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Antonio Bernardo, M.D.

Personal data and Qualifications

QUALIFICATION	M.D., 1990
NATIONALITY	Italian
MARITAL STATUS	Single
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Professional Memberships

- Diplomate, Italian Board of Neurological Surgery, 1996
- General Medical Council (United Kingdom) full registration
- 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

Present Appointments

August 2004-

Assistant Professor of Neurological Surgery
Director, Microneurosurgery Skull Base Laboratory
Department of Neurosurgery,
Weill Medical College of Cornell University
New York, NY

May 2008 - present

Clinical Consultant
The Anspach Companies
Palm Beach, FL

Previous appointments

September 2001 – October 2003

“Robert F. Spetzler” Skull Base Surgery Fellow
Barrow Neurological Institute
Phoenix, Arizona

April 2002- 2006

Clinical Consultant
Medtronic / Midas Rex
Forth Worth, Texas

June 2000 – July 2001

Director

Microneurosurgery Skull Base Laboratory

Division Of Neurosurgery

University of Medicine and Dentistry of New Jersey

June 1999 – May 2000

Participating in Peru at the international volunteer program of the Foundation for International Education of Neurological Surgery (F.I.E.N.S.). The program involved developing skull-base dissection laboratories with hand-on courses and performing surgery at the neurosurgical departments of several medical centers throughout Peru

Postdoctoral Training

February 1996 – June 1999

Scholar and Clinical instructor

Co-director, Skull Base Laboratory at the Department of Neurosurgery, University of California, Irvine.

1994 – 1996

Clinical Fellow and chief resident at the Department of Neurosurgery, Western General Hospital, Edinburgh, Scotland (UK)

1991 – 1994

Resident in Neurological Surgery at the Department of Neurosurgery, University of Naples, Naples, Italy

1990 – 1991

Internship rotation in General Surgery at the Department of Emergency Surgery, University of Naples, Naples, Italy

Education

1991 – 1996 Faculty of Medicine and Surgery, University of Naples Federico II, Naples, Italy
Diploma of Italian Board of Neurological Surgery
Summa cum laude

June 1991 Faculty of Medicine and Surgery, University of Naples Federico II, Naples, Italy
Diploma of Professional Qualification

1983 – 1990 Faculty of Medicine and Surgery, University of Naples Federico II, Naples, Italy
*Degree of Doctor of Medicine and Surgery**

1978 – 1983 “Giordano Bruno” Institute, Maddaloni, Caserta, Italy
*Diploma di Maturita’ Classica (Classical Humanistic Lycee)**

* Graduated with Top Honors

Awards received

- 2010: Award from the Neurosurgical Peruvian American Foundation for his commitment and Dedication to the progress of neurosurgery in Peru, Los Angeles March 2010
- 2008: Award from the Latin American Federation of Neurological Surgeons for his contribution to the development of Neurosurgery in Latin America, Bogota', Colombia, October 2008
- 2006: Award from the Venezuelan Congress of Neurological Surgeons for his contribution to the development of Neurosurgery in Venezuela, Merida, Venezuela, 2006
- 2004: Award for clinical and teaching excellence from the University of Guadalajara, Mexico, 2004
- 2004: Honor guest at the Annual Meeting of the Colombian Association of Neurological Surgeons, Armenia, Colombia, November 2004
- 2003 Honor guest at the Annual Meeting of the Colombian Association of Otolaryngology, Head and Neck Surgery and Maxillo-Facial Surgery, Bogota', Colombia, May 2003
- 2002: Clinical excellence award for the year 2002 from Medtronic/Midas Rex,
- 2002: Award for the 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

Research experience

POSTGRADUATE

2004-present

**Director
Microneurosurgery Skull Base Laboratory**

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 surgical routes to access intracranial targets

2001 – 2003

**Department of Neurosurgery
Barrow Neurological Institute
Supervisor: Dr Robert F. Spetzler**

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.

2000 – 2001

**Department of Neurosurgery
University of Medicine and Dentistry of New Jersey
Robert Wood Johnson Medical School at Camden
Supervisor: Dr. Mario Ammirati**

Study of intracranial microsurgical anatomy with computerized 3D reconstruction

1997 – 1999

**Department of Neurosurgery,
University of California, Irvine
Supervisor: Dr. Mario Ammirati**

1994 – 1996

**Department of Clinical Neurosciences (Surgical Neurology)
Western General Hospital, Edinburgh, UK
Supervisor: Professor J. Douglas Miller**

Studies included:

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

June 1990 – December 1994

**Department of Neurosurgery
University of Naples**

Research included:

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

UNDERGRADUATE

1986 – 1990

**Laboratory of Neuro-immuno-histochemistry and
Neuropathology, Institute of Anatomy and Histology,
University of Naples Federico II**

Field of interest:

- In vitro cell culture of brain tumors;
- Expression of hormone receptors in intracranial meningiomas;

