CURRICULUM VITAE

Ernesto Coscarella, MD

MAY -1- 2016

Personal Data:

Birthplace:	Cosenza, Italy
Citizenships:	U.S.A, Italian
Marital Status:	Married
Telephone:	786 525 9531
E-mail:	opinione@neurousa.com ecoscar@yahoo.com
Current Position:	Director of NEUROUSA: International Second Opinions service in Neurological Surgery 07-01-2009 to present
Previous Appointments:	Assistant Professor Instructor of Neurosurgery Residents Skull Base and Cerebrovascular Microsurgical Anatomy . Department of Neurosurgery, University of Miami, Florida 01-01-2000 to 06-31-2006
	Scientific Co-Director of the Skull Base & Cerebrovascular Surgery Training Center Department of Neurosurgery, University of Miami, Florida 01-01-2000 to 06-31-2006
Joint Appointment:	Research Assistant Professor Dept.of Radiology, University of Miami, Florida 01-01-2003 to 06-31-2006

Education and Post Graduation Training:

07-01-2008 to 06-30-2009	Clinic Fellowship in Pediatric Neurosurgery, Baylor College of Medicine & Texas Children's Hospital, Houston Texas U.S.A. Mentor: Thomas G Luerssen, M.D.
07-01-2006 to 06-30-2007	Clinical Fellowship in Pediatric Neurosurgery, University of Miami, Miami, Florida U.S.A. Mentor: John Ragheb, M.D.
07-01-2007 to 06-30-2008	Clinical Fellowship in Pediatric Neurosurgery, University of Miami, Miami, Florida U.S.A. Mentor: John Ragheb, M.D.

07-01-1998 to 12-31-1999	Steele Research Fellow in Neuro-Anatomical Skull Base Cerebrovascular Fellowship. Barrow Neurological Institute, Department of Neurosurgery, Phoenix, Arizona, U.S.A. Mentor: Robert F. Spetzler, MD
07-01-1997 to 06-30-1998	Clinical International Observer. Barrow Neurological Institute, Department of Neurosurgery, Phoenix, Arizona, U.S.A. Mentor: Robert F. Spetzler, MD
07-01-1994 to 07-01-95	Clinical and Research Fellowship. Temporal Bone and ENT Skull Base Surgery. ENT Department. Piacenza Clinic, Piacenza Italy. Mentor: Professor Mario Sanna
07-01-1993 to 07-01-1994	Volunteer Neuroradiology inside Residency Rotation. Policlinico Hospital, University of Modena, Italy. Neuroradiology Department. Mentor: Professor Luciano Mavilla
12-01-1992 to 10-01-1997	Neurological Surgery Residency, Policlinico Hospital, University of Modena, Italy. Program Director Professor Antonio Pau.
11-01-1986 to 11-01-1992	MD - Doctor of Medicine, University "La Sapienza", Rome, Italy, School of Medicine GRADUATION Date 11-02-1992

Certifications:

07-01-2008 to 06-30-2009	United States SNS/CAST Accredited Pediatric Neurosurgery Fellowship in Texas Children's Hospital Baylor College of Medicine, Houston Texas
06-30-2008 – 07-01-2009	United States SNS/CAST Accredited Pediatric Neurosurgery Fellowship University of Miami, Miami Florida
06-30-2006 – 07-01-2007	United States SNS/CAST Accredited Pediatric Neurosurgery Fellowship University of Miami, Miami Florida
03-08-2005	United States Medical Doctor , ECFMG Certified #0-630-188-1 and Florida Board USMLE Step 3 Certified
10-24-1997	Board Certified in Neurological Surgery Italy/ European Community
11-02-1992	Diploma of Medicine, Republic of Italy

Professional Organizations:

Italian Society of Neurosurgery Member- 2006

North American Skull Base Society Member -2001

Congress of Neurological Surgeons Member -1999

AIRO Italian Society Research Ozone Therapy Member- 2016

Honors and Awards:

Honorary Membership Italian Society of Neurological Surgery - 2006

Honorary Membership AIRO Italian Society Research Ozone Therapy - 2016

Editorial Responsibilities:

Scientific Peer Reviewer- ***Neurosurgical Review,*** (since 2006)
Scientific Advisory Board – ***Neuroanatomy,*** (since 2004)

Book Reviews:

Coscarella E., Javaheri R., Morcos J. Operative Neurosurgical Anatomy. Damirez T. M.D., Fossett and Anthony J. Caputy M.D. Editors. New York: Thieme, ISBN 1-58890-066-5, 2002,
Journal of Neurosurgery**,** 98: 929-30, 2003

RESEARCH

PUBLICATIONS

Peer Review Journals:

Jea, A.,**Coscarella, E**., Bhattacharjee, M.,Whitehead, W.,Curry,D., Luerssen,T. Medulloblastoma and Juvenile Pilocytic Astrocytoma Presenting as Synchronous Primary Brain Tumors in a Child: Case Report and Literature Review. Journal of Neurosurgery: Pediatrics 5 (2): 149-54. 2010. PMID: 20121362

Baskaya M., **Coscarella E.,** Morcos J. Aneurysm of AICA-PICA Variant. A case report with anatomical description in the cadaver. Neurosurgery 58 (2): 388. 2006.

Ricci M., Lombardi L., Shultz S., Galindo A., **Coscarella** E., Vasquez A. Near infrared spectroscopy to monitor cerebral oxygen saturation in single ventricle physiology. J Thorac Cardiovasc Surg. 131(2): 395-402. 2006. PMID: 16434270

Ricci M., Lombardi P., Galindo A., Coscarella E., Vasquez A., Rosenkranz E. Single-ventricle physiology reduces cerebral oxygen delivery in a piglet model. Ann Thorac Surg.
80(2): 686-93. 2005. PMID: 16039229

Tummala R.P., **Coscarella E.**, Morcos J. Transpetrosal approaches to the posterior fossa. Neurosurgical Focus 19 (2): E6. 2005. PMID: 16122215

Ugur H.C., Kahilogullari G., **Coscarella E.**, Yekdemir I., Elhan A., Morcos J., Kanpolat Y., Baskaya M.K. Arterial vascularization of the motor cortex (precentral gyrus) . Surgical Neurology Surgical Neurology 64:248-252. 2005. PMID: 16256841

Baskaya M., **Coscarella E.**, Gomez F., Morcos J. Surgical and angiographic anatomy of the posterior communicating and anterior choroidal artery. Neuroanatomy, 3: 38-42. 2004

Wang M.Y., Green B.A., **Coscarella E.**, Baskaya M., Levi A., Guest J.D. Minimally Invasive Cervical Expansile Laminoplasty: An Initial Cadaveric Study Journal of Neurosurgery 52 (2) :370. 2003. PMID: 12535366

