

Antonio Bernardo, M.D.

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Antonio Bernardo is a highly distinguished, award winning neurosurgeon, who pioneered the use of 3D technology in neurosurgery. Dr. Bernardo trained under some of the world's leading neurosurgeons and is internationally recognized for his outstanding contribution to the field of neurosurgery. He has trained more than 4,000 neurosurgeons internationally in his surgical courses and as a result of his pioneering approach to education Dr Bernardo has frequently been invited as an honored speaker in numerous countries. His clinical expertise is demonstrated by his academic appointments, extensive teaching history, and collection of published works. Dr. Bernardo serves as neurosurgical consultant in many countries and currently serves on the Faculty of Neurological Surgery at the distinguished Weill Cornell Medical College in New York, where he is the Director of the Surgical Innovations Laboratory. Dr. Bernardo remains highly regarded and sought after as a leading expert in skull base neurosurgery.

Background Information

Received M.D. in 1990. Native Italian. Fluent in English and Spanish, Fair French and Portuguese language skills

Professional Memberships

- Diplomate, Italian Board of Neurological Surgery
- General Medical Council - UK
- Register of Neurosurgeons of the United Kingdom
- Italian Register of Surgeons
- Peruvian Association of Neurological Surgeons
- Peruvian Academy of Surgery
- Caribbean Association of Neurological Surgeons
- Venezuelan Association of Neurological Surgeons
- Dominican Association of Neurological Surgeons
- Congress of Neurological Surgeons, US

Present Appointments

Asst. Professor of Neurological Surgery, Director Microneurosurgery Skull Base Laboratory 2004 - Present
Weill Medical College of Cornell University, Department of Neurosurgery New York, NY

Neurosurgical Consultant 2000-Present
Argentina, Brazil, Colombia, Mexico, Chile, Venezuela, Peru, Spain, Egypt, Saudi Arabia

Prior Appointments

Clinical Consultant 2008 - 2011
The Anspach Companies Palm Beach, FL

Clinical Consultant 2002 - 2006
Medtronic / Midas Rex Fort Worth, TX

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Robert F. Spetzler Skull Base Surgery Fellow Barrow Neurological Institute Department of Neurosurgery	2001 - 2003 Phoenix, AZ
Director, Microneurosurgery Skull Base Laboratory University of Medicine and Dentistry of New Jersey, Division of Neurosurgery	2000 - 2001 Newark, NJ
Instructor, Clinical Surgeon Foundation for International Education of Neurological Surgery (FIENS)	1999 - 2000 Peru

Postdoctoral Training

Scholar, Clinical Instructor, Co-Director of Skull Base Laboratory University of California at Irvine Department of Neurosurgery	1996 - 1999 Irvine, CA
Clinical Fellow, Chief Neurological Surgery Resident Western General Hospital Department of Neurosurgery	1994 - 1996 Edinburgh, Scotland
Neurological Surgery Resident University of Naples Department of Neurosurgery	1991 - 1994 Naples, Italy
General Surgery Internship Rotation University of Naples Department of Emergency Surgery	1990 - 1991 Naples, Italy

Education

Diploma of Italian Board of Neurological Surgery (Summa cum laude) Faculty of Medicine and Surgery, University of Naples Federico II	1991 - 1996 Naples, Italy
Diploma of Professional Qualification Faculty of Medicine and Surgery, University of Naples Federico II	1991 Naples, Italy
Doctor of Medicine and Surgery Faculty of Medicine and Surgery, University of Naples Federico II	1983 - 1990 Naples, Italy
Diploma di Maturita' Classica (Classical Humanistic Lycee) (Top Honors) Giordano Bruno Institute	1991 - 1994 Maddaloni, Italy

Postgraduate Research Experience

Director, Microneurosurgery Skull Base Laboratory Weill Medical College of Cornell University, Department of Neurosurgery The Skull Base Laboratory is a state of the art facility where neurosurgical fellows are trained from all over the world. The laboratory integrates exquisite cadaveric dissections, 3-D visualization, virtual reality, and computerized simulation for training of surgical procedures and visuospatial skills and to investigate new	2004 - Present New York, NY
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surgical routes to access intracranial targets.

Department of Neurosurgery Researcher, Supervised by Dr. Robert F. Spetzler 2001 - 2003
Barrow Neurological Institute Phoenix, AZ

Developed a three-dimensional surgical simulator to teach surgeons the visual-spatial skills required to perform skull base surgical approaches. The project is called interactive virtual dissection (IVD) and integrates cadaveric dissections, 3-D visualization, virtual reality, and computerized simulation for training of surgical procedures.

Department of Neurosurgery Researcher, Supervised by Dr. Mario Ammirati 2000 - 2001
University of Medicine and Dentistry of New Jersey / Robert Wood Johnson Medical School Camden, NJ

Study of intracranial microsurgical anatomy with computerized 3D reconstruction.

Department of Neurosurgery Researcher, Supervised by Dr. Mario Ammirati 1997 - 1999
University of California at Irvine Department of Neurosurgery Irvine, CA

Study of intracranial microsurgical anatomy with computerized 3D reconstruction.

Department of Clinical Neurosciences Researcher, Supervised by Prof. J. Douglas Miller 1994 - 1996
Western General Hospital Edinburgh, Scotland

Followed subarachnoid hemorrhage and head injured patients for secondary insults using the Edinburgh computerized monitoring system. Evaluating a new system for measuring intracranial compliance in patients with a variety of brain disorders (Spiegelberg brain pressure system). Coordinated the ROCHE multinational clinical trial to assess the efficacy of an Endothelin antagonist (Bosentan) in SAH, WFNS grades IV and V.

Department of Neurosurgery Researcher 1990 - 1994
University of Naples Naples, Italy

Researched wave-form analysis of intracranial pressure, volume pressure response. Studied the differential ecotomographic morphology of intracranial structures, normal and pathologic, using intraoperative ultrasound. Performed ecotomographic evaluation pre and post endoarterectomy.

Postgraduate Research Experience

Neuro-immuno-hisochemistry and Neuropathology Laboratory Researcher 1986 - 1990
University of Naples Federico II Naples, Italy

Performed in vitro cell cultures of brain tumors and evaluated expression of hormone receptors in intracranial meningiomas.

Teaching Experience

December 2013 Course Director: 9th Cornell Surgical Approaches to the Skull Base. Hands-on course with 3D technology at Weill Cornell Medical College, NY.

November 2013 Faculty at the senior neurosurgical resident course on "Essential Cranial base Techniques for Microneurosurgery", Palm Beach, FL.

November 2013 Faculty at NYU course on "Approaches to the Skull Base" for Senior Neurotology Residents,

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	Palm Beach, FL.
September 2013	Course Director: 8 th Cornell Surgical Approaches to the Skull Base. Hands-on course with 3D technology at Weill Cornell Medical College, NY.
September 2013	Course Director: Cornell / American Austrian Foundation Annual Seminar for Neurosurgery, Salzburg, Austria.
July 2013	Invited faculty at XV Microsurgery and Skull Base Surgery Course, L'Aquila, Italy
June 2013	Course Director: Depuy Synthes Workshop on Skull Base Surgery for south American neurosurgeons, Palm Beach, FL.
May 2013	Faculty at the SNS Boot Camp Course at Weill Cornell medical College, New York, NY
March 2013	Course Director: Depuy Synthes Workshop on Approaches to the Skull Base for neurotologists, Palm Beach, FL.
March 2013	Course Director: Depuy Synthes Workshop on Skull Base Surgery for neurosurgeons, Palm Beach, FL.
January 2013	Faculty at the course on "Surgical Approaches to the anterior circle of Willis", Naples, Italy.
January 2013	Faculty at the senior neurosurgical resident course on "Essential Cranial base Techniques for Microneurosurgery", Palm Beach, FL.
January 2013	Faculty at NYU Approaches to the Skull Base Senior Neurotology Residents Course, Palm Beach, FL.
December 2012	Course Director: 7 th Cornell Surgical Approaches to the Skull Base. Hands-on course with 3D technology at Weill Cornell Medical College, NY.
October 2012	Course Director: Cornell / American Austrian Foundation Annual Seminar for Neurosurgery, Salzburg, Austria.
September 2012	Course Director: Depuy Synthes Workshop on Skull Base Surgery, Palm Beach, FL.
July 2012	Visiting Professor at University of Sassari, Italy. Lectures on neurosurgical anatomy to medical students and residents.
July 2012	Invited faculty at XIV Microsurgery and Skull Base Surgery Course, L'Aquila, Italy
May 2012	Course Director: Synthes Symposium on Skull Base Surgery and Neurotrauma, Medellin, Colombia.
April 2012	Course Director: Synthes Symposium on Skull Base Surgery and Neurotrauma, Lima , Peru.
December 2011	Course Director: 6 th Cornell Surgical Approaches to the Skull Base. Hands-on course with 3D technology at Weill Cornell Medical College, NY.
November 2011	Faculty at The Anspach Skull Base Surgery Course for senior ENT residents, Palm Beach, FL.
October, 2011	Co-director of the course on Skull Base Pterional and Cranio-spinal Postero-lateral Approaches, at the EANS meeting, Rome, Italy.
September 2011	Course Co-Director: 3D Temporal Bone Anatomy at the 28 th Politzer Society Meeting, Athens, Greece.
July 2011	Invited faculty at XIV Microsurgery and Skull Base Surgery Course, L'Aquila, Italy.
March 2011	Course Director: 5 th Cornell Surgical Approaches to the Skull Base. Hands-on course with 3D technology at the Anspach Laboratories, Palm Beach, FL.
December, 2010	Faculty at the course on Surgical Approaches to the 3 rd ventricle, Naples, Italy.