Teaching experience

trained over 3,000 neurosurgeons in skull base surgery courses around the world

- December, 2010 Faculty at the course on “Surgical Approaches to the 3rd ventricle”, Naples, Italy.
- November 15-16 2010 Faculty at The “ Anspach Skull Base Surgery course” for senior ENT residents, Palm Beach, Florida
- November 12-13 2010 Faculty at The “ Anspach Skull Base Surgery course” for senior neurosurgical residents, Palm Beach, Florida
- September 2010 Course director: “Surgical Approaches to the Skull Base” in Santo Domingo, Dominican Republic
- July 16-17, 2010 Faculty at The “ Anspach Skull Base Surgery course” for senior ENT residents, Palm Beach, Florida
- July 19-20, 2010 Faculty at The “ Anspach Skull Base Surgery course” for senior neurosurgical residents, Palm Beach, Florida
- February 2010 Course director: 4th Cornell Surgical Approaches to the Skull Base 3 days hands-on course with 3D technology at the Anspach Laboratories, Palm Beach, Florida
- November 15-16 2009 Faculty at The “ Anspach Skull Base Surgery course” for senior ENT residents, Palm Beach, Florida
- November 6-7 2009 Faculty at The “ Anspach Skull Base Surgery course” for senior neurosurgical residents, Palm Beach, Florida
- November 2009 Course director: “Surgical Approaches to the Skull Base” in Cali, Colombia
- September 23-25 2009 International invited faculty at 2nd interdisciplinary AO course on Skull Base Surgery / Approaches to the Lateral Skull Base
- August 7-9, 2009 International invited faculty at the course on “Cerebral aneurysms” in Lima, Peru
- July 28-31, 2009 International invited faculty at the course on “Surgical Approaches for Cerebral aneurysms” in Sao Paulo, Brazil
- July 27-28,2009 Faculty at The “ Anspach Skull Base Surgery course” for senior ENT residents, Palm Beach, Florida
- July 24-25,2009 Faculty at The “ Anspach Skull Base Surgery course” for senior neurosurgical residents, Palm Beach, Florida
- 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” in Cartagena, Colombia.
- March 2009 Course director: “Surgical Approaches to the Skull Base” in Barranquilla, Colombia.
- February 2009 Course director: 3rd Cornell Surgical Approaches to the Skull Base 3 days hands-on course with 3D technology at the Anspach Laboratories, Palm Beach, Florida
- November 10-11 2008 Faculty at The “ Anspach Skull Base Surgery course” for senior ENT residents, Palm Beach, Florida
- November 7-8 Faculty at The “ Anspach Skull Base Surgery course”

2008 for senior neurosurgical residents, Palm Beach, Florida

October 2008 Course director: pre-congress course on “Skull Base Surgery” at the Congress of Latin American Neurosurgical Federation in Bogota”, Colombia.

October 2008 International Invited Faculty at the “Surgery of the Skull Base and Cisterns” course at Menaggio, Como, Italy.

July 2008 International Invited Faculty at the “Advanced Skull Base Course” at University “La Sapienza”, Rome, Italy.

July 28-29,2008 Faculty at The “ Anspach Skull Base Surgery course” for senior ENT residents, Palm Beach, Florida

July 25-26,2008 Faculty at The “ Anspach Skull Base Surgery course” for senior neurosurgical residents, Palm Beach, Florida

July 27-28,2008 Faculty at The “ Anspach Skull Base Surgery course” for senior neurosurgical residents, Palm Beach, Florida

March 2008 International 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. 3 days hands-on course with 3D technology at Cornell University, New York

July 27-28,2007 Faculty at The “ Anspach Skull Base Surgery course” for senior neurosurgical residents, Palm Beach, Florida

July 30-31,2007 Faculty at The “ Anspach Skull Base Surgery course” for senior ENT residents, Palm Beach, Florida

December 2006 Course director: Surgical Approaches to the Skull Base. 3 days hands-on course with 3D technology at Cornell University, New York

November 2006 Faculty at The “ Anspach Skull Base Surgery course” for senior neurosurgical residents, Palm Beach, Florida

July 2006 Faculty at The “ Anspach Skull Base Surgery course” for senior residents, Palm Beach, Florida

December 2005 Directed a pre-congress course on “Skull Base Surgical anatomy and virtual reality” at the National Italian Congress of Neurological Surgeons in Turin, Italy.

November 2005 Directed a pre-congress course on “Skull Base Surgery” at the 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, Florida

September 2005 Directed a 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, Florida

July 2005 Directed a 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, New York, NY.

May 2005 Directed a course on “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 Directed a 2 days pre-congress 3D course on “Skull Base Surgery” at the Congress of Latin American Neurosurgical Federation in Panama City, Panama.

October 2004 Directed a 1 day workshop on application of powered surgical instruments in neurosurgery in Santa Cruz, Bolivia.