Coscarella E., Baskaya M., Morcos J. An Alternative Extradural Exposure to the Anterior Clinoid Process (ACP): the Superior Orbital Fissure (SOF) as a Surgical Corridor. Anatomy, Technical Note and Clinical Experience. Neurosurgery 53(1): 162-167. 2003. PMID: 12823885

Coscarella E., Vishteh G., Seoane E., Zabramski J., Spetzler R. The subfascial method of Temporalis Muscle Dissection and its Relationship to the Frontalis Branch of the Facial Nerve: Technical Note. Journal of Neurosurgery 92:877-880. 2000. PMID: 10794306

Vishteh G., David C., Marciano F.**, Coscarella E.**, Spetzler R. Extreme lateral Supracerebellar Infratentorial Approach to the Posterior Lateral Mesencephalon: Technique and Clinical Experience. Neurosurgery 46 (2): 384. 2000. PMID: 10690727

Vishteh G. , **Coscarella E.**, Mc Dougall C.,Sonntag V. Fatal vertebro-basilar artery thrombosis after traumatic cervical facet dislocation: Case report. Journal of Neurosurgical Science 43 (3):195-9. 1999. PMID: 108117387

Vishteh G., Spetzler R., **Coscarella E.** Letter to Ed Raphaelesque Head Exploding . Neurosurgery 41: 997. 1997. PMID: 9316070

Non-Peer Reviewed Journals:

Tummala R.P., **Coscarella E.**, Morcos J. Surgical anatomy of the jugular foramen. Operative Techniques in Neurosurgery 8 (1): 2-5. 2005

Coscarella E., Tummala R.P., Morcos J. Infratemporal fossa approaches to the jugular foramen. Operative Techniques in Neurosurgery 8 (1): 23-30. 2005

Alleyene C., **Coscarella E.**, Spetzler R. Microsurgical anatomy of the clinoidal segment of the internal carotid artery, carotid cave, and paraclinoid space. Barrow Quarterly 18(1): 8-10. 2002

Coscarella E., Paolini S. , Vishteh G., Spetzler R. Cerebellopontine Angle Lipoma Presenting with Tinnitus and Vertigo: Case report. Barrow Quarterly 15(3):23. 1999

Vishteh G.,**Coscarella E.**,Theodore N., Spetzler R., Zabramski J.M. The infratemporal Fossa: An Anatomic Review. Barrow Quarterly l5 (4):4. 1999

OTHER RESEARCH:

During my years as a Research Assistant Professor at the University of Miami I created a number of databases including the following:

-First made 4.7 Tesla MRI brain stem fiber anatomy reconstruction database. To view images see the following link: *radiology.med.miami.edu/documents/neuroimaging.ppsx*

-3-D Database of intra-parenchymal neuroanatomy for intra-operative MRI robotic surgery.
Right Paramedian Infratentorial Supracerebellar corridor
posters.neurosurgeon.org/browse.php?function=public_view&id...
The Brain Stem: A 3-D Overview of the Superficial Microsurgical Anatomy, Surgical Entry Points, and 4.7 T MRI Reconstruction of the Intra-parenchymal Surgical Corridors. A Cadaveric Database for Future Robotic Surgery and Intraoperative MRI Application Ernesto Coscarella; Mustafa Kemal Baskaya, MD; Jacques Morcos.

- Created a collection of 5000 3-D slides of microsurgical anatomy of the brain and skull base

- Virtual reality and surgical simulation tools for neurosurgery training

Book Chapters:

Baskaya, M., **Coscarella, E.**, Tummala, R., Jea, A., Heros, R.C.

Surgical management of middle cerebral artery aneurysms: surgical anatomy, approaches and pitfalls. Neurosurgery Quarterly 15(4): 201-210. 2005

Portillo, G., **Coscarella, E.**, Heros, R., Morcos, J.
Vertebrobasilar Junction and Vertebral Artery Aneurysm Atlas of Neurosurgical Techniques, Editors: Laligam Sekhar, M.D., Richard Fessler, M.D., Thieme Medical Publishers, Inc. 2006

Porter, R., Detwiler, P., **Coscarella, E.**, Spetzler, R.
Surgical Management of Brain Stem Cavernous Malformations. Perspectives in Neurological Surgery. 10 (1):55.1999

Current Manuscripts in Preparation:

The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy

Microsurgical anatomy and surgical approaches to the atrium

Cave, Superior Hypophyseal, Paraclinoid and Cavernous Sinus Aneurysm: Microanatomy Classification and Surgical Approaches

Surgical results of combined craniofacial approaches to lesions involving the anterior cranial fossa, paranasal sinus, and the clivus: Surgical anatomy and pitfalls

The Tonsillo-Hemispheric Corridor: A novel approach to the lesion adjacent to the cerebellar peduncles

TEACHING EXPERIENCE

2000-2006 Course Director and Instructor, Microsurgical Skull Base Anatomy Training Lab Center, University of Miami. Directed hands on workshop courses for national & international residents, fellows and faculty neurosurgeons.

1997-2006 Brain cutting and fiber anatomy dissection demonstrations to neurosurgery residents and fellows. University of Miami and Barrow Neurological Institute Phoenix, AZ

2000-2006 I created 5000 3-D slides in a data base collection including skull base cerebrovascular, brain fiber dissections, brain stem anatomy, and surgical anatomy that I routinely used for teaching, presentations, research publications, posters, and hands-on courses.

Since 2013 Invited Faculty for the yearly Chicago Review Course in Neurological Surgery and Neurology. Board of Neurosurgery and Neurology Examination Residents Preparation.

Didactic 3-D Pictures & Videos created for surgical anatomy teaching:

1-Pterional
2-Orbitozygomatic
3-Facial nerve dissection
4-Subfascialis facial nerve dissection
5-Anterior clinoidectomy
6-Alternative extradural clinoidectomy

7-Posterior clinoidectomy
8-Extended orbitozygomatic
9-Supratentorial cerebrovascular system
10-Extradural approaches to the cavernous sinus triangles
11-Intradural approaches to the cavernous sinus triangles
12-Trans-caversous sinus approach
13-Anterior petrosectomy
14-Posterior petrosectomy
15-Combined approaches
16-Neck muscle layers dissection
17-Trans-condylar
18-Inter-hemispheric
19-Occipital trans-tentorial
20-Infratentorial supracerebellar midline
21-Infratentorial supracerebellar paramedian
22- Infratentorial supracerebellar extreme-lateral
23-Tonsillo bi-ventral fissure approach
24-Brain stem entry point corridors
25-Infratentorial cerebrovascular system
26-Medial, midline, and lateral approaches to the orbit
27-Pica to Pica by-pass
28-Occipital to Pica by-pass
29-Occipital artery dissection

National & International Invited Faculty for Surgical Hands-On Teaching Courses:

Microsurgical anatomy of the supra-tentorial ventricular cavities, and mesial temporal lobe. Invited Faculty lecture 2008 AANS Pediatric Neurosurgery Review Course for Residents/Fellows Medical Education and Research Institute, Memphis, TN. October, 17-18, 2008 Host: Frederick A. Boop, M.D.