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- November 2010 Faculty at The Anspach Skull Base Surgery course for senior ENT residents and senior neurosurgical residents, Palm Beach, FL.
- September 2010 Course Director: Surgical Approaches to the Skull Base in Santo Domingo, D.R.
- July 2010 Faculty at The Anspach Skull Base Surgery course for senior ENT residents and senior neurosurgical residents, Palm Beach, FL.
- February 2010 Course Director: 4th Cornell Surgical Approaches to the Skull Base. Hands-on course with 3D technology at the Anspach Laboratories, Palm Beach, FL.
- November 2009 Faculty at The Anspach Skull Base Surgery Course for senior ENT residents and senior neurosurgical residents, Palm Beach, FL.
- November 2009 Course Director: Surgical Approaches to the Skull Base in Cali, Colombia.
- September 2009 Invited faculty at 2nd interdisciplinary AO course 2009 on Skull Base Surgery / Approaches to the Lateral Skull Base, Vienna, Austria.
- August 2009 Invited faculty at the course on Cerebral Aneurysms in Lima, Peru.
- July 2009 Invited faculty at the course on Surgical Approaches for Cerebral aneurysms in Sao Paulo, Brazil.
- July 2009 Faculty at The Anspach Skull Base Surgery Course for senior ENT residents and senior neurosurgical residents, Palm Beach, FL.
- April 2009 Faculty at 1st International Skull Base Surgery Course & Workshop, at the Military Hospital in Riyadh, Saudi Arabia.
- March 2009 Course Director: Surgical Approaches to the Skull Base, Cartagena & Barranquilla, Colombia.
- February 2009 Course Director: 3rd Cornell Surgical Approaches to the Skull Base. Hands-on course with 3D technology at the Anspach Laboratories, Palm Beach, FL.
- November 2008 Faculty at The Anspach Skull Base Surgery Course for senior ENT residents and senior neurosurgical residents, Palm Beach, FL.
- October 2008 Course Director: Pre-congress Course on Skull Base Surgery at the Congress of Latin American Neurosurgical Federation in Bogota, Colombia.
- October 2008 Invited Faculty at the Surgery of the Skull Base and Cisterns course at Menaggio, Como, Italy.
- July 2008 Invited Faculty at the Advanced Skull Base Course at University La Sapienza, Rome, Italy.
- July 2008 Faculty at The Anspach Skull Base Surgery course for senior ENT residents and senior neurosurgical residents, Palm Beach, FL.
- March 2008 Invited Faculty at the Surgery of the Skull Base and Cisterns course at Hospital Le Molinette, University of Turin, Italy.
- December 2007 Course Director: Surgical Approaches to the Skull Base. Hands-on course with 3D technology at Cornell University, NY.
- July 2007 Faculty at The Anspach Skull Base Surgery course for senior ENT residents and senior neurosurgical residents, Palm Beach, FL.
- December 2006 Course Director: Surgical Approaches to the Skull Base. Hands-on course with 3D technology at Cornell University, NY.
- November 2006 Faculty at The Anspach Skull Base Surgery course for senior neurosurgical residents, Palm Beach, FL
- July 2006 Faculty at The Anspach Skull Base Surgery course for senior residents, Palm Beach, FL.

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- December 2005 Course Director: Pre-Congress Course on Skull Base Surgical Anatomy and Virtual Reality at the National Italian Congress of Neurological Surgeons in Turin, Italy.
- November 2005 Course Director: pre-congress course on Skull Base Surgery at the XII National Peruvian Congress of Neurological Surgeons in Lima, Peru.
- November 2005 Faculty at The Anspach Skull Base Surgery course for senior residents, Palm Beach, FL.
- September 2005 Course Director: Skull Base Surgical Course at the National meeting for neurosurgical residents in Mexico City.
- July 2005 Faculty at The Anspach Skull Base Surgery course for senior residents, Palm Beach, FL.
- July 2005 Course Director: Pre-Congress Course on Skull Base Surgery at the XVIII National Mexican Congress of Neurological Surgeons in Merida, Mexico.
- June 2005 Faculty at the Management of Challenges in Otolaryngology-Head and Neck Surgery Course at Cornell University, NY.
- May 2005 Course Director: Skull Base Surgical Approaches at the Universita Pontificia Catolica of Santiago, Chile.
- May 2005 Faculty at the Advanced Endoscopic Skull Base Surgery Course at the University of Cornell, New York, NY.
- January 2005 Visiting Professor at the University of Guadalajara. Co-director (with Dr. AJ Rothern) of a 3-days skull base surgery dissection course (with 3D technology). Guadalajara, Mexico.
- October 2004 Course Director: 2 days pre-congress 3D course on Skull Base Surgery at the Congress of Latin American Neurosurgical Federation in Panama City, Panama.
- October 2004 Course Director: 1 day workshop on application of powered surgical instruments in neurosurgery in Santa Cruz, Bolivia.
- August 2004 Course Director: skull base dissection course" at the Hospital General of Mexico, Mexico.
- July 2004 Directed 3 surgical workshops at 3 different hospitals, Red Cross Hospital, the Hospital Los Angeles Pedrogal in Mexico City, and at the General Hospital, in Toluca, Mexico.
- June 2004 Course Director: 2 days Temporal Bone Dissection Course with 3D Technology, sponsored by the Medical School of the Hospital de Especialidades del Centro Medico, in Mexico City.
- June 2004 Course Director: Surgical course on Transpetrosal Approaches in Skull Base Surgery at the National Social Security Hospital " Civil Nuevo", in Guadalajara, Mexico.
- May 2004 Course Director: Surgical course (with 3D technology) on Dissection of the Temporal Bone, at the Medical School of the University of Nuevo Leon in Monterrey, Mexico.
- April 2004 Course Director: 2-days workshop on application of powered surgical instruments in neurosurgery, Guadalajara, Mexico.
- March 2003 Visiting Professor at the University of Illinois at Peoria.
- March 2003 Course Director: Dissection course on Transpetrosal Approaches to the Base of the Skull at the International Meeting of Otolaryngology in Bogota, Colombia.
- February 2003 Faculty at the Skull Base Surgery Workshop, Barrow Neurological Institute, Phoenix, AZ.
- January 2003 Course Director: Dissection course (with virtual reality technology) on Skull Base Surgery at the International Meeting of Neurosciences, Mona-Kingston, Jamaica.
- December 2002 Course Director: Dissection course (with 3D technology) on Surgical Approaches to the Base of the Skull at the University of Bucaramanga, Colombia.

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October 2002	Course Director: 2 days Pre-congress Course on Skull Base Surgery at the Congress of Latin American Neurosurgical Federation in Lima, Peru.
May 2002	Course Director: Transpetrosal Approaches to the Clivus at University of Caracas, Venezuela.
November 2001	Course Director: Workshop on Dissection of Cavernous Sinus and Parasellar Region at the XVIII international Simposium in Neurosurgery in Bogota, Colombia.
March 2001	Course Director: Temporal Bone Dissection Course at the III International Meeting of Neurosciences in Bogota, Colombia.
August 2000	Course Director: Temporal Bone Dissection Course at the Annual Meeting of the Colombian Congress of Neurosurgeons in Medellin, Colombia.
1999-2000	Course Director: Skull Base Surgery Courses at various hospitals surrounding Lima, Peru.
1997-1999	Organized and co-directed monthly dissection courses on skull base surgery for neurosurgical residents at University of California, Irvine.
1993-1994	Clinical tutor in Neurological Surgery for medical students and post-graduates at University of Naples, Italy.
1991-1993	Taught Pharmacology, Infectious Diseases and Neuropsychiatry at Professional School for Nurses, Italy.