August 2004 Directed a 2-days 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 Directed 2 days temporal bone dissection course course, with 3D technology sponsored by the Medical School of the Hospital de Especialidades del Centro Medico Nacional “Siglo XXI”, in Mexico City, Mexico

June 2004 Directed a 2-days surgical course on ‘transpetrosal approaches in skull base surgery” at the National Social Security Hospital “ Civil Nuevo”, in Guadalajara, Mexico

May 2004 Directed a 2-days 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 Directed a 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 Directed a 2-days dissection course on “transpetrosal approaches to the base of the skull” at the International meeting of Otolaryngology sponsored by the Universidad Javeriana of Bogota, Colombia

February 2003 Faculty at the Skull Base Surgery workshop at the Barrow Neurological Institute, Phoenix, AZ

January 2003 Directed a 3 days dissection course (with virtual reality technology) on skull base surgery at the International Meeting of Neurosciences at the University of West Indies, Mona-Kingston, Jamaica

December 2002 Directed a 3 days dissection course with 3D technology on “surgical approaches to the base of the skull” at the University of Bucaramanga, Colombia.

October 2002 Directed a 2 days pre-congress course on “Skull Base Surgery” at the Congress of Latin American Neurosurgical

Federation in Lima , Peru'.

- May 2002 Directed a 4 days course on “transpetrosal approaches to the clivus” at University of Caracas, Venezuela
- November 2001 Directed a 2 days workshop on “dissection of cavernous sinus and parasellar region” at the XVIII international Simposium in Neurosurgery in Bogota', Colombia.
- March 2001 Directed a 2 days “Temporal Bone Dissection Course” at the III International Meeting of Neurosciences in Bogotá, Colombia
- August 2000 Directed a “Temporal Bone Dissection Course” at the Annual Meeting of the Colombian Congress of Neurosurgeons in Medellin, Colombia
- 1999-2000 Directed “skull base surgery courses” at various hospitals in Lima, Arequipa, Iquitos (Peru')
- 1997-1999 Research tutor for medical student and post-graduates at University of California, Irvine
Organized and co-directed monthly dissection courses on skull base surgery for neurosurgical residents at UCI
- 1993 – 1994 Clinical tutor in Neurological Surgery for medical student and post-graduates at University of Naples, Italy
- 1991 – 1993 Teaching Pharmacology, Infectious Diseases and Neuropsychiatry at Professional School for Nurses, Italy

Visiting Professor

- Instituto de Ciencias Neurológicas “ Oscar Trelles” of Lima, Peru', March 2000
- University “Federico Villareal” of Lima, Peru', February 2000
- University of Caracas, Venezuela, May 2002
- University of Bucaramanga, Colombia, December 2002
- University of West Indies, Mona-Kingston, Jamaica, January 2003
- University of Illinois at Peoria, March 2003
- University “La Sapienza” , Rome, Italy, April 2004
- University of Guadalajara, Mexico January 2005
- University of Padua, Italy, September 2006
- University of Naples, Italy, September 2006
- University “La Sapienza” Rome, Italy, September 2006
- University of Verona, Italy, November 2008
- George Washington University, Washington, November 2010

Languages

Italian	Native language
English	Fluent
Spanish	Fluent
French	Good
Portuguese	Fair

Additional skills: Proficient in computer assisted medical illustration, three-dimensional modelling, virtual reality digital imaging and high-quality digital image synthesis and reproduction. Artwork submitted and accepted accompanying published articles in neurosurgical journals

Service to scientific scholars

International editor and ad-hoc reviewer

Neuroscienze en Colombia (Official journal of the Colombian National Association of Neurosurgeons)

Papers presented to scientific meetings

1. **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
2. **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
3. **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
4. **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
5. **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
6. **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.Cinquigrani
XLIV National Congress - Societa Italiana di Anatomia, Bologna, 1990
7. **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
8. **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
9. **Correlation between perilesional edema and hormone receptors in cranial meningoma**
F.Maiuri - S.Montagnani - **A Bernardo** - B.Gallicchio - M.Gangemi.
IXL National Congress - Societa Italiana di Neurochirurgia. Lecce, Italy, 1990
10. **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
11. **Post-operative ecdoppler 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

12. **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
13. **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
14. **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
15. **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.
16. **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.
17. **Do secondary insults occur in patients with spontaneous subarachnoid heamorrhage?**
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.
18. **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
19. **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.
20. **Surgical exposure and dissection of the superior orbital fissure (SOF) as seen from the pterional approach: a cadaveric prosection.**
M. Ammirati – **A. Bernardo**
Congress of Neurological Surgeons Meeting. October 1998. Seattle, USA
21. **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
22. **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
23. **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
24. **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
25. **Extradural exposure of the cavernous sinus: dissection technique.**
M. Ammirati – **A. Bernardo**
American Association of Neurological Surgeons Meeting. April 2000. San Francisco