The posterior petrosal approach. 13th Annual Meeting of the North American Skull Base Society, Hands-On Workshop. Course Director: Saleem I. Abdulrauf, MD. San Diego, CA. February, 2002.
Morcos, J.J., Coscarella, E.

Combined surgical approaches through the temporal bone. 20th International Course on Clinical Neurosurgery. Course Director: Prof Madjid Samii. Hannover, Germany. Nov, 2002. Morcos, J.J., Coscarella, E.

Orbitozygomatic, Extended OZ and Lateral Skull Base Approaches. Hands on Course. University of Verona. Verona, Italy. December, 2002. Hakuba, K., Bricolo, A., Coscarella, E., Morcos, J.

Combined petrosal approaches. Premeeting Workshop. North American Skull Base Society Meeting. Orlando, Florida.
Feb/March, 2001. Morcos, J., Coscarella, E.

Microsurgery of Aneurysms. Recent Advances. Hands-on Cadaver Workshop. Saint Louis University Course Director: Ali F. Krisht, MD. Saint Louis, Missouri. March 26-29, 2001 Morcos, J., Coscarella, E.

The combined approach. Pre-meeting practical course. North American Skull Base Society Meeting. Phoenix, Arizona.
March, 2000. Morcos, J., Coscarella, E.

Anterior and posterolateral skull base approaches. Third Pan American Symposium in Neurology and Neurosurgery. Royal Sonesta Hotel. Key Biscayne, Florida. July, 2000. Morcos. J., Coscarella, E.

Petrous approaches – Techniques and Indications. Pre-Congress Course. Third International Skull Base Congress. Foz do Iguassu, Brazil. Nov, 2000. Morcos, J., Coscarella, E.

Anatomy of the middle fossa approach. Luncheon Seminar. Third International Skull Base Congress. Foz do Iguassu, Brazil. November, 2000. Morcos. J., Coscarella, E.

Orbitozygomatic approach. Practical cadaveric course: Lateral Skull Base Approaches, Verona, Italy. December, 2000. Morcos, J., Coscarella, E.

"Skull Base Approaches to Anterior and Posterior Circulation Aneurysms. Cavernous Sinus Triangle, Orbital Region, and Temporal Bone Anatomy. Hands-On Course. 24th Barrow Neurological Institute Symposium. Barrow Neurological Institute 1998 Director: R.F. Spetzler M.D., Coscarella E.,

I instructed and personally demonstrated the following approaches:
* Intradural Orbito-Zygomatic and Extended Orb-Zygomatic Approach: Anterior/Posterior Clinodectomy, Tentorium Incision, Anterior Petrosectomy
*Extradural Middle Fossa Approach to: Glasscock, Kawase, and IAC triangles.
*Temporal Bone Dissection: Retrolab/Translab/Trancochlear Approaches.
* Combined-Transpetrosal Approaches.
*Intradural/Extradural Approaches to the Superior, Parasellar and Middle Fossa Cavernous Sinus Triangles.
*Approaches to the Superior and Lateral Wall of the Orbit Region.

OTHER PROFESSIONAL ACTIVITIES

Visiting Professorship Lectures:

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities. Visiting Professor Chicago **Board Review Course in Neurological Surgery**. January, 2016. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Limbic System and Mesial temporal lobe. Visiting Professor Chicago **Board Review Course in Neurological Surgery**. January, 2016. Host: Leonard I. Kranzler, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor, Chicago **Board Review Course in Neurological Surgery.** January, 2016. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Lateral surgical corridors to the skull base: transpetrosal and combined approaches. Visiting Professor Chicago **Board Review Course in Neurological Surgery**. January, 2016. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Temporal Bone step by step dissection, microsurgical anatomy review. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. January, 2016. Host: Leonard I. Kranzler, M.D

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities, Limbic System and Mesial temporal lobe. Visiting Professor, Grand Rounds. Dept. of Neurosurgery. **Harvard University**, Boston, May, 2015. Host: Alex Golby, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor, Grand Rounds. Dept. of Neurosurgery. **Northshore University** of Chicago, May, 2015. Host: Julian Bailes, M.D.

3-D Lecture: Lateral surgical corridors to the skull base: transpetrosal and combined approaches. Visiting Professor, Grand Rounds. Dept. of Neurosurgery. **Northshore University** of Chicago, May, 2015. Host: Julian Bailes, M.D.

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3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities. Visiting Professor Chicago **Board Review Course in Neurological Surgery**. January, 2015. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Limbic System and Mesial temporal lobe. Visiting Professor Chicago **Board Review Course in Neurological Surgery**. January, 2015. Host: Leonard I. Kranzler, M.D.

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3-D Lecture: Lateral surgical corridors to the skull base: transpetrosal and combined approaches. Visiting Professor Chicago **Board Review Course in Neurological Surgery**. January, 2015. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Temporal Bone step by step dissection, microsurgical anatomy review. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. January, 2015. Host: Leonard I. Kranzler, M.D

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities, Limbic System and Mesial temporal lobe. 4th Brain & Spine Symposium, October 24-25, 2014. **Memorial Hospital**, Westin Diplomat Resort, Hollywood Florida

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. 4th Brain & Spine Symposium, October 24-25, 2014. **Memorial Hospital**,Westin Diplomat Resort, Hollywood Florida

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Limbic System and Mesial temporal lobe. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor, **Chicago Board Review Course in Neurological Surgery.** January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Lateral surgical corridors to the skull base: transpetrosal and combined approaches. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Temporal Bone step by step dissection, microsurgical anatomy review. Visiting Professor **Chicago Board Review Course in Neurological Surgery.** January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Third Ventricle. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. February, 2013. Host: Leonard I. Kranzler, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. February, 2013. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Posterior Fossa and Fourth Ventricle. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. February, 2013. Host: Leonard I. Kranzler, M.D

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities , and mesial temporal lobe. Visiting Professor **University of Reggio Emila**. Reggio Emilia, Italy. June, 2009. Host: Gianni De Berti, M.D.