Visiting Professorships

2012	Istituto Clinico Humanitas/University of Milan, Italy
2011, 2012	University of Sassari, Italy
2011	University Campus Biomedico, Rome, Italy
2010	George Washington University, Washington
2008	University of Verona, Italy
2004, 2006	University "La Sapienza" Rome, Italy
2006	University of Naples, Italy
2006	University of Padua, Italy
2005	University of Guadalajara, Mexico
2003	University of Illinois at Peoria
2003	University of West Indies, Mona-Kingston, Jamaica
2002	University of Bucaramanga, Colombia
2002	University of Caracas, Venezuela
2000	University "Federico Villareal" of Lima, Peru
2000	Instituto de Ciencias Neurologicas " Oscar Trelles" of Lima, Peru

Papers Presented to Scientific Meetings

Quantitative Comparison of 3D-Endoscopic Transtubular Transcortical and Transcallosal Approaches for Excision of Hypothalamic Hamartomas Using a Synthetic Tumor Model.

Shoakazemi A, Evins AI, Burrell JC, Stieg PE, Bernardo A.

The 82nd American Association of Neurological Surgeons Annual Scientific Meeting; April 2014; San Francisco, California

Comparison of the 3D Endoscopic Transnasal and Presigmoid Approaches to Anterior Pontine Cavernomas Using a Synthetic Tumor Model.

Shoakazemi A, Evins AI, Roseto R, Bernardo A.

The 82nd American Association of Neurological Surgeons Annual Scientific Meeting; April 2014; San Francisco, California

Comparison of Orbitopterional and Pterional Approaches to Contralateral Carotid Artery Bifurcation and Middle Cerebral Artery Aneurysms.

Hurtado S, Evins AI, Rosseto RS, Stieg PE, Bernardo A.

The 82nd American Association of Neurological Surgeons Annual Scientific Meeting; April 2014; San Francisco, California

Comparison of Microscopic and Endoscopic-Assisted Extradural Anterior and Posterior Clinoidectomies through a Supraorbital Keyhole Approach.

Rosseto RS, Evins AI, Salazar B, Hurtado S, Shoakazemi A, Stieg PE, Bernardo A.

The 82nd American Association of Neurological Surgeons Annual Scientific Meeting; April 2014; San Francisco, California.

3D Endoscope-Assisted Transcallosal Approach to the Third Ventricle: A Cadaveric Study.

Shoakazemi A, Evins AI, Bernardo A.

The 82nd American Association of Neurological Surgeons Annual Scientific Meeting; April 2014; San Francisco, California

3D Morphology of the Intercavernous Sinuses in Transphenoidal Endoscopic Approaches.

Salazar B, Evins AI, Hurtado S, Rosseto RS, Stieg PE, Bernardo A.

The 82nd American Association of Neurological Surgeons Annual Scientific Meeting; April 2014; San Francisco, California

3D Endoscopic Transtubular Anterior Petrosectomy for Petroclival Meningiomas: Assessment of Resection in Varying Tumor Volumes Utilizing a Synthetic Tumor Model.

Evins AI, Shoakazemi A, Burrell JC, Kappor R, Stieg PE, Bernardo A.

The 24th Annual Meeting of the North American Skull Base Society; February 2014; San Diego, California

3D Endoscope-Assisted Transcallosal Approach to the Third Ventricle Using a Minimally Invasive Tubular Retractor System – A Feasibility Study.

Shoakazemi A, Evins AI, Bernardo A.

The 24th Annual Meeting of the North American Skull Base Society; February 2014; San Diego, California

Posterior Transposition of the Facial Nerve in the Transcochlear Approach.

Bodhinayake I, Evins, AI, Ottenhausen M, Bernardo A.

The 24th Annual Meeting of the North American Skull Base Society; February 2014; San Diego, California.

Quantitative Analysis of Conservative Hearing Sparing Skull Base Surgical Approaches to the Petroclival Area and Cerebellopontine Angle.

Rigante L, Evins AI, Beer-Furlan A, Beer-Furlan A, Anichini G, Stieg PE, Bernardo A.

The 2013 Annual Meeting of the European Association of Neurological Societies; November 2013; Tel Aviv, Israel

The Extra-Cranial Facial Nerve As Seen In Different Surgical Approaches: An Extensive Anatomic-Surgical Study.

Anichini G, Evins AI, Lapadula G, Rigante L, Beer-Furlan G, Stieg PE, Bernardo A.

The 2013 Annual Meeting of the Congress of Neurological Surgeons; October 2013; San Francisco, California

Quantitative Analysis of Conservative Hearing Sparing Perilabyrinthine Transpetrosal Surgical Corridors to the Petroclival Area and Cerebellopontine Angle.

Rigante L, Evins AI, Beer-Furlan A, Anichini G, Stieg PE, Bernardo A.

The 2013 Annual Meeting of the Congress of Neurological Surgeons; October 2013; San Francisco, California

Dual-Port Endoscopy: Expanding the Lateral Limits of the Endonasal Approaches.

Beer-Furlan A, Evins AI, Rigante L, Bernardo A.

The 2013 Annual Meeting of the Congress of Neurological Surgeons; October 2013; San Francisco, California.

The Supraorbital Keyhole Approach for Optic Nerve Decompression: A 3D Cadaveric Study.

Rigante L, Evins AI, Berra LV, Beer-Furlan A, Bernardo A.

The XV World Federation of Neurosurgical Societies' World Congress of Neurosurgery; September 2013; Seoul, Korea.

Interhemispheric Endoscopic Fenestration of the Lamina Terminalis through a Single Frontal Burr Hole. Beer-Furlan A, Gomes Pinto F, Evins AI, Rigante L, Bernardo A.

The XV World Federation of Neurosurgical Societies' World Congress of Neurosurgery; September 2013; Seoul, Korea.

Dual-Port Endoscopy: Expanding the Lateral Limits of the Endonasal Approaches.

Beer-Furlan A, Evins AI, Rigante L, Bernardo A.

The XV World Federation of Neurosurgical Societies' World Congress of Neurosurgery; September 2013; Seoul, Korea.

A Combined Conservative Retrolabyrinthine Subtemporal Transtentorial approach to the Petroclival Region: A 3D Endoscopic-Assisted Anatomical Study.

Evins AI, Boeris D, Burrell JC, Bernardo A.

The XV World Federation of Neurosurgical Societies' World Congress of Neurosurgery; September 2013; Seoul, Korea.

3D Endoscope-Assisted Microsurgical Anatomy of the Extreme Lateral Supracerebellar Infratentorial Approach

AI Evins, M Orrico, JC Burrell, Stieg, P E, A Bernardo

81st American Association of Neurological Surgeons Annual Meeting. May 2013. New Orleans, Louisiana

3D Microsurgical Anatomy of the Sellar and Parasellar Region through a Pterional Approach: A Comparative Study Using a Microscope and a 3D Endoscope

AI Evins, M Orrico, JC Burrell, AM Hablas, P E Stieg, A Bernardo

81st American Association of Neurological Surgeons Annual Meeting. May 2013. New Orleans, Louisiana.

3D Microsurgical Anatomy of the Suboccipital Triangle: A Cadaveric Study

AI Evins, M Orrico, JC Burrell, BM Hablas, P E Stieg, A Bernardo

81st American Association of Neurological Surgeons Annual Meeting. May 2013. New Orleans, Louisiana.

Comparison of the Infratentorial Supracerebellar, Posterior Interhemispheric Transcallosal, and Occipital Transtentorial Approaches

AI Evins, M Orrico, P E Stieg, A Bernardo

81st American Association of Neurological Surgeons Annual Meeting. May 2013. New Orleans, Louisiana.

Exposure of the Upper Basilar Artery in a Combined Intra-and Extradural Transcavernous Approach with Orbitozygomatic or Pterional Craniotomies

AI Evins, M Orrico, JC Burrell, Stieg, P E, A Bernardo

81st American Association of Neurological Surgeons Annual Meeting. May 2013. New Orleans, Louisiana.

A Next Generation Cadaveric Microneurosurgery Skull Base Laboratory: A New Model For Technologically Integrated Postgraduate Surgical Training

AI Evins, A Bernardo, PE Stieg

7th International Technology, Education and Development Conference. March 2013. Valencia, Spain.