- 26 **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
- 27 **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
- 28 **A New Three-Dimensional Interactive Virtual Model to Simulate Transpetrous Surgical Avenues.**
A. Bernardo, M. C. Preul, J. M. Zabramski, R. F. Spetzler.
American Association of Neurological Surgeons Meeting. April 2003, San Diego, CA
- 29 **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
- 30 **Surgical exposure of the superior orbital fissure(SOF) and intraorbital contents through an orbito-zygomatic osteotomy: a cadaveric study**
A. Bernardo, H Riina, P. Stieg
Congress of Neurological Surgeons Meeting. October 2005, Boston, MA
- 31 **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
- 32 **Surgical exposure of the Jugular Foramen Region through a combined Sublabyrinthine 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
- 33 **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
- 34 **A Combined Far Lateral Sublabyrinthine-Transpetrosal Transcervical Approach to the Jugular foramen, Anterior Brainstem and Clivus.**
Antonio Bernardo, MD, Juan Solivera, M.D., Philip E. Stieg, MD
European Association of Neurological Surgeons Meeting Glasgow September 2007
- 35 **A Combined “Conservative” Perilabyrinthine-Transpetrosal Transcervical Approach to the jugular foramen, anterior brainstem and clivus.**
Juan Solivera, M.D., Anna Visca, MD*; Philip E. Stieg, MD, Antonio Bernardo, MD;
Congress of Neurological Surgeons Meeting. September 2007, San Diego, CA
- 36 **Comparison of trans and perimastoid access to brainstem targets: a cadaveric study**
Carlo Alberto Benech M.D. Philip E. Stieg MD Antonio Bernardo MD
North American Skull Base Society Meeting. September 2008, Vancouver, Canada.
- 37 **Analytical Evaluation of Pericavernous and Transcavernous Surgical Avenues to the Basilar Apex Region.**
Carlo Alberto Benech M.D. Philip E. Stieg MD Antonio Bernardo MD
North American Skull Base Society Meeting. September 2008, Vancouver, Canada.
- 38 **Analytical evaluation of transcallosal, contralateral transcallosal and transcortical access to lateral ventricles: a cadaveric study.**
Mariana Alamar MD, Roberto Faggin MD, Philip E. Stieg, MD, Antonio Bernardo, MD;
Congress of Neurological Surgeons Meeting. September 2008, Orlando, FL

- 39 **Comparison of the Infratentorial Supracerebellar, Interhemispheric Transcallosal and Occipital Transtentorial Approaches to Posterior Third Ventricle: a Cadaveric Study**
Mariana Alamar MD, Roberto Faggin MD, Philip E. Stieg, MD, Antonio Bernardo, MD;
Congress of Neurological Surgeons Meeting. September 2008, Orlando, FL
- 40 **A Combined Pericavernous and Transcavernous Surgical Avenues to the Upper Basilar Artery Region.**
Carlo Alberto Benech MD, Philip E. Stieg, MD, Antonio Bernardo, MD;
Congress of Neurological Surgeons Meeting. September 2008, Orlando, FL
- 41 **Comparison of Trans and Perimastoid Surgical Routes to the Petroclival Region: a cadaveric study**
Carlo Alberto Benech MD, Philip E. Stieg, MD, Antonio Bernardo, MD;
Congress of Neurological Surgeons Meeting. September 2008, Orlando, FL
- 42 **An extended anterior transpetrosal approach to expose the lower clivus and the vertebro-basilar junction.**
Valerio di Norcia MD, Juan Solivera, M.D. Philip E. Stieg, MD, Antonio Bernardo, MD;
American Association of Neurological Surgeons Meeting. May 2009, San Diego, CA
- 43 **Surgical Approaches to the Brainstem: an Extensive 3D anatomo-surgical study.**
Idoia Valduvico, MD, Alessandro Bertuccio, MD, Mattheos Christoforidis, MD, Anna Visca, MD,
Philip E. Stieg MD, Antonio Bernardo, MD
Congress of Neurological Surgeons Meeting. October 2009, New Orleans, LO
- 44 **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, MD, Alessandro Bertuccio, MD, Idoia Valduvico, MD, Philip E. Stieg MD, Antonio Bernardo, MD
Congress of Neurological Surgeons Meeting. October 2009, New Orleans, LO
- 45 **Comparative analytical study of different surgical approaches to the interpeduncular fossa and dorsum sellae region: a cadaveric study**
Mattheos Christoforidis, MD, Idoia Valduvico, MD, Alessandro Bertuccio, MD, Philip E. Stieg MD, Antonio Bernardo, MD
Congress of Neurological Surgeons Meeting. October 2009, New Orleans, LO

Invited speaker

- 1 **Cranial base surgical approaches to the clivus**
Peruvian Congress of Neurological Surgeons Annual Meeting, October 1999; Lima, Peru
- 2 **Advances in Neurosurgery**
University "Federico Villareal" of Lima, December 1999; Lima, Peru'
- 3 **Far lateral trans-condylar approach to the anterior brain stem**
XXXII Peruvian and International Congress of Surgery, March 2000; Lima, Peru'
- 4 **Transpetrosal surgical routes in "Skull Base Surgery"**
XXXII Peruvian and International Congress of Surgery, March 2000; Lima, Peru'
- 5 **Cranial Base Surgical approaches to the basilar artery region**
X International Congress of Neurosurgery, April 2000; Arequipa, Peru'
- 6 **Anterior transfacial approaches to cranial base lesions**
Colombian Congress of Neurological Surgeons Annual Meeting, August 2000; Medellin, Colombia
- 7 **Lateral transcranial approaches to the petrous apex and clival region**