Lecture: Contemporary Management of Pediatric Brain Tumors. Visiting Professor at **University of Reggio Emila**. Reggio Emilia, Italy. June, 2009 Host: Gianni De Berti , M.D

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor at **University of Reggio Emila**. Reggio Emilia, Italy. June, 2009. Host: Gianni De Berti, M.D.

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities and mesial temporal lobe. Grand Rounds. Dept. of Neurosurgery. **Baylor College of Medicine and MD Anderson** Houston, Texas April 21, 2008 Host: Raymond Sawaya, M.D

3-D Lecture: Lateral surgical corridors to the skull base: transpetrosal and combined approaches. Grand Rounds. Dept. of Neurosurgery. **Baylor College of Medicine and MD Anderson**. Houston, Texas. March 27, 2008 Host: Raymond Sawaya, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparen-

chymal anatomy. Grand Rounds. Dept. of Neurosurgery. **Baylor College of Medicine and MD Anderson**. Houston, Texas. Nov 21, 2008 Host: Raymond Sawaya, M.D.

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities, and mesial temporal lobe. Invited Faculty lecture 2008 **AANS Pediatric Neurosurgery Review Course** for Residents/Fellows Medical Education and Research Institute, Memphis, TN. October 17-18, 2008. Host: Frederick A. Boop, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Brain Stem Surgery Meeting. **Neuromed Mediterranean Institute.** University of Rome. Rome, Italy. Dec 23, 2006 Host: Gianpaolo Cantore, M.D.

Lecture: Surgical Simulation Tools in Neurosurgery: Experience at the University of Miami. Neuroscience Institute Visiting professor, **University of Pisa**. Pisa, Italy. January 9, 2006. Host: Prof. and Dean L. Murri, M.D.

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities, and mesial temporal lobe. Neuroscience Institute Visiting professor. **University of Verona**. Verona, Italy. May 22, 2006. Host: Prof. Alberto Pasqualin, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Grand Rounds. Dept. of Neuorsurgery. **University of Verona**. Verona, Italy. May 22, 2006. Host: Prof. Alberto Pasqualin, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Grand Rounds. Dept. of Neuroradiology. **Miami Children's Hospital**. November 27, 2005.

Invited Discussant: Endoscopic Treatment of Pineal Tumors by Tenoch-Herreda Pineada M.D., Mexico. Latin American Symposium of Neurosurgery, **72nd American Association of Neurological Surgeons** Meeting. Orlando, Florida. April/May, 2004. Coscarella, E., Heros, R.C.

Lecture: The Orbito-Zygomatic approach and extended O-Z approach: Microsurgical anatomy, step-by-step surgical technique, anatomical video. Grand Rounds. Dept of Neurosurgery. **University of Rome La Sapienza, Rome**, Italy. January, 2001.
Host: Roberto Delfini M.D., Professor and Chairman

Lecture: Intracavernous Sinus, Cave, Ophthalmic, Superior Hypophyseal and Paraclinoid ICA Aneurysms: Microsurgical anatomy, angiographic features. Skull Base Meeting. **Catholic University of Rome**, Italy.
December, 1999 Host: Giulio Maira, M.D. Professor and Chairman

Lecture: Intracavernous sinus, Cave, Ophthalmic, Superior Hypophyseal, and Paraclinoid ICA Aneurysms: Microsurgical anatomy, angiographic features. Cerebrovascular Meeting. **University of Brescia** Hospital. Brescia, Italy. December, 1999 Host: Giovanni Marini, M.D. Professor and Chairman

Lecture: The Orbito-Zygomatic approach and extended O-Z approach: Microsurgical anatomy, step-by-step surgical technique, anatomical video. Grand Rounds. Dept of Neurosurgery. **San Giovanni Medical Center. Rome**, Italy. December, 1999
Host: Stefano Esposito, M.D. Professor and Chairman

Lecture: Intracavernous sinus, Cave, Ophthalmic, Superior Hypophyseal,and Paraclinoid ICA Aneurysms: Microsurgical anatomy, angiographic features. Neurosurgery Department. **University of Padova**. Padova, Italy. December, 1999
Host: Renato Scienza, M.D. Professor and Chairman

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Lecture: Intracavernous sinus, Cave, Ophthalmic, Superior Hypophyseal and Paraclinoid ICA Aneurysms: Microsurgical anatomy, angiographic features. **Besta Neurological Institute. Milan**, Italy. November, 1999.
Host: Sergio Giombini, M.D., Professor and Chairman

Lecture: Intracavernous sinus, Cave, Ophthalmic, Superior Hypophyseal and Paraclinoid ICA Aneurysms: Microsurgical anatomy, angiographic features. Cerebrovascular Meeting. **Bellaria Hospital. Bologna**, Italy. January, 1999 Host: Fabio Calbucci, M.D. Professor and Chairman

Lecture: Microsurgical Anatomy of Skull Base Approaches to the Brain Stem for Cavernous Malformations Lesions: BNI Experience.
Skull Base Meeting **Catholic University, Rome**, Italy. November, 1997
Host: Gian Franco Rossi, M.D. Past Professor and Chairman

Lecture: Microsurgical Anatomy of Skull Base Approaches to the Brain Stem for Cavernous Malformations Lesions: BNI Experience.
Skull Base Meeting Division of Neurosurgery **Bellaria Hospital**.
Bologna, Italy. October, 1997.
Host: Fabio Calbucci, M.D. Professor and Chairman

Scientific Posters & Presentations at National & International Meetings:

2016

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities. Visiting Professor Chicago **Board Review Course in Neurological Surgery**. January, 2016. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Limbic System and Mesial temporal lobe. Visiting Professor Chicago **Board Review Course in Neurological Surgery**. January, 2016.
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3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor, Chicago **Board Review Course in Neurological Surgery.** January, 2016. Host: Leonard I. Kranzler, M.D.

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3-D Lecture: Temporal Bone step by step dissection, microsurgical anatomy review. Visiting Professor **Chicago Board Review Course in Neurological Surgery**. January, 2016.
Host: Leonard I. Kranzler, M.D

2015

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities, Limbic System and Mesial temporal lobe. Visiting Professor, Grand Rounds. Dept. of Neurosurgery. Harvard University, Boston, May, 2015. Host: Alex Golby, M.D.

3-D Lecture: Lateral surgical corridors to the skull base: transpetrosal and combined approaches. Visiting Professor, Grand Rounds. Dept. of Neurosurgery. Northshore University of Chicago, May, 2015. Host: Julian Bailes, M.D.