3D Endoscope-Assisted Microsurgical Anatomy of a Combined Subtemporal Presigmoid Transtentorial Approach

AI Evins, PE Stieg, A Bernardo,

North American Skull Base Society meeting, February 2013, Miami, FL

A Next Generation Cadaveric Microneurosurgery Skull Base Laboratory: A New Model for Technologically Integrated Surgical Training and Innovation

AI Evins, PE Stieg, A Bernardo

North American Skull Base Society meeting, February 2013, Miami, FL

3D Microsurgical and Endoscopic Anatomy of Different Surgical Approaches to the Interpeduncular Fossa and Dorsum Sellae: A Cadaveric Study

AI Evins, A Medda, PE Stieg, A Bernardo

North American Skull Base Society meeting, February 2013, Miami, FL

3D Endoscope-Assisted Anatomy of the Foramen Magnum and Cranio-Vertebral Junction Through a Far Lateral Approach – A Technical Note

G Anichini, D Boeris, AI Evins, E Passacantilli, J Lenzi, A Santoro, GP Cantore, R Delfini, PE Stieg, A Bernardo

12th National Congress of the Italian Skull Base Society. November 2012. Novara, Italy.

A Next Generation Cadaveric Microneurosurgery Skull Base Laboratory: A New Model for Technologically Integrated Surgical Training and Innovation

AI Evins, PE Stieg, A Bernardo

The 19th Annual Meeting of the Japanese Society for Neuroendoscopy November 2012. Tokyo, Japan.

3D Endoscope-Assisted Surgical Anatomy of the Retrosigmoid and Far Lateral Approaches

A Bernardo, AI Evins, G Anichini, D Boeris, PE Stieg

The 19th Annual Meeting of the Japanese Society for Neuroendoscopy November 2012. Tokyo, Japan.

Three Dimensional Microsurgical Anatomy of the Third Ventricle through the Trans-lamina Terminalis Approach: A Cadaveric Study

M Blagia, AI Evins, PE Stieg, A Bernardo

The 61st Congress of the Italian Society of Neurosurgery (SINch) Joint Meeting with the Brazilian Society of Neurosurgery. October 2012. Rimini, Italy.

Relationship of the Transverse Sinus and Sigmoid Sinus to Surface Landmarks

Justin Burrell; Alejandro Santillan; Alexander Evins; Collin Tebo; Philip E. Stieg; Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2012, Chicago, IL

Relationship of the Middle Meningeal Artery to the Surface of the Skull

Alexander Evins; Alejandro Santillan; Justin Burrell; Collin Tebo; Philip E. Stieg; Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2012, Chicago, IL

External Landmarks for Identifying the Drainage Site of the Vein of Labbé

Alexander Evins; Alejandro Santillan; Justin Burrell; Collin Tebo; Philip E. Stieg; Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2012, Chicago, IL

3D Orbital Anatomy as Seen in a Fronto-Orbito Zygomatic Approach

Collin Tebo; Alexander Evins; Justin Burrell; Davide Boeris; Philip E. Stieg; Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2012, Chicago, IL

Safe and Effective Harvesting of the Occipital Artery: A Cadaveric Study

Hitoshi Fukuda; Alexander Evins; Philip E. Stieg; Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2012, Chicago, IL

The Meningo-Orbital Band: Microsurgical Anatomy for Anterior Clinoidectomies in Relation to Dural Layers

Hitoshi Fukuda; Alexander Evins; Philip E. Stieg; Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2012, Chicago, IL

3D Anatomy of the Cerebello-Pontine Angle Through a Retrosigmoid Approach: A Comparative Study Using a Microscope and a 3D Endoscope

Davide Boeris; Giulio Anichini; Alexander Evins; Alessandro Ducati; Francesco Zenga; Philip E. Stieg; Antonio Bernardo.
Congress of Neurological Surgeons Meeting. October 2012, Chicago, IL

3D Endoscope-Assisted Anatomy of the Foramen Magnum and Cranio-Vertebral Junction Through a Far Lateral Approach – A Technical Note

Giulio Anichini; Davide Boeris; Alexander Evins; Antonio Santoro; Philip E. Stieg; Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2012, Chicago, IL

An extended anterior transpetrosal transclival approach to expose the petroclival region for lesions extending beyond the midline

Hellwag Flores; Danilo Silva; Collin Tebo; Joss Cohen; Kamal Yakoub; Philip E. Stieg; Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2011, Denver, CO

Comparative analytical study of different surgical approaches to the interpeduncular fossa and dorsum sellae region: a cadaveric study

Mattheos Christoforidis, Idoia Valduvico, Alessandro Bertuccio, Philip E. Stieg, Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2009, New Orleans, LA

Correlation between the complex organization of the system of membranes and the surgical entry corridors to the cavernous sinus: a new anatomic-functional model

Mattheos Christoforidis, Alessandro Bertuccio, Idoia Valduvico, Philip E. Stieg, Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2009, New Orleans, LA

Surgical Approaches to the Brainstem: an Extensive 3D anatomo-surgical study

Idoia Valduvico, Alessandro Bertuccio, Mattheos Christoforidis, Anna Visca, Philip E. Stieg, Antonio Bernardo
Congress of Neurological Surgeons Meeting. October 2009, New Orleans, LA

An extended anterior transpetrosal approach to expose the lower clivus and the vertebro-basilar junction

Valerio di Norcia, Juan Solivera, Philip E. Stieg, Antonio Bernardo
American Association of Neurological Surgeons Meeting. May 2009, San Diego, CA

Comparison of Trans and Perimastoid Surgical Routes to the Petroclival Region: a cadaveric study

Carlo Alberto Benech, Philip E. Stieg, Antonio Bernardo;
Congress of Neurological Surgeons Meeting. September 2008, Orlando, FL

A Combined Pericavernous and Transcavernous Surgical Avenues to the Upper Basilar Artery Region.

Carlo Alberto Benech, Philip E. Stieg, Antonio Bernardo
Congress of Neurological Surgeons Meeting. September 2008, Orlando, FL

Comparison of the Infratentorial Supracerebellar, Interhemispheric Transcallosal and Occipital Transtentorial Approaches to Posterior Third Ventricle: a Cadaveric Study

Mariana Alamar, Roberto Faggin, Philip E. Stieg, Antonio Bernardo
Congress of Neurological Surgeons Meeting. September 2008, Orlando, FL

Analytical evaluation of transcallosal, contralateral transcallosal and transcortical access to lateral ventricles: a cadaveric study

Mariana Alamar, Roberto Faggin, Philip E. Stieg, Antonio Bernardo;
Congress of Neurological Surgeons Meeting. September 2008, Orlando, FL

Analytical Evaluation of Pericavernous and Transcavernous Surgical Avenues to the Basilar Apex Region

Carlo Alberto Benech, Philip E. Stieg, Antonio Bernardo
North American Skull Base Society Meeting. September 2008, Vancouver, Canada.

Comparison of trans and perimastoid access to brainstem targets: a cadaveric study

Carlo Alberto Benech, Philip E. Stieg, Antonio Bernardo
North American Skull Base Society Meeting. September 2008, Vancouver, Canada.

A Combined "Conservative" Perilabyrinthine-Transpetrosal Transcervical Approach to the jugular foramen, anterior brainstem and clivus

Juan Solivera, Anna Visca, Philip E. Stieg, Antonio Bernardo
Congress of Neurological Surgeons Meeting. September 2007, San Diego, CA

A Combined Far Lateral Sublabyrinthine-Transpetrosal Transcervical Approach to the Jugular foramen, Anterior Brainstem and Clivus

Antonio Bernardo, Juan Solivera, Philip E. Stieg
European Association of Neurological Surgeons Meeting Glasgow September 2007

The intracranial course of the facial nerve as seen through different skull base surgical windows: an extensive anatomo-surgical study

A. Visca, A. Bernardo, P. Stieg

National Meeting of the Italian Congress of Neurological Surgeons, June 2005, Rome, Italy

Surgical exposure of the Jugular Foramen Region through a combined Sublabirynthine transcervical approach: a cadaveric study

A. Bernardo, A. Visca, J Solivera, R. Faggin, P. Stieg

American Association of Neurological Surgeons Meeting. April 2007, Washington DC

Analytical evaluation of transpetrosal surgical avenues to the petroclival region

A. Bernardo, A. Visca, R. Faggin, H. Riina, P. Stieg

Congress of Neurological Surgeons Meeting. October 2006, Chicago, IL

Surgical exposure of the superior orbital fissure(SOF) and intraorbital contents though an orbito-zygomatic osteotomy: a cadaveric study