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

- 8 One year experience as volunteer neurosurgeon in Peru**
International committee of Congress of Neurological Surgeons Meeting. October 2000; San Antonio, Texas, USA
- 9 Peri and trans- cavernous routes to the upper clivus**
Millennium Meeting of the Caribbean Association of Neurological Surgeons, November 2000, Puerto Plata, Dominican Republic
- 10 Combined transfacial transcranial approaches to the clivus**
XVIII international Symposium in Neurosurgery, November 2001, Bogota', Colombia
- 11 Extradural exposure of the cavernous sinus**
XVIII international Symposium in Neurosurgery, November 2001, Bogota', Colombia
- 12 Petrous bone surgery**
Caribbean Association of Neurological Surgeons, November 2001, San Juan, Puerto Rico
- 13 Trans and peri – cavernous approaches to basilar aneurisms (3D presentation)**
Caribbean Association of Neurological Surgeons, November 2001, San Juan, Puerto Rico
- 14 Combined approaches in skull base surgery**
XVIII international Simposium in Neurosurgery, November 2001, Bogota', Colombia.
- 15 Transpetrosal surgical approaches to the base of the skull: 3D applications**
Annual Meeting of the Colombian Association of Otolaryngology. May 2002, Santa Marta, Colombia
- 16 Anterior transfacial approaches to the base of the skull**
Annual Meeting of the Colombian Association of Otolaryngology. May 2002, Santa Marta, Colombia
- 17 Skull base surgical approaches (3D presentation)**
Luncheon Seminar at the XX Congress of Latin American Neurosurgical Federation, October 2002, Lima, Peru'.
- 18 Transpetrosal surgical avenues to the basilar artery (3D presentation)**
Caribbean Association of Neurological Surgeons, November 2003, Panama City, Panama
- 19 Transpetrosal approaches to the clivus: 3D surgical anatomy (3D presentation)**
Visiting Professor at the University of Illinois, Peoria, February 2003
- 20 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
- 21 Analytical evaluation of transfacial approaches provides a new classification**
Visiting Professor at the University of Illinois, February 2003, Peoria, Illinois
- 22 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
- 23 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
- 24 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
- 25 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

- 26 Transpetrosal approaches to the petroclival region**
International meeting on minimally invasive skull base surgery, May 2003, Turin, Italy.
- 27 Modifications of orbito-zygomatic craniotomy to access the upper/ middle clivus (3D presentation)**
XVI International Meeting of Neurosurgery, August 2003, Cartagena, Colombia
- 28 Lateral transcranial approaches to the petroclival region (3D presentation)**
XVI International Meeting of Neurosurgery, August 2003, Cartagena, Colombia
- 29 Use of surgical power instruments in skull base surgery**
Training and presentation to National Social Security, March 2004, Guadalajara, Mexico
- 30 Virtual Reality in Neurosurgery: will it be part of the neurosurgical planning in the future? (3D presentation)**
University La sapienza, April 2004, Rome, Italy
- 31 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.
- 32 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
- 33 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
- 34 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
- 35 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
- 36 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
- 37 Skull Base Surgery: lateral transcranial approaches to clivus lesions. (3D presentation)**
II International Meeting of Neurosurgery, September 2004, Guayaquil, Ecuador
- 38 Variations of the orbito-zygomatic approach to access basilar tip aneurysms (3D presentation)**
II International Meeting of Neurosurgery, September 2004, Guayaquil, Ecuador
- 39 Advances in Skull Base Surgery (3D presentation)**
XXI Congress of Latin American Neurosurgical Federation, October 2004, Panama City, Panama
- 40 Anterior transfacial approaches to the clivus**
Annual Meeting of the Colombian Association of Neurological Surgeons, November 2004, Armenia, Colombia.
- 41 Surgical approaches to the base of the skull**
Annual Meeting of the Colombian Association of Neurological Surgeons, November 2004, Armenia, Colombia.
- 42 Skull Base Surgical Approaches for intracranial aneurysms**
National Meeting of the Peruvian Association of Neurological Surgeons, November 2005, Lima, Peru
- 43 Surgical anatomy of the base of the skull**