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3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities. Visiting Professor Chicago Board Review Course in Neurological Surgery. January, 2015. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Limbic System and Mesial temporal lobe. Visiting Professor Chicago Board Review Course in Neurological Surgery. January, 2015. Host: Leonard I. Kranzler, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor, Chicago Board Review Course in Neurological Surgery. January, 2015. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Lateral surgical corridors to the skull base: transpetrosal and combined approaches. Visiting Professor Chicago Board Review Course in Neurological Surgery. January, 2015. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Temporal Bone step by step dissection, microsurgical anatomy review. Visiting Professor Chicago Board Review Course in Neurological Surgery. January, 2015. Host: Leonard I. Kranzler, M.D

2014

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities, Limbic System and Mesial temporal lobe. 4th Brain & Spine Symposium, October 24-25, 2014. Westin Diplomat Resort, Hollywood Florida

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. 4th Brain & Spine Symposium, October 24-25, 2014. Westin Diplomat Resort, Hollywood Florida

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities. Visiting Professor Chicago Board Review Course in Neurological Surgery. January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Limbic System and Mesial temporal lobe. Visiting Professor Chicago Board Review Course in Neurological Surgery. January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor, Chicago Board Review Course in Neurological Surgery. January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Lateral surgical corridors to the skull base: transpetrosal and combined approaches. Visiting Professor Chicago Board Review Course in Neurological Surgery. January, 2014. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Temporal Bone step by step dissection, microsurgical anatomy review. Visiting Professor Chicago Board Review Course in Neurological Surgery. January, 2014. Host: Leonard I. Kranzler, M.D.

2013

3-D Lecture: Microsurgical anatomy of the Third Ventricle. Visiting Professor Chicago Board Review Course in Neurological Surgery. February, 2013. Host: Leonard I. Kranzler, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks,entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor Chicago Board Review Course in Neurological Surgery. February, 2013. Host: Leonard I. Kranzler, M.D.

3-D Lecture: Microsurgical anatomy of the Posterior Fossa and Fourth Ventricle. Visiting Professor Chicago Board Review Course in Neurological Surgery. February, 2013. Host: Leonard I. Kranzler, M.D

2009

Lecture: Contemporary Management of Pediatric Brain Tumors. Visiting Professor University of Reggio Emila, Reggio Emilia, Italy. June, 2009
Host: Gianni De Berti, M.D

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Visiting Professor University of Reggio Emila, Reggio Emilia Italy. June, 2009
Host: Gianni De Berti, M.D

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities , and mesial temporal lobe. Visiting Professor University of Reggio Emila , Reggio Emilia, Italy. June, 2009. Host: Gianni De Berti , M.D

2008

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities , and mesial temporal lobe. Grand Rounds, Dept of Neurosurgery, Baylor College of Medicine and MD Anderson Houston, Texas.
April 21, 2008 Host: Raymond Sawaya, M.D

3-D Lecture: Lateral surgical corridors to the skull base transpetrosal and combined approaches. Grand Rounds, Dept. of Neurosurgery,
Baylor College of Medicine and MD Anderson Houston, Texas.
March 27, 2008. Host: Raymond Sawaya, M.D.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Grand Rounds, Dept. of Neurosurgery, Baylor College of Medicine and MD Anderson
Houston, Texas Nov 21, 2008 Host: Raymond Sawaya, M.D.

2007

3-D Presentation: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. 2007 AANS Pediatric Neurosurgery, Young Neurosurgeon Special Session
November 29, 2007, Coscarella E.

2006

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Grand Rounds, Dept. of Neurosurgery, University of Verona. Verona, Italy May 22, 2006. Coscarella E.

3-D Lecture: Microsurgical anatomy of the supra-tentorial ventricular cavities , and mesial temporal lobe. Grand Rounds, Dept. of Neurosurgery, University of Verona. Verona, Italy May 22, 2006. Coscarella E.

Lecture: Surgical simulation and new teaching tools in Neurosurgery: experience at the University of Miami. Grand Rounds, Dept. of Neuroscience , University of Pisa Pisa, Italy January 9, 2006. Coscarella, E.

2005

Presentation: Acute changes in cerebral blood flow and O2 metabolism in piglet model of single ventricle physiology. Society of Thoracic Surgeons National Meeting Tampa, Fl. January, 2005.
Ricci M, Lombardi L, Galindo, A., Coscarella E., Vasquez, A., Proctor, K., Rosenkranz, E.

3-D Lecture: Microsurgical anatomy and step by step surgical technique of Petrosal and Combined Approaches. Visiting Professor Grand Rounds,
Dept. of Otolaryngology. University of Miami. January, 2005. Coscarella, E.

Presentation: Near-Infrared Spectroscopy Predicts Jugular Venous O_2 Saturation but not Cerebral O_2 Delivery in an Acute Model of Single Ventricle Physiology American Associa-

tion for Cardiothoracic Surgery Annual Meeting, San Francisco. May, 2005. Ricci, M., Lombardi, P., Galindo, A., Coscarella, E., Vasquez, A., Rosenkranz, E.

Presentation: Myocardial Blood Flow Is Not Impaired in an Acute Model of Single Ventricular Physiology. American Association for Cardiothoracic Surgery Annual Meeting, San Francisco. May, 2005. Ricci, M., Lombardi, L., Galindo, A., Coscarella, E., Vasquez, A., Rosenkranz, E.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors and surgical approaches. 1st Italian American Congress, Neuroscience Session Miami, Fl. May, 2005 Coscarella E. (Member of Scientific Committee).

Presentation: Canal expansion in relation to spacer height in open door laminoplasty: A cadaveric study with clinical corroboration, CSRS 33rd Annual Meeting Manchester Grand Hyatt San Diego, CA. December 1-3, 2005. Wang M.Y., Levi A.D., Baskaya, M.K., Coscarella, E., Silbert, L., Green B.A.

Presentation: Minimally invasive cervical expansile laminoplasty: An initial cadaveric study CSRS 33rd Annual Meeting. Grand Hyatt San Diego, CA. December 1-3, 2005. Manchester Michael Y Wang, Green B.A., MD, Coscarella E., Baskaya M.K., Levi A.L., Guest, J.

3-D lecture : Microsurgical anatomy and surgical approaches of Trans-facial (level 1 to 6) , Middle Fossa , and Cavernous Sinus Hand- on Skull base Course. Brain Institute University of Florida Gainesville, Fl. August 24-26, 2005, Morcos J., Coscarella E.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Grand Rounds. Dept. of Neuroradiology, Miami Children's Hospital. November 27, 2005 Coscarella, E.

2004

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors, surgical approaches and a 4.7 tesla MRI study of the intraparenchymal anatomy. Fourth Hubert L. Rosomoff Research Day, June, 2004 Miami, Fl Coscarella, E., Baskaya, M., Morcos, J.