A. Bernardo, H Riina, P. Stieg

Congress of Neurological Surgeons Meeting. October 2005, Boston, MA

A Function-Sparing "Conservative" Perilabyrinthine-Transpetrosal Approach to the Anterior Brainstem and Clivus

A. Bernardo, H. K. Kim, ; J M. Zabramski, E. Passacantilli, P. Deshmukh, R. F. Spetzler

American Association of Neurological Surgeons Meeting. April 2003, San Diego, CA

A New Three-Dimensional Interactive Virtual Model to Simulate Transpetrosal Surgical Avenues

A. Bernardo, M. C. Preul, J. M. Zabramski, R. F. Spetzler.

American Association of Neurological Surgeons Meeting. April 2003, San Diego, CA

Analytical evaluation of transfacial approaches provides a new classification

A. Bernardo, S P. Beals, E. F. Joganic, J. M. Zabramski, M. Schornak, P. Deshmukh, R. F. Spetzler

North American Skull Base Society Meeting. February 2003, Memphis, TN

The intracranial course of the pericarotid sympathetic fibers: a microsurgical anatomical study

M. Ammirati – A. Bernardo

American Association of Neurological Surgeons Meeting. April 2000. San Francisco

Extradural exposure of the cavernous sinus: dissection technique

M. Ammirati – A. Bernardo

American Association of Neurological Surgeons Meeting. April 2000. San Francisco

Specimens preparation technique for use in neurosurgical dissection

A. Bernardo, U. F. Rocca, A. Rossell, L. Chavez, F. Palacio

Peruvian Congress of Neurological Surgeons Annual Meeting, October 1999; Lima, Peru

Advantage of the orbito-zygomatic osteotomy in dealing with large sphenoid wing meningiomas

A. Bernardo, U. F. Rocca, A. Rossell, L. Chavez, F. Palacio

Peruvian Congress of Neurological Surgeons Annual Meeting, October 1999; Lima, Peru

Early experience with fractionated stereotactic radiosurgery using a conformal intensity modulated system (Peacock system)

M. Ammirati – A. Bernardo

Congress of Neurological Surgeons Meeting. October 1998. Seattle, USA

Microsurgical anatomy of the cavernous sinus focusing on its membranes: a new anatomical model

M. Ammirati – A. Bernardo

Congress of Neurological Surgeons Meeting. October 1998. Seattle, USA

Surgical exposure and dissection of the superior orbital fissure (SOF) as seen from the pterional approach: a cadaveric prosecution

M. Ammirati – A. Bernardo

Congress of Neurological Surgeons Meeting. October 1998. Seattle, USA

A comparative study of the Spiegelberg Compliance Device with a manual volume injection method: A Clinical Evaluation

Piper IR, Spiegelberg A, Bernardo A, Mascia L, Signorini D, Whittle I, Miller JD.

Proceedings of the 10th International Symposium on Intracranial pressure and Neuromonitoring, Williamsburg Virginia, USA. 1997.

Automated measurement of craniospinal compliance

Spiegelberg A , Piper IR, , Bernardo A., Mascia L., Miller JD.

“Intracranial pressure, brain edema and blood circulation of the brain” conference, German Society for Neurosurgery, Essen, Germany 1996

Do secondary insults occur in patients with spontaneous subarachnoid haemorrhage?

A. Bernardo - P. A. Jones - P.J.D. Andrews - I.R.Piper - J.D. Miller.

Scottish Association of Neurological Sciences. November 1995. Dundee, Scotland, U.K.

Automated Compliance Measurement in Brain Injured Patients: A New Method

I. Piper - A. Spiegelberg - A. Bernardo - L. Mascia - I. Whittle - J.D. Miller.

The J Douglas Miller Memorial Meeting. October 16 - 18th, 1996. Edinburgh, Scotland, United Kingdom.

Intra and post-operative ecotomographic evaluation of posterior cranial fossa mass lesions

F. D' Andrea - F. Maiuri - A. Bernardo - B. Gallicchio - L. Serra.

XLIII National Congress 16 - 19 October 1994. Taormina, Italy.

Prognostic and clinical value of the visibility of the venous blood flow in the internal jugular vein in real time during ecotomographic examination of the supra-aortic vessels.

B.Gallicchio - A. Bernardo - G. Iaconetta - F. Maiuri - F. D' Andrea

XLIII National Congress. Società Italiana di Neurochirurgia. 16 -19 October 1994 Taormina, Italy

Changes in Cerebral Blood Flow during PIC Monitoring, TCD Measurement

B.Gallicchio - T.Cafiero - A.Bernardo - G.Gargiulo - G. Iaconetta - F,Maiuri

VIII International Symposium on Intracranial Pressure, June 16-20, 1991, Rotterdam, The Netherlands

Altered expression of endothelial and muscle cells antigen in Atherosclerotic Plaque

G.Giordano Lanza - S.Montagnani - A.Bernardo - B. Gallicchio - F.Maiuri - R.Vitelli - R.Spera

9th International Congress of Histochemistry and Citochemistry. Maastricht, The Netherlands, August 30 - September 5, 1992

Post-operative ecodoppler findings in Carotid-Surgery and their predictive value about restenosis

F.Maiuri - A.Bernardo - B.Gallicchio - L.Serra

XLII National Congress - Societa Italiana di Neurochirurgia, September 22-25, 1993

Local immunity reactions in the atheromathous carotid-plaque. Preliminary Study

B.Gallicchio - F.Maiuri - S.Montagnani - A Bernardo - P.A.Donati - G.Catapano
XL National Congress - Societa Italiana di Neurochirurgia - Perugia, Italy, 1991

Correlation between perilesional edema and hormone receptors in cranial meningioma

F.Maiuri - S.Montagnani - A Bernardo - B.Gallicchio - M.Gangemi.
IXL National Congress - Societa Italiana di Neurochirurgia. Lecce, Italy, 1990

Immunoistochemical Characteristics of Human Atherosclerotic Carotid-Plaques

G.Gallicchio - F.Maiuri - S.Montagnani - A.Bernardo - E.Di Vaia - L.Serra
Second World Congress of Stroke of the Stroke International Society, Washington D.C. USA, September 8-12, 1992

Carotid Endoarterectomy, The Role of Real Time B-Mode Ultrasonography in the follow-up

B.Gallicchio - F.Maiuri - A.Bernardo - P.A Donati - S.Montagnani - E.Di Vaia
Second World Congress of Stroke of the International Stroke Society, Washington DC, USA September 8-12, 1992

Biopolymers Use for the Insertion of Extrinsic Muscles of the Rabbit Eye

De Rosa P. - G.Giordano Lanza - A.Bernardo - E.Di Vaia - S.Montagnani - M.Cinquegrani
XLIV National Congress - Societa Italiana di Anatomia, Bologna, 1990

Prevention of Ischemic and Riperfusion Damage after using Neoton PG12 and RSV4

F.Nappi - G.Jannelli - A.Bernardo - G.F.Pelluso - S.Metafora - Ravagnan - N.Spampinato
The Third World Congress on Open Heart Technology - Fourth National Congress A.N.P. e C., Florence, Italy, 1988

Immunoistochemical Study of Human Atherosclerotic Plaque

G.Giordano Lanza - E.Di Vaia - S.Sciorio - B.Gallicchio - A.Bernardo - S.Montagnani
Reports of XXIV National Congress - Societa Italiana di Istochimica. Basic and Applied Histochemistry. 1991

Morphological and Immunochemical Observation in Vitro Cultured in Rabbit Pigmented Epithelial Cells

G.Giordano Lanza - E.Di Vaia - A.Bernardo - S.Montagnani - P.De Rosa
IX International Symposium on Morphological Sciences, Nancy, France, 1990

Experimental model of acute liver damage in rat injected with Dymetilnitrosamine

G.Giordano Lanza - S.Montagnani - G.Tarantino - A Bernardo - M.Marzano - M.Rubino - E.Di Vaia
Federative International Congress of Anatomy, Rio de Janeiro, 1989

Immunoistochemical features of rat cirrhotic liver after administration of Dymetilnitrosoamine

G.Giordano Lanza - M.Rubino - A.Bernardo - G.Tarantino - M.Marzano - S.Montagnani
XXIII National Congress - Societa Italiana di istochimica, Pavia, 1988

Invited Speaker Presentations

Surgical Management of giant aneurysm of the vertebra-basilar junction

International Symposium on Vascular neurosurgery, December 2013, Milan, Italy

Anterior Skull Base surgical approaches for intracranial lesions

American Austrian Foundation annual meeting for Neurosurgery, September 2013, Salzburg, Austria