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

- 44 Skull Base Surgical Approaches for intracranial aneurysms**
VI international meeting of the Spanish Spine Society "NeuroRaquis", April 2006, Jerez de la Frontera, Spain
- 45 Surgical Approaches for skull base tumors**
VI international meeting of the Spanish Spine Society "NeuroRaquis", April 2006, Jerez de la Frontera, Spain
- 46 Surgical Approaches for vascular lesions of the skull base**
National Meeting of the Spanish Association of Neurological Surgeons, May 2006, Vigo, Spain
- 47 How to approach tumors at the base of the skull**
National Meeting of the Spanish Association of Neurological Surgeons, May 2006, Vigo, Spain
- 48 Skull Base Surgical Approaches for vascular lesions.**
National Meeting of the Venezuela Association of Neurological Surgeons, May 2006, Merida, Venezuela
- 49 Combined surgical approaches for skull base lesions.**
National Meeting of the Venezuela Association of Neurological Surgeons, May 2006, Merida, Venezuela
- 50 Anterior transfacial surgical approaches.**
National Meeting of the Venezuela Association of Neurological Surgeons, May 2006, Merida, Venezuela
- 51 Skull Base Microsurgical approaches to intracranial tumors**
XIV Congress of the Western Mexican Neurosurgical Society, July 2006, Isla Navidad, Manzanillo, Mexico
- 52 Microneurosurgical approaches to the sellar region**
XIV Congress of the Western Mexican Neurosurgical Society, July 2006, Isla Navidad, Manzanillo, Mexico
- 53 Skull base surgical approaches for intracranial aneurysms**
Visiting Professor at the University of Padua, Italy, September 11, 2006
- 54 Skull base surgical approaches for intracranial aneurysms**
Visiting Professor at the University of Naples, Italy, September 13, 2006
- 55 Skull base surgical approaches for intracranial aneurysms**
Visiting Professor at "La Sapienza University", Rome, Italy, September 16, 2006
- 56 Microsurgical anatomy of skull base surgical approaches**
Inaugural session of the Catalan Neurosurgical Society, Barcelona, September, 2006
- 57 Virtual reality and surgical planning in Neurosurgery**
International meeting in neurosurgical advances and cerebral revascularization, Leon, Spain, November 2006
- 58 Indications for revascularization in aneurysms surgery**
International meeting in neurosurgical advances and cerebral revascularization, Leon, Spain, November 2006
- 59 Skull Base Surgical approaches for intracranial giant aneurysms**
International meeting in Neurosurgery "30° Aniversario Hospital Jesús Yenera "Lidice", Caracas, Venezuela, January 2007.
- 60 Surgical Approaches for Foramen Magnum Lesions**
International meeting in Neurosurgery "30° Aniversario Hospital Jesús Yenera "Lidice", Caracas, Venezuela, January 2007.
- 61 Indications and surgical techniques for revascularizations in cerebro-vascular surgery**

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

- 62 Surgical approaches for cranio-cervical lesions**
IV International Meeting of Neurosciences organized by the University of West Indies at Montego Bay, Jamaica, January 2007
- 63 Surgical anatomy of the base of the skull**
American Austrian Foundation annual meeting for Neurosurgery, March 2007, Salzburg, Austria
- 64 Skull Base surgical approaches for intracranial lesions**
American Austrian Foundation annual meeting for Neurosurgery, March 2007, Salzburg, Austria
- 65 Chairman of Surgical Video Session**
National Meeting of the Italian Congress of Neurological Surgeons, June 2007, Rome, Italy
- 66 Surgical Anatomy of the posterior fossa**
VIII National Congress of The Spanish Society of Skull Base, June 2008, Santander, Spain
- 67 Surgical Approaches for Complex Lesions at the Base of the Skull.**
National Congress Of The Peruvian Association of Neurological Surgeons, Novemebr 2007, Lima, Peru
- 68 Management of Primary Brain Tumors, Meningiomas, and Skull Base lesions**
Neurosurgery Masters' Update, November 2007, Dubai, UAE
- 69 Skull base Surgical Approaches for Lesions at the Foramen Magnum**
XXI International meeting of The Colombian Association of Neurological Surgeons, November 2007, Santa Marta, Colombia
- 70 Modified Combined Surgical Approaches for Lesions of the Jugular Foramen**
XXI International meeting of The Colombian Association of Neurological Surgeons, November 2007, Santa Marta, Colombia
- 71 Surgical Approaches for Complex Giant Aneurysms**
XXI International meeting of The Colombian Association of Neurological Surgeons, November 2007, Santa Marta, Colombia
- 72 Transpetrosal Approaches**
New Concepts in Neurosurgical Training: Tips and Tricks, May 2008, Taormina, Italy
- 73 Extended Subtemporal Approaches**
New Concepts in Neurosurgical Training: Tips and Tricks, May 2008, Taormina, Italy
- 74 Surgical Approaches for Skull Base Lesions**
VIII National Congress of The Spanish Society of Skull Base, June 2008, Santander, Spain
- 75 Skull Base Surgical Techniques for Giant Intracranial Aneurysms**
Roma International Skull Base and Cerebrovascular Workshop, June 2008, Rome, Italy
- 76 Skull Base surgical approaches for intracranial lesions**
American Austrian Foundation annual meeting for Neurosurgery, September 2008, Salzburg, Austria
- 77 Lateral approaches to the Skull Base**
XX III Congress of Latin American Neurosurgical Federation, October 2008, Bogota' Colombia
- 78 Surgical approaches to the Skull Base**
Visiting Professor at the University of Verona, Italy, Novemeber 2008.
- 79 New technologies in Skull Base Surgery**
Invited speaker at the Covidien Satellite Symposium at the European Skull Base Society Congress in Rotterdam , The Netherlands, April 2009
- 80 Update: what's new in brain tumors and vascular surgery**