Presentation: Craniofacial Approaches to the Skull Base: Results, Pitfalls and Complications. The 2nd Annual BNI Alumni Meeting, Jackson Hole, WY. February, 2004. Morcos,JJ., Coscarella, E.

Presentation: Arterial vascularization of primary cortex (precentral gyrus). Fourth Hubert L. Rosomoff Research Day. Miami, FL. June, 2004,
Baskaya, M., Ugur, H.C., Kagilogullari, G., Coscarella, E., Morcos, J.

Presentation: Aneurysm of the anterior inferior cerebellar artery and posterior inferior cerebellar artery variant: clinical case report with anatomical description in the cadaver. Fourth Hubert L. Rosomoff Research Day, Miami, FL. June, 2004. Baskaya, M., Coscarella, E., Jea, A., Morcos, J.

3D Lecture: Microsurgical anatomy of the Lateral Ventricle and III Ventricle, surgical corridors. Grand Rounds, Dept. of Neurological Surgery, University of Miami December, 2004 Miami, Fl. Coscarella, E., Morcos, J.

3-D Lecture: Microsurgical anatomy of the fourth ventricular and cerebellar surgical corridors. Grand Rounds, Dept. of Neurological Surgery, University of Miami February, 2004. Miami, Fl. Coscarella, E., Morcos, J.

3-D Lecture: Microsurgical anatomy and step by step surgical technique of Petrosal and Combined Approaches. Grand Rounds, Dept. of Neurological Surgery, University of Miami. Miami, Fl. March, 2004. Coscarella, E., Baskaya, M., Morcos, J., Visiting Professor Osama Al Mefty.

3-D Lecture: The brain stem microsurgical anatomy of surface landmarks, entry points, intraparenchymal corridors and surgical approaches. Fourth Hubert L. Rosomoff Research Day, Miami, Fl. March, 2004. Coscarella, E., Baskaya, M., Morcos, J., Visiting Professor Helmut Bertalanffy

2003

Presentation: Skull Base Surgery. 25 years of Research in the Dept of Surgical Neurology--Alan Crockard meeting. London, England.
January, 2003. Morcos, J., Coscarella, E.

3-D Presentation: Complex Aneurysms of the Skull Base: 3D Anatomy, Surgical Techniques and Revascularization. Microsurgical Approaches to the Brain, Ventricles, and Skull Base. Course Director: Albert Rhoton, Jr., MD. Gainesville, FL. February, 2003, Morcos, J., Coscarella, E.

3-D Presentation : Combined Approaches through the Temporal Bone. Microsurgical Approaches to the Brain, Ventricles, and Skull Base course. Course Director: Albert Rhoton, Jr., MD. Gainesville, FL. February, 2003, Morcos J., Coscarella E.

Presentation: Temporal Bone Approaches. Hands on Practical Course. 14th Annual Meeting of the North American Skull Base Society, Memphis, TN. February, 2003. Morcos, J., Coscarella, E.

Presentation: An Alternative Extradural Exposure to the Anterior Clinoid Process(ACP) : the Superior Orbital Fissure (SOF) as a Surgical Corridor. Anatomy, Technical Note and Clinical Experience. Presented at the Third Hubert L. Rosomoff Research Day, University of Miami. Miami, FL.
June, 2003. Coscarella, E., Baskaya, M.K., Morcos, J.

2002

Presentation: An Alternative Extradural Exposure to the Anterior Clinoid Process (ACP) : the Superior Orbital Fissure (SOF) as a Surgical Corridor. Anatomy, Technical Note and Clinical Experience, 13th Annual Meeting of the North American Skull Base Society. San Diego, CA. February, 2002 Coscarella, E., Morcos, J.

Presentation: Combined craniofacial approaches to lesions involving the anterior cranial fossa, paranasal sinuses and the clivus . 13th Annual Meeting of the North American Skull Base Society. San Diego, CA, February, 2002 Baskaya M.K., Abumeri, I.A., Coscarella, E., Schwartz, A., Civantos, F., Weed, D., Morcos, J.

3-D Presentation: Microsurgery of aneurysms. Recent Advances. Cranioorbitozygomatic approach. Teaching Faculty, Hands-on Cadaver Workshop, Saint Louis University. Course Director: Ali F. Krisht, M.D. Saint Louis, Missouri. March, 2002. Morcos, J., Coscarella, E.

Poster: Combined craniofacial approaches to lesions involving the anterior cranial fossa, paranasal sinuses and the clivus American Association of Neurological Surgeons Meeting, Chicago, IL, April, 2002 Baskaya, M., Abumeri, I.A., Coscarella, E., Schwartz, A., Civantos, F., Weed, D., Morcos, J.

Presentation: Combined surgical approaches through the temporal bone: surgical anatomy, pitfalls and complications. Lessons learned in a series of 29 patients. Poster Presentation, American Association of Neurological Surgeons Meeting. Chicago, IL. April, 2002. Baskaya, M.K., Abumeri, I.A., Coscarella, E., Morcos, J.

Presentation: Surgical results of combined craniofacial approaches to lesions involving the anterior cranial fossa, paranasal sinuses and the clivus: surgical anatomy and pitfalls. Second Hubert L. Rosomoff Research Day, University of Miami, Miami, FL. June, 2002, Baskaya, M.K., Coscarella, E., Morcos, J.

Presentation: Combined Skull Base Approaches through the Temporal Bone. 8th Montana Neurosurgery Symposium, Pray, MN. July, 2002. Morcos J., Coscarella, E.

3-D Presentation: PICA-PICA and Occipital-PICA bypass. 3rd Annual International Symposium on Cerebral Revascularization. Course Director: Saleem Abdulrauf. St Louis, MO.September, 2002. Morcos J., Coscarella, E.

Presentation: Combined surgical approaches through the temporal bone. 20th International Course on Clinical Neurosurgery. Course Director: Prof Madjid Samii. Hannover, Germany. Nov, 2002, Morcos, J., Coscarella, E.

3-D Lecture: Cave, Superior Hypophyseal, Paraclinoid and Cavernous Sinus Aneurysm: microanatomy classification and surgical approaches Grand Rounds. Dept. of Neurological Surgery. University of Miami. Miami, Fl. October, 2002, Coscarella, E., Morcos, J.

Lecture : Minimal invasive lateral mass screw in the treatment of cervical facet dislocations: Technical note. Grand Rounds. Dept. of Neurological Surgery. University of Miami. Miami, Fl. May, 2002, Wang, M., Coscarella, E., Baskaya, M.K., Levi, D.A., Green, B A.

Lecture: Surgical approaches to the pineal region. 5th Spanish Skull Base Congress. Salamanca, Spain. March, 2002, Heros, R.C., Coscarella, E., Baskaya, M.