Lateral Skull Base surgical approaches for intracranial lesions

American Austrian Foundation annual meeting for Neurosurgery, September 2013, Salzburg, Austria

Posterior Skull Base surgical approaches for intracranial lesions

American Austrian Foundation annual meeting for Neurosurgery, September 2013, Salzburg, Austria

Antero-lateral approaches to the skull base

XVI Advanced course on Applied Microneurosurgery. Surgical Approaches to the Base of the Skull, July 2013, L'Aquila, Italy

Postero-lateral approaches to the skull base

XVI Advanced course on Applied Microneurosurgery. Surgical Approaches to the Base of the Skull, July 2013, L'Aquila, Italy

Surgical approaches to the cavernous sinus

X International Meeting of Neurosciences organized by the University of West Indies at Montego Bay, Jamaica, January 2013

Surgical approaches for lesion localized at the foramen magnum

X International Meeting of Neurosciences organized by the University of West Indies at Montego Bay, Jamaica, January 2013

Novel Technology in surgical education and clinical applications

Visiting Professor, Istituto Clinico Humanitas, November 2012, Milan, Italy

Lateral and posterior surgical approaches to basilar artery aneurysms

Live Surgery course on Cerebral Aneurysms, November 2012, Torino, Italy

3D Anatomy of trans and pericavernous approach to basilar tip

Live Surgery course on Cerebral Aneurysms, November 2012, Torino, Italy

A next generation cadaveric microneurosurgery skull base laboratory: a new model for technologically integrated surgical training and innovation

19th Annual Meeting of the Japanese Society for Neuroendoscopy, November 2012, Tokyo, Japan

3D endoscope-assisted surgical anatomy of the retrosigmoid and far lateral approaches

19th Annual Meeting of the Japanese Society for Neuroendoscopy, November 2012, Tokyo, Japan

Skull Base surgical approaches for intracranial lesions

American Austrian Foundation annual meeting for Neurosurgery, October 2012, Salzburg, Austria

Transtemporal surgical approaches

3rd Annual Conference of Neuro-otology, September 2012, Alexandria, Egypt

Surgical Approaches to Cranial base

Depuy-Synthes Symposium on Skull base Surgery, September 2012, Palm Beach, Florida.

3D Anatomy of the brain and surgical approaches to intracranial pathologies

5 days lectures as visiting professor at University of Sassari, July 2012, Sassari, Italy

3D anatomy of the cerebello-pontine angle

Symposium on Lesions of the Posterior Cranial Fossa, June 2012, Benevento, Italy

Surgical anatomy of the cranio-vertebral junction and brain stem

Symposium on Lesions of the Posterior Cranial Fossa, June 2012, Benevento, Italy

Surgical Approaches to Cranial base

Synthes Symposium on Skull base Surgery and Neurotrauma, May 2012, Bogota, Colombia

Surgical Approaches to Cranial base

Synthes Symposium on Skull base Surgery, April 2012, Lima, Peru

Posterior fossa approaches

Hands-on skull base 3D course and workshop: transnasal and beyond, April 2012, Torino, Italy

Surgical Approaches to Cranial base

Synthes Symposium on Skull base Surgery and Neurotrauma, September 2011, Bogota, Colombia

3D Keynote Lecture: How simplified drilling techniques could enhance exposure in vascular surgery

4th International Cerebrovascular and Skull Base Workshop, September 2011, Ghent, Belgium

3D Anatomy of the brain and surgical approaches to intracranial pathologies

3 days lectures as visiting professor at University of Sassari, July 2011, Sassari, Italy

Surgical Approaches to the posterior cranial fossa and foramen magnum

1st Symposium of Neuro-Oncology and Skull Base Surgery, July 2011, Cartagena, Colombia

Surgical Approaches to the middle cranial fossa and lateral brainstem

1st Symposium of Neuro-Oncology and Skull Base Surgery, July 2011, Cartagena, Colombia

Surgical Approaches to the anterior cranial base

1st Symposium of Neuro-Oncology and Skull Base Surgery, July 2011, Cartagena, Colombia

3D anatomy of the surgical approaches to the cranial base

XXI Congress of the Mexican Association of Neurological Surgeons, Acapulco, Mexico, July 2011

3D Surgical anatomy of the cranial base

1st Skull base Surgery Joint Meeting (Italia-USA), June 2011, Naples, Italy

Neurosurgical approaches to intracranial lesions

Visiting Professor lecture at University Campus Biomedico, April 2011, Rome, Italy

Stereo 3D techniques for surgical simulation

Breakfast seminar, American Association of Neurological Surgeons, April 2011, Denver

Far lateral transcondylar approach for lesions at the foramen magnum

VIII International Meeting of Neurosciences organized by the University of West Indies at Montego Bay, Jamaica, January 2011

Skull Base Surgery techniques for intracranial vascular lesions

International Vascular Symposium, June 2010, Cartagena, Colombia

Using stereoscopic 3D video recording in neurosurgery practice and education

Breakfast seminar, American Association of Neurological Surgeons, May 2010, Philadelphia

Surgical anatomy of the sellar and parasellar region

New Concepts in Neurosurgical Training: Tips and Tricks, April 2010, Taormina, Italy

Skull Base surgical approaches for intracranial lesions

American Austrian Foundation annual meeting for Neurosurgery, February 2010, Salzburg, Austria

Surgical approaches lesion at the foramen magnum

VII International Meeting of Neurosciences organized by the University of West Indies at Montego Bay, Jamaica, January 2010

Combined transcervical approaches to Jugular Foramen lesions

Invited faculty at 2nd interdisciplinary AO course on Skull Base Surgery / Approaches to the Lateral Skull Base, September 2009, Vienna, Austria

Lateral transpetrosal approaches to the skull base

Invited faculty at 2nd interdisciplinary AO course on Skull Base Surgery / Approaches to the Lateral Skull Base, September 2009, Vienna, Austria

Lateral transpetrosal approaches to the skull base

Invited faculty at 2nd interdisciplinary AO course on Skull Base Surgery / Approaches to the Lateral Skull Base, September 2009, Vienna, Austria

Surgical Approaches for intracranial giant aneurysms

Invited faculty at the course on "Cerebral aneurysms", August 2009, Lima, Peru

Surgical Approaches to the parasellar region, cavernous sinus and interpeduncular fossa

Invited faculty at the course on "Surgical Approaches for Cerebral aneurysms", July 2009, Sao Paulo, Brazil

Transpetrosal Approaches to the Skull Base

Society of University Neurosurgeons annual meeting, June 2009, Naples Italy

Updates in surgery of complex intracranial aneurysms

National Meeting of the Spanish Association of Neurological Surgeons, May 2009, Seville, Spain

Virtual reality in Neurosurgery

National Meeting of the Spanish Association of Neurological Surgeons, May 2009, Seville, Spain

Craniocervical Surgical Anatomy

American Austrian Foundation annual meeting for Neurosurgery, May 2009, Salzburg, Austria

Update: what's new in brain tumors and vascular surgery

American Austrian Foundation annual meeting for Neurosurgery, May 2009, Salzburg, Austria

New technologies in Skull Base Surgery

Covidien Satellite Symposium at European Skull Base Society Congress in Rotterdam, Netherlands, April 2009

Surgical approaches to the Skull Base

Visiting Professor at the University of Verona, Italy, November 2008.

Lateral approaches to the Skull Base

XX III Congress of Latin American Neurosurgical Federation, October 2008, Bogota Colombia

Skull Base surgical approaches for intracranial lesions

American Austrian Foundation annual meeting for Neurosurgery, September 2008, Salzburg, Austria

Skull Base Surgical Techniques for Giant Intracranial Aneurysms

Roma International Skull Base and Cerebrovascular Workshop, June 2008, Rome, Italy

Surgical Approaches for Skull Base Lesions

VIII National Congress of The Spanish Society of Skull Base, June 2008, Santander, Spain

Extended Subtemporal Approaches

New Concepts in Neurosurgical Training: Tips and Tricks, May 2008, Taormina, Italy

Transpetrosal Approaches

New Concepts in Neurosurgical Training: Tips and Tricks, May 2008, Taormina, Italy

Surgical Approaches for Complex Giant Aneurysms

XXI International meeting of The Colombian Association of Neurological Surgeons, November 2007, Santa Marta

Modified Combined Surgical Approaches for Lesions of the Jugular Foramen

XXI International meeting of The Colombian Association of Neurological Surgeons, November 2007, Santa Marta

Skull base Surgical Approaches for Lesions at the Foramen Magnum

XXI International meeting of The Colombian Association of Neurological Surgeons, November 2007, Santa Marta

Management of Primary Brain Tumors, Meningiomas, and Skull Base lesions

Neurosurgery Masters' Update, November 2007, Dubai, UAE

Surgical Approaches for Complex Lesions at the Base of the Skull.