- American Austrian Foundation annual meeting for Neurosurgery, May 2009, Salzburg, Austria
- 81 Craniocervical Surgical Anatomy**
American Austrian Foundation annual meeting for Neurosurgery, May 2009, Salzburg, Austria
- 82 Virtual reality in Neurosurgery**
National Meeting of the Spanish Association of Neurological Surgeons, May 2009, Seville, Spain
- 83 Updates in surgery of complex intracranial aneurysms**
National Meeting of the Spanish Association of Neurological Surgeons, May 2009, Seville, Spain
- 84 Transpetrosal Approaches to the Skull Base**
Society of University Neurosurgeons annual meeting, June 2009, Naples Italy
- 85 Surgical Approaches to the parasellar region, cavernous sinus and interpeduncular fossa**
International invited faculty at the course on "Surgical Approaches for Cerebral aneurysms", July 2009, Sao Paulo, Brazil
- 86 Surgical Approaches for intracranial giant aneurysms**
International invited faculty at the course on "Cerebral aneurysms", August 2009, Lima, Peru
- 87 Lateral transpetrosal approaches to the skull base**
International invited faculty at 2nd interdisciplinary AO course on Skull Base Surgery / Approaches to the Lateral Skull Base, September 2009, Vienna, Austria
- 88 Lateral transpetrosal approaches to the skull base**
International invited faculty at 2nd interdisciplinary AO course on Skull Base Surgery / Approaches to the Lateral Skull Base, September 2009, Vienna, Austria
- 89 Combined transcervical approaches to Jugular Foramen lesions**
International invited faculty at 2nd interdisciplinary AO course on Skull Base Surgery / Approaches to the Lateral Skull Base, September 2009, Vienna, Austria
- 90 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
- 91 Skull Base surgical approaches for intracranial lesions**
American Austrian Foundation annual meeting for Neurosurgery, February 2010, Salzburg, Austria
- 92 Surgical anatomy of the sellar and parasellar region**
New Concepts in Neurosurgical Training: Tips and Tricks, April 2010, Taormina, Italy
- 93 Using stereoscopic 3D video recording in neurosurgery practice and education**
Breakfast seminar, Congress of Neurological Surgeons, May 2010, Philadelphia
- 94 Skull Base Surgery techniques for intracranial vascular lesions**
International Vascular Symposium, June 2010, Cartagena, Colombia
- 95 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

Published papers

1. **Cerebellar Medulloblastoma in Adults: Report of 15 cases and review of the Literature**
Acta Neurolo Vol.16 February-April 38-45, 1994
G.Iaconetta - E.Lamaida - **A.Bernardo** - A.Rossi - M.L. De Caro - A.Monticelli - F.Mauri
2. **Lumbar Stenosis: Literature review and 7 clinical cases**
Physician 2: 30-40, 1992
M.Caradente - **A.Bernardo** - F.Signorelli - E. La Madia - L.Serra - G.Ambrosio
3. **Cervical Medullary Tumors and Biochemical Stability of the Spine. A Case Study**
M.Caradente - P. De Marinis - **A.Bernardo** - R. D'Avino
Physician 2: 1-4, 1993
4. **Postoperative Echotomographic Evaluation after Carotid Endoarterectomy**
J. Neurosurg. Sc.1992
F.Maiuri - B.Gallicchio - **A.Bernardo**
5. **Correlation between Sex Hormone Receptors and Peritumoral Edema in Intracranial Meningiomas**
F.Maiuri - S.Montagnani - **A.Bernardo** - G.Iaconetta - B. Gallicchio
Journal Neurosurg. Sc.38:2933,1994
6. **Unltrasonographic Findings that Predict Carotid Restenosis after Endoarterectomy**
F.Maiuri - B.Gallicchio - **A.Bernardo** - G.Iaconetta - L.Serra
European Journal of Ultrasound 2: 261-267, 1995.
7. **Intraplaque Haemorrhage of the Carotid Arteries Diagnosis by Duplex Scanning**
F.Maiuri - B.Gallicchio - **A.Bernardo** - G.Iaconetta - L.Serra
Journal of Neurosurg.Sc. 38:87-92, 1994.
8. **Expression of epithelial and mesenchymal markers in human meninges, normal and pathological.**
G. Giordano Lanza, S. Montagnani, **A. Bernardo**, F. Maiuri.
Italian Journal of Anatomy and Embryology; Suppl. Vol. 99, October, 1994
9. **Intracranial Meningiomas: correlation between Magnetic Resonance and histologic findings**
F. Maiuri, R. Spaziante, G. Iaconetta, **A. Bernardo**, 5. Cirillo, M.L. Del Basso De Caro
Eur. J. Radiology 1998
10. **Management of Skull Base Chordomas.**
M Ammirati – **A. Bernardo**.
Crit Rev Neurosurg 9 (1999) 2, 63-69
11. **Analytical evaluation of complex anterior approaches to the Cranial Base: an anatomical study.**
M.Ammirati – **A. Bernardo**.
Neurosurgery 43:1398-1408, 1998
12. **Early experience with fractionated stereotactic radiosurgery using a conformal intensity modulated system (Peacock system).**
M. Ammirati – **A. Bernardo**, Nilam Ramsinghani, Richard Yakoob, Matthew Al-Ghazi, Jeffrey Kuo and Giuseppe Ammirati. Skull Base, volume 11, number2: 109-119, 2001
13. **Comparison of different infratentorial-supracerebellar approaches to the posterior and middle incisural space: a cadaveric study.**
Ammirati M, Bernardo A, Musumeci A, Bricolo A.
J Neurosurg. 2002 Oct;97(4):922-8.
14. **The microsurgical anatomy of the cisternal segment of the trochlear nerve, as**

