Pinheiro-Neto, C. D., Carrau, R. L., Prevedello, D. M., Fernandez-Miranda, J. C., Snyderman, C. S., Gardner, P. A., Kassam, A. B.
2010; 120 (9): 1798–1801
- **Stereotactically Guided Endoscopic Port Surgery for Intraventricular Tumor and Colloid Cyst Resection** *NEUROSURGERY*
Engh, J. A., Lunsford, L., Amin, D. V., Ochalski, P. G., Fernandez-Miranda, J., Prevedello, D. M., Kassam, A. B.
2010; 67 (3): 198–204
- **Prevention and Management of Vascular Injuries in Endoscopic Surgery of the Sinonasal Tract and Skull Base** *OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA*
Solares, C., Ong, Y., Carrau, R. L., Fernandez-Miranda, J., Prevedello, D. M., Snyderman, C. H., Kassam, A. B.
2010; 43 (4): 817–+
- **Reverse Rotation Flap for Reconstruction of Donor Site After Vascular Pedicled Nasoseptal Flap in Skull Base Surgery** *LARYNGOSCOPE*
Caicedo-Granados, E., Carrau, R., Snyderman, C. H., Prevedello, D., Fernandez-Miranda, J., Gardner, P., Kassam, A.
2010; 120 (8): 1550–52
- **Endonasal endoscopic pituitary surgery: is it a matter of fashion?** *ACTA NEUROCHIRURGICA*
Fernandez-Miranda, J. C., Prevedello, D. M., Gardner, P., Carrau, R., Snyderman, C. H., Kassam, A. B.
2010; 152 (8): 1281–82
- **High-definition fiber tractography and language** *JOURNAL OF NEUROSURGERY*
Fernandez-Miranda, J. C., Pathak, S., Schneider, W.
2010; 113 (1): 156–57
- **Avoiding Injury to the Abducens Nerve During Expanded Endonasal Endoscopic Surgery: Anatomic and Clinical Case Studies** *NEUROSURGERY*
Barges-Coll, J., Fernandez-Miranda, J., Prevedello, D. M., Gardner, P., Morera, V., Madhok, R., Carrau, R. L., Snyderman, C. H., Rhoton, A. L., Kassam, A. B.
2010; 67 (1): 144–54
- **The transclival endoscopic endonasal approach (EEA) for prepontine neuroenteric cysts: report of two cases** *ACTA NEUROCHIRURGICA*
Prevedello, D. M., Fernandez-Miranda, J., Gardner, P., Madhok, R., Sigounas, D., Snyderman, C. H., Carrau, R. L., Kassam, A. B.
2010; 152 (7): 1223–29
- **Endoscopic Endonasal Dissection of the Pterygopalatine fossa, Infratemporal fossa, and Post-styloid compartment. Anatomical Relationships and Importance of Eustachian Tube in the Endoscopic Skull Base Surgery**
Rivera-Serrano, C. M., Terre-Falcon, R., Fernandez-Miranda, J., Prevedello, D., Snyderman, C. H., Gardner, P., Kassam, A., Carrau, R. L.
WILEY-BLACKWELL.2010: S244
- **Middle Turbinate Flap for Skull Base Reconstruction: Cadaveric Feasibility Study** *LARYNGOSCOPE*
Prevedello, D. M., Barges-Coll, J., Fernandez-Miranda, J., Morera, V., Jacobson, D., Madhok, R., dos Santos, M. C. J., Zanation, A., Snyderman, C. H., Gardner, P., Kassam, A. B., Carrau, R.
2009; 119 (11): 2094–98
- **Sphenoid Septations and Their Relationship With Internal Carotid Arteries: Anatomical and Radiological Study** *LARYNGOSCOPE*

Fernandez-Miranda, J. C., Prevedello, D. M., Madhok, R., Morera, V., Barges-Coll, J., Reineman, K., Snyderman, C. H., Gardner, P., Carrau, R., Kassam, A. B.
2009; 119 (10): 1893–96

- **Expanded endonasal approach for olfactory groove meningioma** *ACTA NEUROCHIRURGICA*
Fernandez-Miranda, J. C., Gardner, P. A., Prevedello, D. M., Kassam, A. B.
2009; 151 (3): 287–88
- **Three-dimensional microsurgical and tractographic anatomy of the white matter of the human brain.** *Neurosurgery*
Fernandez-Miranda, J. C., Rhoton, A. L., Alvarez-Linera, J., Kakizawa, Y., Choi, C., de Oliveira, E. P.
2008; 62 (6 Suppl 3): 989
- **Blood supply of the facial nerve in the middle fossa: the petrosal artery.** *Neurosurgery*
El-Khouly, H., Fernandez-Miranda, J., Rhoton, A. L.
2008; 62 (5 Suppl 2): ONS297
- **Blood supply of the facial nerve in the middle fossa: The petrosal artery** *NEUROSURGERY*
El-Khouly, H., Fernandez-Miranda, J., Rhoton, A. L.
2008; 62 (5): 297-303
- **The claustrum and its projection system in the human brain: a microsurgical and tractographic anatomical study** *JOURNAL OF NEUROSURGERY*
Fernandez-Miranda, J. C., Rhoton, A. L., Kakaawa, Y., Choi, C., Alvarez-Linera, J.
2008; 108 (4): 764–74
- **Microsurgical approaches to the medial temporal region: An anatomical study** *NEUROSURGERY*
Campero, A., Troccoli, G., Martins, C., Fernandez-Miranda, J. C., Yasuda, A., Rhoton, A. L.
2006; 59 (4): 279-307
- **Meyer's loop and the optic radiations in the transylvian approach to the mediobasal temporal lobe** *NEUROSURGERY*
Choi, C., Rubino, P. A., Fernandez-Miranda, J. C., Abe, H., Rhoton, A. L.
2006; 59 (4): 228-235
- **Microsurgical approaches to the medial temporal region: an anatomical study.** *Neurosurgery*
Campero, A. n., Tróccoli, G. n., Martins, C. n., Fernandez-Miranda, J. C., Yasuda, A. n., Rhoton, A. L.
2006; 59 (4 Suppl 2): ONS279–307; discussion ONS307–8
- **Meyer's loop and the optic radiations in the transylvian approach to the mediobasal temporal lobe.** *Neurosurgery*
Choi, C. n., Rubino, P. A., Fernandez-Miranda, J. C., Abe, H. n., Rhoton, A. L.
2006; 59 (4 Suppl 2): ONS228–35; discussion ONS235–6