National Congress Of The Peruvian Association of Neurological Surgeons, Novemebr 2007, Lima, Peru

Surgical Anatomy of the posterior fossa

VIII National Congress of The Spanish Society of Skull Base, June 2008, Santander, Spain

Chairman of Surgical Video Session

National Meeting of the Italian Congress of Neurological Surgeons, June 2007, Rome, Italy

Skull Base surgical approaches for intracranial lesions

American Austrian Foundation annual meeting for Neurosurgery, March 2007, Salzburg, Austria

Surgical anatomy of the base of the skull

American Austrian Foundation annual meeting for Neurosurgery, March 2007, Salzburg, Austria

Surgical approaches for cranio-cervical lesions

IV International Meeting of Neurosciences organized by the University of West Indies at Montego Bay, Jamaica, January 2007

Indications and surgical techniques for revascularizations in cerebro-vascular surgery

International meeting in Neurosurgery "30° Aniversario Hospital Jesús Yenera "Lidice", Caracas, Venezuela, January 2007.

Surgical Approaches for Foramen Magnum Lesions

International meeting in Neurosurgery "30° Aniversario Hospital Jesús Yenera "Lidice", Caracas, Venezuela, January 2007.

Skull Base Surgical approaches for intracranial giant aneurysms

International meeting in Neurosurgery "30° Aniversario Hospital Jesús Yenera "Lidice", Caracas, Venezuela, January 2007.

Indications for revascularization in aneurysms surgery

International meeting in neurosurgical advances and cerebral revascularization, Leon, Spain, November 2006

Virtual reality and surgical planning in Neurosurgery

International meeting in neurosurgical advances and cerebral revascularization, Leon, Spain, November 2006

Microsurgical anatomy of skull base surgical approaches

Inaugural session of the Catalan Neurosurgical Society, Barcelona, September, 2006

Skull base surgical approaches for intracranial aneurysms

Visiting Professor at "La Sapienza University ", Rome, Italy, September 16, 2006

Skull base surgical approaches for intracranial aneurysms

Visiting Professor at the University of Naples, Italy, September 13, 2006

Skull base surgical approaches for intracranial aneurysms

Visiting Professor at the University of Padua, Italy, September 11, 2006

Microneurosurgical approaches to the sellar region

XIV Congress of the Western Mexican Neurosurgical Society, July 2006, Isla Navidad, Manzanillo, Mexico

Skull Base Microsurgical approaches to intracranial tumors

XIV Congress of the Western Mexican Neurosurgical Society, July 2006, Isla Navidad, Manzanillo, Mexico

Anterior transfacial surgical approaches.

National Meeting of the Venezuela Association of Neurological Surgeons, May 2006, Merida, Venezuela

Combined surgical approaches for skull base lesions.

National Meeting of the Venezuela Association of Neurological Surgeons, May 2006, Merida, Venezuela

Skull Base Surgical Approaches for vascular lesions.

National Meeting of the Venezuela Association of Neurological Surgeons, May 2006, Merida, Venezuela

How to approach tumors at the base of the skull

National Meeting of the Spanish Association of Neurological Surgeons, May 2006, Vigo, Spain

Surgical Approaches for vascular lesions of the skull base

National Meeting of the Spanish Association of Neurological Surgeons, May 2006, Vigo, Spain

Surgical Approaches for skull base tumors

VI international meeting of the Spanish Spine Society "NeuroRaquis", April 2006, Jerez de la Frontera, Spain

Skull Base Surgical Approaches for intracranial aneurysms

VI international meeting of the Spanish Spine Society "NeuroRaquis", April 2006, Jerez de la Frontera, Spain

Surgical anatomy of the base of the skull

American Austrian Foundation annual meeting for Neurosurgery, November 2005, Salzburg, Austria

Skull Base Surgical Approaches for intracranial aneurysms

National Meeting of the Peruvian Association of Neurological Surgeons, November 2005, Lima, Peru

Surgical approaches to the base of the skull

Annual Meeting of the Colombian Association of Neurological Surgeons, November 2004, Armenia, Colombia.

Anterior transfacial approaches to the clivus

Annual Meeting of the Colombian Association of Neurological Surgeons, November 2004, Armenia, Colombia.

Advances in Skull Base Surgery (3D presentation)

XXI Congress of Latin American Neurosurgical Federation, October 2004, Panama City, Panama

Variations of the orbito-zygomatic approach to access basilar tip aneurysms (3D presentation)

II International Meeting of Neurosurgery, September 2004, Guayaquil, Ecuador

Skull Base Surgery: lateral transcranial approaches to clivus lesions. (3D presentation)

II International Meeting of Neurosurgery, September 2004, Guayaquil, Ecuador

Advances in neurosurgery: virtual reality and surgical planning (3D presentation)

International Meeting organized by the Western Society of Neurosurgery of Mexico, July 2004, Puerto Vallarta, Mexico

Virtual reality in neurosurgery: present and future applications (3D presentation)

Meeting of Neurology and Neurosurgery at the National School of Medicine, National Hospital " Siglo XXI", June 2004, Mexico City, Mexico

Technological advances in the neurosurgical training: skull base surgical approaches in 3D. (3D presentation)

Meeting for minimally invasive surgery in skull base surgery, Hospital Civil Nuevo, June 2004, Guadalajara, Mexico

A new classification of transfacial surgical approaches to access the clivus

XII Annual meeting of the Association of Neurosurgeons of Venezuela, May 2004, Puerto La Cruz, Venezuela

Comparison of transpetrosal surgical approaches to access the upper-middle clivus

XII Annual meeting of the Association of Neurosurgeons of Venezuela, May 2004, Puerto La Cruz, Venezuela

Modified orbito-zygomatic approach to access the upper clivus

XII Annual meeting of the Association of Neurosurgeons of Venezuela, May 2004, Puerto La Cruz, Venezuela.

Virtual Reality in Neurosurgery: will it be part of the neurosurgical planning in the future? (3D presentation)

University La sapienza, April 2004, Rome, Italy

Use of surgical power instruments in skull base surgery

Training and presentation to National Social Security, March 2004, Guadalajara, Mexico

Lateral transcranial approaches to the petroclival region (3D presentation)

XVI International Meeting of Neurosurgery, August 2003, Cartagena, Colombia

Modifications of orbito-zygomatic craniotomy to access the upper/ middle clivus (3D presentation)

XVI International Meeting of Neurosurgery, August 2003, Cartagena, Colombia

Transpetrosal approaches to the petroclival region

International meeting on minimally invasive skull base surgery, May 2003, Turin, Italy.

Anterior and posterior petrosectomy: indications and 3D surgical anatomy (3D presentation)

Annual meeting of the Colombian Association of Otolaryngology, Head and Neck Surgery and Maxillo-facial Surgery, May 2003, Bogota, Colombia

Transfacial approaches to the base of skull

Annual meeting of the Colombian Association of Otolaryngology, Head and Neck Surgery and Maxillo-facial

Surgery, May 2003, Bogota, Colombia

Modified orbito-zygomatic approach to treat mid- and upper basilar artery aneurysms (3D presentation)

X Annual Conference of the Caribbean Association of Otolaryngology, March 2003, Bermuda

Transpetrosal surgical avenues to approach basilar artery aneurysms: surgical applications and 3D surgical anatomy (3D presentation)

X Annual Conference of the Caribbean Association of Otolaryngology, March 2003, Bermuda

Analytical evaluation of transfacial approaches provides a new classification

Visiting Professor at the University of Illinois, February 2003, Peoria, Illinois

Modifications of the orbito-zygomatic approach to access the middle and upper basilar artery (3D presentation)

Visiting Professor at the University of Illinois, February 2003, Peoria, Illinois

Transpetrosal approaches to the clivus: 3D surgical anatomy (3D presentation)

Visiting Professor at the University of Illinois, Peoria, February 2003

Transpetrosal surgical avenues to the basilar artery (3D presentation)

Caribbean Association of Neurological Surgeons, November 2003, Panama City, Panama

Skull base surgical approaches (3D presentation)

Luncheon Seminar at the XX Congress of Latin American Neurosurgical Federation, October 2002, Lima, Peru'.