- seen through different neurosurgical operative windows.**
 Ammirati M, Musumeci A, Bernardo A, Bricolo A.
 Acta Neurochir (Wien). 2002 Dec;144(12):1323-7.
- 15 **A three-dimensional interactive virtual dissection model to simulate transpetrous surgical avenues.**
Bernardo A, Preul MC, Zabramski JM, Spetzler RF.
 Neurosurgery. 2003 Mar;52(3):499-505; discussion 504-5.
- 16 **Discovering the novel surgical approach.**
 Clatterbuck RE, **Bernardo A**, Spetzler RF.
 Clin Neurosurg. 2003;50:36-44.
- 17 **The superior orbital fissure as seen from the pterional approach: an anatomic-surgical study**
 Ammirati M., Bernardo A.
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- 18 **Three-Dimensional and 2-Dimensional Endoscopic Exposure of Midline Cranial Base Targets Using Expanded Endonasal and Transcranial Approaches**
 Roth, Jonathan M.D.; Singh, Ameet M.D.; Nyquist, Gurston M.D.; Fraser, Justin F. M.D.; Bernardo, Antonio M.D.; Anand, Vijay K. M.D.; Schwartz, Theodore H. M.D.
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Book Chapters

Orbitocranial zygomatic approach to aneurysms of the upper basilar artery
 Neurosurgical Operative Atlas: Vascular Neurosurgery BY Macdonal. November 2008

Translabyrinthine and transcochlear petrosal approaches
 Antonio Bernardo and Philip E. Stieg
 CRANIAL, CRANIO-FACIAL AND SKULL BASE SURGERY, edited by Dr Cappabianca
 Springer Verlag. January 2010

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 NEUROSURGERY TRICKS OF THE TRADE by Drs. Scott C. Berta and Michael L. Levy.
 Thieme Publisher. Forthcoming

Retrosigmoid approach
 NEUROSURGERY TRICKS OF THE TRADE by Drs. Scott C. Berta and Michael L. Levy.
 Thieme Publisher. Forthcoming

Far Lateral/ELITE approaches
 NEUROSURGERY TRICKS OF THE TRADE by Drs. Scott C. Berta and Michael L. Levy.
 Thieme Publisher. Forthcoming

Reviewed papers

- 1 **Role of the Zygomaticofacial Foramen in the Orbitozygomatic Craniotomy: Anatomic Report.**
Martins C., Xiaoyong L., Rhoton ALJ,
Neurosurgery 53: 168-173, 2003
- 2 **Latex Injection of Cadaver Heads: Technical Note**
Alvernia, Jorge E MD¹; Pradilla, Gustavo MD²; Mertens, Patrick MD³; Lanzino, Giuseppe MD⁴;
Tamargo, Rafael J MD²
Neurosurgery 67: 362-367, 2010
- 3 **Myocardial Contrast Echocardiography in Subarachnoid Hemorrhage-Induced Cardiac Dysfunction: Case Report**
Lee, Vivien H. M.D.; Abdelmoneim, Sahar S. M.D.; Daugherty, Wilson P. M.D., Ph.D.; Oh, Jae K.
M.D.; Mulvagh, Sharon L. M.D.; Wijdicks, Eelco F.M. M.D.
Neurosurgery 62: 261-262, 2008
- 4 **Greater Superficial Petrosal Nerve Dissection: Back To Front or Front To Back?**
Jittapiromsak, Pakrit M.D.; Sabuncuoglu, Hakan M.D.; Deshmukh, Pushpa Ph.D.; Nakaji, Peter
M.D.; Spetzler, Robert F. M.D.; Preul, Mark C. M.D.
Neurosurgery 64: 253-259, 2009

Fellows Trained

Anna Visca, MD, Italy
Roberto Faggin, MD, Italy
Ehab Mohammed Eissa, MD, Egypt
Juan Solivera, MD, Spain
Michael Lerner, MD, Austria
Mariana Alamar, MD, Spain
Valerio Di Norcia, MD, Italy
Idoia Valduvico, MD, Spain
Antonia Garcia, MD, Spain
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