3-D Lecture: Microsurgical anatomy of supra-condylar, trans-condylar and retro-condylar corridors Grand Rounds, Dept. of Neurological Surgery, University of Miami. March, 2002. Coscarella, E., Morcos, J.

3-D Lecture: Microsurgical Anatomy of Occipital Cervical Junction, Vertebral Artery, Pica, Occipital Artery and Posterior Lateral Neck Dissection: 3-D pictures and step-by-step video of Pica to Pica bypass, occipital artery to Pica bypass. Grand Rounds. Dept. of Neurological Surgery, University of Miami, January, 2002, Coscarella, E., Morcos, J.

2001

Presentations : Surgical anatomy of the fronto-orbito-zygomatic approach. Grand Rounds. Department of Neurological Sciences of Rome, "La Sapienza" University. Rome, Italy. January, 2001. Coscarella, E, Morcos, J.

Presentation: Combined petrosal approaches. Premeeting Workshop. North American Skull Base Society Meeting. Orlando, Florida. Feb/March, 2001 Morcos J., Coscarella E.

3- D Presentation: Microsurgery of aneurysms. Recent Advances. Teaching Faculty, Hands-on Cadaver Workshop, Saint Louis University. Course Director: Ali F. Krisht, MD. Saint Louis, Missouri.
March 26-29, 2001 Morcos J., Coscarella, E.

Presentation: Combined surgical approaches through the temporal bone: surgical anatomy, pitfalls and complications. First Hubert L. Rosomoff Research Day, University of Miami. Miami, Florida. June, 2001. Morcos, J., Coscarella, E.

3D Presentaion: 3-D real time and virtual reality neuroanatomical navigational system: a new tool in neurosurgery? First Hubert L. Rosomoff Research Day. University of Miami. Miami, Florida. June, 2001.
Coscarella, E., Morcos, J.

Presentation: Indications, results and complications of transpetrous approaches. XLIV Chilean Congress of Neurosurgery. Santiago, Chile. October, 2001. Morcos J., Baskaya, M., Coscarella, E.

Presentation: Role of craniofacial approaches to lesions of the clivus and skull base. XLIV Chilean Congress of Neurosurgery, Santiago, Chile. October, 2001 Morcos, J., Abumeri, I., Baskaya, M., Coscarella, E.

Presentation: Anatomy of anterior and posterior transpetrous approaches. XLIV Chilean Congress of Neurosurgery. Santiago, Chile. October, 2001. Morcos, J., Coscarella, E.

Presentation: Combined surgical approaches through the temporal bone: surgical anatomy, pitfalls and complications. Lessons learned in a series of 29 patients. American Academy of Neurological Surgery. Palm Beach, Florida. November, 2001. Morcos, J., Baskaya, M.K., Abumeri, I.A., Coscarella, E.

3-D Presentation : Carotid Endarterectomy; 3-D slides & video PICA to PICA anastomosis. The 2nd Annual International Symposium and Hands-On Course on Cerebral Revascularization. St. Louis University School of Medicine. Course Director: Saleem Abdulrauf, MD. St. Louis, Missouri. November, 2001. Morcos, J., Coscarella, E.

Presentation: The Orbito-zygomatic approach and the Extended orbito-zygomatic approach: microsurgical anatomy and clinical applications in giant aneurysm surgery. 50th National Italian congress of Neurological Surgery. Rome, December 2001 Coscarella E, Morcos J.

Presentation: The Trans-Cavernous Sinus roof approach: stepwise microsurgical anatomy and clinical applications in giant aneurysm surgery. 50th National Italian congress of Neurological Surgery. Rome ,December, 2001, Coscarella, E, Morcos, J.

Presentation: Carotid cave, parasellar and paraclinoid aneurysms: microsurgical anatomy, angiography features, surgical techniques. Anatomico-clinical correlations. Application to giant lesions. 50th National Italian Congress of Neurological Surgery. December, 2001. Coscarella, E., Morcos, J.

Presentation : An Alternative Extradural Exposure to the Anterior Clinoid Process: The Superior Orbital Fissure as a Surgical Corridor: anatomy, technical note and clinical experience. 50th National Italian Congress of Neurological Surgery. December, 2001 Coscarella, E., Morcos, J.

3-D Presentation: Extreme Lateral Supracerebellar Infratentorial Approach to the Posterior Lateral Mesencephalon: microsurgical anatomy. 50th National Italian Congress of Neurological Surgery. December, 2001. Coscarella, E., Morcos, J.

3-D Lecture: The anatomy of the facial nerve: subfascial and submuscular methods of temporal muscle dissection and their relationship to the frontal branch of the facial nerve. Video technique. Grand Rounds. Dept. of Neurological Surgery. University of Miami. December, 2001 Coscarella, E., Morcos, J.

3-D Lecture: The Orbito-Zygomatic approach and extended O-Z approach: Microsurgical anatomy, step by step surgical technique, anatomical video. Grand Rounds, Dept. of Neurological Surgery, University of Miami, July 2001Coscarella E., Morcos J.

3-D Lecture: Microsurgical anatomy of the orbit: The median, medial and lateral surgical corridors to the optic nerve. Grand Rounds. Dept. of Neurological Surgery. University of Miami. February, 2001. Coscarella, E., Morcos, J.

Lecture: The orbito-zygomatic approach and extended O-Z approach: Microsurgical anatomy , step-by-step surgical technique, anatomical video. Grand Rounds invitation, Dept of Neurosurgery. University of Rome. La Sapienza. Rome, Italy. January, 2001. Coscarella, E., Morcos, J.

Lecture: The Orbito-Zygomatic approach and extended O-Z approach: Microsurgical anatomy, step by step surgical technique, anatomical video. Grand Rounds. Dept of Neurosurgery. San Giovanni Medical Center. Rome, Ital. January, 2001 Coscarella, E., Morcos, J.

2000

Presentation: The combined approach. Pre-meeting practical course, North American Skull Base Society Meeting. Phoenix, Arizona, March, 2000. Morcos, J., Coscarella, E.

Presentation: Anatomy of the cavernous sinus. Grand Rounds. Dept of Otolaryngology. University of Miami. June, 2000. Morcos, J., Coscarella, E.

Presentation: Anterior and posterolateral skull base approaches. Third Pan American Symposium in Neurology and Neurosurgery. Royal Sonesta Hotel, Key Biscayne, Florida. July, 2000 Morcos, J., Coscarella, E.

Presentation: Petrous Approaches – Techniques and Indications. Pre-Congress Course. Third International Skull Base Congress, Foz do Iguassu, Brazil, Nov, 2000 Morcos, J., Coscarella, E.