Anterior transfacial approaches to the base of the skull

Annual Meeting of the Colombian Association of Otolaryngology. May 2002, Santa Marta, Colombia

Transpetrosal surgical approaches to the base of the skull: 3D applications

Annual Meeting of the Colombian Association of Otolaryngology. May 2002, Santa Marta, Colombia

Combined approaches in skull base surgery

XVIII international Symposium in Neurosurgery, November 2001, Bogota, Colombia.

Trans and peri – cavernous approaches to basilar aneurisms (3D presentation)

Caribbean Association of Neurological Surgeons, November 2001, San Juan, Puerto Rico

Petrous bone surgery

Caribbean Association of Neurological Surgeons, November 2001, San Juan, Puerto Rico

Extradural exposure of the cavernous sinus

XVIII international Symposium in Neurosurgery, November 2001, Bogota, Colombia

Combined transfacial transcranial approaches to the clivus

XVIII international Symposium in Neurosurgery, November 2001, Bogota, Colombia

Peri and trans- cavernous routes to the upper clivus

Millennium Meeting of the Caribbean Association of Neurological Surgeons, November 2000, Puerto Plata, Dominican Republic

One year experience as volunteer neurosurgeon in Peru

International committee of Congress of Neurological Surgeons Meeting, October 2000; San Antonio, Texas, USA

Lateral trancranial approaches to the petrous apex and clival region

Colombian Congress of Neurological Surgeons Annual Meeting, August 2000; Medellin, Colombia

Anterior transfacial approaches to cranial base lesions

Colombian Congress of Neurological Surgeons Annual Meeting, August 2000; Medellin, Colombia

Cranial Base Surgical approaches to the basilar artery region

X International Congress of Neurosurgery, April 2000; Arequipa, Peru'

Transpetrous surgical routes in "Skull Base Surgery"

XXXII Peruvian and International Congress of Surgery, March 2000; Lima, Peru'

Far lateral trans-condylar approach to the anterior brain stem

XXXII Peruvian and International Congress of Surgery, March 2000; Lima, Peru'

Advances in Neurosurgery

University "Federico Villareal" of Lima, December 1999; Lima, Peru'

Cranial base surgical approaches to the clivus

Peruvian Congress of Neurological Surgeons Annual Meeting, October 1999; Lima, Peru

International editor and ad-hoc reviewer

Neurociencias en Columbia,

Neurosurgery

Journal of Trauma

Neurosurgical Review

Published Papers

Comparison of the 3D Endoscopic Transnasal Transclival and Presigmoid Retrolabyrinthine Approaches to Anterior Pontine Cavernomas Using a Synthetic Tumor Model.

Shoakazemi A, Evins AI, Roseto R, Stieg PE, Bernardo A.

Forthcoming

Quantitative Comparison of 3D-Endoscopic Transtubular Transcortical and Transcallosal Approaches for Excision of Hypothalamic Hamartomas Using a Synthetic Tumor Model.

Shoakazemi A, Evins AI, Burrell JC, Stieg PE, Bernardo A.

Forthcoming

Safe Surgical Rerouting of the Facial Nerve During Posterior Petrosectomies.

Bernardo A, Bodhinayake I, Stieg PE, Evins AI

Forthcoming.

A Next Generation Cadaveric Microneurosurgery Skull Base Laboratory: A Model for Technologically Integrated Surgical Training and Innovation.

Evins AI, Stieg PE, Bernardo A.

Forthcoming

Quantitative Analysis of Conservative Hearing Sparing Perilabyrinthine Transpetrosal Surgical Corridors to the Petroclival Area and Cerebellopontine Angle.

Rigante L, Evins AI, Beer-Furlan A, Anichini G, Stieg PE, Bernardo A.

Forthcoming.

Anatomy of the extra-cranial portion of the facial nerve – How to preserve it during traditional neurosurgical and trans-facial approaches.

Anichini G, Evins AI, Rigante L, Beer-Furlan A, Lapadula G, Stieg PE, Bernardo A.

Forthcoming.

The Supraorbital Approach for Optic Nerve Decompression: An Extensive 3D Anatomosurgical Study

Rigante L, Evins AI, Berra LV, Beer-Furlan A, Stieg PE, Bernardo A..

Forthcoming

The Pterional Port in Dual-Port Endoscopy: A 2D and 3D cadaveric study.

Beer-Furlan A, Evins AI, Rigante L, Anichini G, Stieg PE, Bernardo A.

World Neurosurg. Forthcoming

Partial Anterior Petrosectomies for Upper Basilar Artery Trunk Aneurysms:

Fukuda H, Evins AI, Burrell JC, Medda A, Iwasaki K, Stieg PE, Bernardo A.

A Cadavaric and Clinical Study. *World Neurosurg.* In press.

3D Endoscope-Assisted Surgical Approach to the Foramen Magnum and Cranio-Vertebral Junction: Minimizing Bone Resection with the Aid of the Endoscope.

Anichini G, Evins AI, Boeris D, Stieg PE, Bernardo A.

World Neurosurg. In press

Interhemispheric Endoscopic Fenestration of the Lamina Terminalis through a Single Frontal Burr Hole.

Beer-Furlan A, Pinto FG, Evins AI, Rigante L, Anichini G, Stieg PE, Bernardo A.

J Neurol Surg B Skull Base. Accepted, in press.

Endoscopic Fenestration of the Lamina Terminalis: Alternatives to the Classic Third Ventriculostomy.

Beer-Furlan A, Pinto FG, Teixeira M, Rigante L, Evins AI, Bernardo A.

J Neurol Surg A Cent Eur Neurosurg. Accepted, in press

A Combined Dual-Port Endoscope-Assisted Pre- and Retrosigmoid Approach to the Cerebellopontine Angle: An Extensive Anatomic-Surgical Study.

Bernardo A, Boeris D, Evins AI, Anichini G, Stieg PE.

Neurosurg Rev. Accepted, in press.

Dual-Port 2D and 3D Endoscopy: Expanding the Limits of the Endonasal Approaches to Midline Skull Base Lesions with Lateral Extension.

Beer-Furlan A, Evins AI, Rigante L, Anichini G, Stieg PE, Bernardo A.

J Neurol Surg B Skull Base. Accepted, in press.

The Meningo-Orbital Band: Microsurgical Anatomy and Surgical Detachment of the Membranous Structures through a Fronto-Temporal Craniotomy with Removal of the Anterior Clinoid Process.

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Fellows Trained

Anna Visca, M.D., Italy

Roberto Faggin, M.D., Italy

Ehab Mohammed Eissa, M.D., Egypt

Juan Solivera, M.D., Spain

Carlo Alberto Benech, M.D., Italy

Michael Lerner, M.D., Austria

Mariana Alamar, M.D., Spain

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Danilo Silva, M.D., Brazil,

Georgios Matis, M.D., PhD, Greece

Kamal Yakoub, M.D., Egypt

Hellwag Flores, M.D., Dominican Republic

Rolando Lovaton, M.D., Peru

Giulio Anichini, M.D., Italy

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Luigi Rigante, M.D., Italy

Awards Received

2010: Award from the Neurosurgical Peruvian American Foundation for Commitment and Dedication to the progress of neurosurgery in Peru

2008: Award from the Latin American Federation of Neurological Surgeons for his contribution to the development of Neurosurgery in Latin America

2006: Award from the Venezuelan Congress of Neurological Surgeons for contribution to the development of Neurosurgery in Venezuela

2004: Award for clinical and teaching excellence from the University of Guadalajara, Mexico

2004: Honored guest at the Annual Meeting of the Colombian Association of Neurological Surgeons, Armenia, Colombia, November 2004

2003: Honored guest at the Annual Meeting of the Colombian Association of Otolaryngology, Head and Neck Surgery and Maxillo-Facial Surgery, Bogota, Colombia, May 2003

2002: Annual clinical excellence award from Medtronic/Midas Rex

2002: Award for most interesting scientific paper at the annual meeting of the Caribbean Association of Neurological Surgeons

2001: Lou Grubb fellowship in Skull Base Anatomy, Barrow Neurological Institute

2000: Clinical and teaching excellence award from the Hospital Rebagliati, Lima, Peru

1999: Clinical and teaching excellence award from the Hospital G. Almenara, Lima, Peru

1997: Scholar at the University of California, Irvine

1996: Magna Cum Laude. Neurosurgical Training Diploma, University of Naples.

1994: Bruel & Kijel travelling fellowship award at the department of Neurosurgery at the Righospitalet in Copenhagen, Denmark

1991: Resident award - 5/years European Community grant in Neurosurgery training program, University of Naples, Italy

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