



Juan Carlos Fernandez-Miranda

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

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Stanford Neuroscience Health Center**

213 Quarry Rd 2nd Fl

MC 5957

Palo Alto, CA 94304

Tel (650) 723-6469 **Fax** (650) 725-0390

- **Stanford Cancer Center Neuro-Oncology Clinic**

875 Blake Wilbur Dr Clinic D

MC 6510

Stanford, CA 94305

Tel (650) 723-6469 **Fax** (650) 723-1948

ACADEMIC CONTACT INFORMATION

- **Admin**

Jennie Visitacion - Admin and Event Manager

Email jenniev@stanford.edu

Tel 650-725-4715

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 1,500 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.

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 & Neck Surgery Divisions
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Surgical Director, Stanford Brain Tumor Center, (2018- present)
- Co-Director, Stanford Skull Base Surgery Program, (2018- present)
- Surgical Director, Stanford Pituitary Center, (2018- 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

- Co-Founder and Vice-president, 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, Shanghai
- 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=kJa1Xa19uwA&list=PLSVqZwlZyqvt9oFHLslhYCCqi8SQGnki>
- My YouTube Channel: <https://www.youtube.com/user/fernandezmirandajc>

Research & Scholarship

CLINICAL TRIALS

- Vincristine, Dactinomycin, and Doxorubicin With or Without Radiation Therapy or Observation Only in Treating Younger Patients Who Are Undergoing Surgery for Newly Diagnosed Stage I, Stage II, or Stage III Wilms' Tumor, Not Recruiting

Teaching

COURSES

2020-21

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

Publications

PUBLICATIONS

- **Structural white matter connectometry of word production in aphasia: an observational study** *BRAIN*
Hula, W. D., Panesar, S., Gravier, M. L., Yeh, F., Dresang, H. C., Dickey, M., Fernandez-Miranda, J. C.
2020; 143: 2532–44
- **Letter: 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., Sajjadi, H., Jackler, R. K.
2020
- **Endoscopic Endonasal Surgery for Resection of Giant Craniopharyngioma in a Toddler-Multimodal Presurgical Planning, Surgical Technique, and Management of Complications: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
Fernandez-Miranda, J. C., Hwang, P., Grant, G.
2019
- **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 Transylvian 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

- **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., Stefaneanu, 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., Stefaneanu, 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., Stefkó, 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
- **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
 - **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
- **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
- **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
- **Anatomy of the Orbit.** *Journal of neurological surgery. Part B, Skull base*
Lieber, S. n., Fernandez-Miranda, J. C.
2020; 81 (4): 319–32
- **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., Kliot, 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
 - **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 Transsylvian Transventricular and Paramedian Supracerebellar Transtentorial Approaches: 2-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
Fernandez-Miranda, J. C.
2019; 16 (3): E82
- **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 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., 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., 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., 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., 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., 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 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
- **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
- **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., Borghei-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
- **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., Borghei-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
- **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
- **Endoscopic Endonasal Transcolumotor Triangle Approach for the Resection of a Pituitary Adenoma with Ambient Cistern Extension** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
Zenonos, G., Wang, E., Fernandez-Miranda, J. C.
2018; 79: S283
- **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
- **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. 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., 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., 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-Binarial 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 Espírito 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., Strojjan, 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., Niranjan, 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
- **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 tuberculoma 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 tuberculoma sellae meningioma.** *Journal of neurosurgery*
Fernandez-Miranda, J. C., Pinheiro-Neto, 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-Neto, 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.** *NEUROCIRUGIA*
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. 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
- **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. 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 transsylvian 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