Presentation: Anatomy of the middle fossa approach. Luncheon Seminar. Third International Skull Base Congress, Foz do Iguassu, Brazil. November, 2000. Morcos J, Coscarella E.

Presentation: Orbitozygomatic approach. Practical cadaveric course: Lateral Skull Base Approaches, Verona, Italy, December 2000 Morcos J., Coscarella, E.

Presentation: Extended middle fossa approach. Practical cadaveric course: Lateral Skull Base Approaches. Verona, Italy. December, 2000. Morcos, J., Coscarella, E.

3-D Lecture: Clinoidal, paraclinoidal and cavernous sinus aneurysm: microanatomy classification and surgical approaches. Grand Rounds. Dept. of Neurological Surgery. University of Miami. Miami, Fl. Sept, 2000 Coscarella, E., Morcos, J.

3-D Lecture: Transpetrosal and combined approaches to the anterior and middle tentorial incisura region. Grand Rounds. Dept. of Neurological Surgery. University of Miami. Miami, Fl. April, 2000
Coscarella, E., Morcos, J.

Lecture: Microsurgical anatomy and clinical consideration of combine trans-petrosal approaches to the petroclival area. Third Pan American Neurosurgical Congress. Skull Base Course. University of Miami. Miami, Fl. July, 2000. Heros, R., Morcos, J., Telischi, F., Coscarella, E.

1999

Lecture: Intracavernous Sinus and Clinoidal-Supraclinoidal ICA Segment Aneurysms: microsurgical anatomy, angiographic features and surgical indications. Cerebrovascular Meeting. University of Brescia Hospital. Brescia, Italy. December, 1999. Coscarella, E., Spetzler, R.F.

Lecture: Intracavernous Sinus and Clinoidal-Supraclinoidal ICA Segment Aneurysms: microsurgical anatomy, angiographic features and surgical indications. Neurosurgery department. University of Padova. Padova, Italy. December, 1999. Coscarella, E., Spetzler, R.F.

Lecture: Intracavernous sinus and clinoidal-supraclinoidal ICA segment aneurysms: microsurgical anatomy, angiography features and surgical indications. Besta Neurological Institute. Milan. Italy. November, 1999 Coscarella, E., Spetzler, R.F.

Presentation : Anastomotic Bypass for Non-Moya Moya Cerebrovascular Pathology in a Pediatric Population. 50th National Italian Congress of Neurological Surgery. September, 1999. Coscarella, E., Vishteh, G., Rekate, H., Zabramski, J.M., Spetzler, R.F

Poster : The subfascial method of temporalis muscle dissection and its relationship to the frontalis branch of the facial nerve: technical note. Congress of Neurological Surgeons. Boston, Ma. October,1999. Coscarella, E., Vishteh, G., Spetzler, R.F., Zabramski, J.M.

Poster : Anastomotic Bypass for Non-Moya Moya Cerebrovascular Pathology in a Pediatric Population. Congress of Neurological Surgeons, Boston, Ma. October, 1999. Coscarella ,E., Vishteh, G., Rekate, H., Zabramski, J.M., Spetzler, R.F.

.

Poster : Frameless Intraoperative Stereotaxy as an Adjunct for the Surgical Management of Giant Fusiform Aneurysms: Technical note. Congress of Neurological Surgeons. Boston, Ma. October, 1999. Coscarella E, Vishteh G., Rekate H, Zabramski JM., Spetzler R.F.

Presentation: Multimodality Management of Complex Posterior Cerebral Artery Aneurysms. Rocky Mountain Neurosurgical Society Coeur d'Alene. June, 1999. Giancarlo Vishteh, A., Theodore, N., Coscarella E., Mc Dougall, C.G., Zabramski, J.M., Spetzler, R.F.

Presentation: Occipitocervical Fusion in a Pediatric Population: Long-term Follow-Up and Detailed Osteometric Analysis. Rocky Mountain Neurosurgical Society Coeur d'Alene.

June, 1999. Theodore N., Coscarella E., Apostolides, D., Dickman, C., Rekate, A., Sonntag, V., Spetzler, R.F.

Presentations : Anastomotic Bypass for Non-Moya Moya Cerebrovascular Pathology in a Pediatric Population. 25th Annual Symposium in Neurosurgery BNI. Phoenix, Az. March, 1999. Coscarella, E., Vishteh, G., Rekate, H,. Zabramski, J.M., Spetzler, R.

Lecture: Intracavernous Sinus and Clinoidal-Supraclinoidal ICA Segment Aneurysms: microsurgical anatomy, angiography features and surgical indications. Cerebrovascular Meeting. Bellaria Hospital. Bologna, Italy. January, 1999. Coscarella, E., Spetzler, R.F.

1998

Presentations : Pterional and Orbitozygomatic Approaches to the Basilar Artery Complex Aneurysms and Skull Base Demonstration. 24th Barrow
Neurological Institute Symposium Phoenix Az. March, 1998
Spetzler, R.F., Zabramski, J.F., Coscarella, E.

1997

Poster: The Tonsillo-Hemispheric corridor: A novel approach to the lesion adjacent the cerebellar peduncles. American Association of Neurological Surgeons. Denver, Colorado. February, 1997. Rothbarth, D., Baskin, J., Coscarella E., Spetzler. R.

Lecture: Skull Base Approaches to the Brain Stem for Cavernous Malformations Lesions: BNI Experience. Skull Base Meeting. Catholic University. Rome, Italy. November, 1997. Coscarella, E., Spetzler, R.

Lecture: "Lateral Skull Base Approaches and Medial Paramedian and Extreme Lateral Infratentorial Supracerebellar Approachesto the Brain Stem:Technical aspects, microsurgical anatomy, BNI experience. Skull Base Meeting. Neuro-Otology Group. Piacenza, Italy. October, 1997. Coscarella E., Spetzler, R.F.

Presentation: Skull Base Approaches to the Brain Stem Cavernous Malformations presented at the National Italian Neurological Surgery Society. Bologna, Italy. October, 1997. Coscarella, E., Porter, R., Detwiler (R.F. Spetzler M.D. Honored Guest)

Lecture: Technical aspects and microsurgical anatomy of orbitozygomatic approach to the anterior circulation aneurysms. Modena University, Neurosurgery Division. Modena, Italy. September, 1997. Coscarella, E., Spetzler, R.F.

1992

Presentation: Giant Cells tumors of the Sphenoid Bone. National Skull Base Meeting, Rome, Italy. October, 1992. Coscarella, E., Pau, A.

Personal Interests:

Music: I both play and compose music for piano.
Outdoor sports: skiing, snowboarding, and hiking
Married for 15 years, I enjoy coaching soccer for my ten-year-old son's first division league.

References:

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