

GUILHERME CARVALHAL RIBAS, M.D.

BRIEF PROFILE AND CURRICULUM VITAE

August 2014

IDENTIFICATION



Name: **Guilherme Carvalho Ribas**
Date of birth: January 28, 1952
Place: São Paulo, Brazil
Citizenship: Brazilian
Marital Status: Married, to Thereza Christina Carvalho Ribas

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MAIN CURRENT TITLES AND POSITIONS

- Professor of Surgery, *Faculdade de Medicina da Universidade de São Paulo – Departamento de Cirurgia – LIM02* (University of São Paulo Medical School, Dept. of Surgery – LIM02), São Paulo, Brazil
- Neurosurgeon, *Hospital Israelita Albert Einstein* (Albert Einstein Hospital), São Paulo, Brazil
- Visiting Professor of Neurosurgery, Dept. of Neurosurgery, University of Virginia, USA; responsible for yearly Course of Neurosurgical Anatomy, since 1995.
- Co-Director and Professor of the yearly Cambridge Lectures of Neurosurgical Anatomy of the Dept. of Neurosurgery of the University of Cambridge, England, since 2005.

BRIEF PROFILE

Born in January 1952, in São Paulo, SP, Brazil, Professor Guilherme Carvalho Ribas obtained his medical degree from the *Escola Paulista de Medicina* (Paulista School of Medicine) of the *Universidade Federal de São Paulo* (Federal University of São Paulo), in São Paulo, SP, Brazil, in 1977, did his neurosurgical residency in the *Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo* (Hospital of Clinics of the University of São Paulo Medical School) under Professor Gilberto Machado de Almeida (1978-1981), and at the Department of Neurosurgery of the University of Virginia, under Professor John A. Jane (1981-1982), and did a short research fellowship at Professor Albert Rhoton Jr.'s microneurosurgery laboratory at the University of Florida, in 1985.

At the *Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School) he obtained his Doctorship degree in Neurology in 1991, the degree of Professor of Surgery in 2005, and was responsible for applied neuroanatomy graduate and post-graduate courses at the Topographic Anatomy Discipline of the Department of Surgery, from 1994 to 2012. His laboratory research done at this department, at the *Hospital Beneficência Portuguesa*, and along his neurosurgical practice is focused on microneurosurgical anatomy and on cranial neurosurgical techniques, and overall he published more than 50 articles, and more than 40 book chapters.

Since 1995 he teaches surgical neuroanatomy at the Department of Neurosurgery of the University of Virginia, where in 2000 he was appointed Professor of Clinical Neurosurgery, Clinical Faculty. Since 2005 he is co-director and lecturer of the yearly “Cambridge Lectures in Neurosurgical Anatomy” at the University of Cambridge, UK, organized by its Department of Neurosurgery. Since 2003 he is one of the lectures of the Annual Microanatomy Courses of the Microsurgical Laboratory of the *Hospital Beneficência Portuguesa* (Beneficência Portuguesa Hospital) of São Paulo, Brazil, and of the “Sulci, Gyri, Ventricles and Dissecting Fibers” yearly courses of the *Universidade do Minho* (University of Minho), in Braga, Portugal. Since 2011 he lectures also in the “Annual SNI Brain Anatomy with Surgical Implications Course” of the Swedish Medical Center, in Seattle, and since 2012 at the “Advanced Techniques in Neurosurgical Oncology organized by the Dept. of

Neurosurgery of The National Hospital for Neurology and Neurosurgery – Queen Square, in London, UK.

He is a pionner of stereoscopic publications in neurosurgical journals (Journal of Neurosurgery, December 2001, with its cover illustration), and his lectures are mostly done with 3D techniques since 1995.

In 2010 had the privilege of having his article The Cerebral Sulci and Gyri as the most accessed article of the whole Journal of Neurosurgery Publishing Group during this year (5573 accesses).

In August 2012 he received the distinguished invitation to write the chapter about the anatomy of the cerebral hemispheres for the next edition of the classical textbook Gray's Anatomy, by its editors.

Among his participations in medical journals, he is a member of the editorial staff of the Neurosurgical Focus, since 2007, and of the Journal of Neurosurgery Video Supplement since September 2011. He is also an active reviewer for Neurosurgery since 2004, and for World Neurosurgery and Neurosurgical Review since 2011, among other participations.

His practice of neurosurgery is mostly done at the *Hospital Israelita Albert Einstein* (Albert Einstein Hospital) in São Paulo, Brazil, and, although general, is currently more particularly focused in intrinsic and extrinsic brain tumors surgery.

CURRICULUM VITAE

EDUCATION/GRADUATION

PRE-UNIVERSITARIAN COURSES

- PRIMARY GRADE (Elementary School), in *Colégio Dante Alighieri* (Dante Alighieri School), São Paulo, Brazil, 1959-1962.
- SECONDARY GRADE (Equivalent to High School)
 - GYMNASIAL COURSE (Junior Grade equivalent), in *Colégio Dante Alighieri* (Dante Alighieri School), São Paulo, Brazil, 1963-1966.
 - SCIENTIFIC COURSE (Junior and Senior Grades equivalents), in *Colégio São Luís* (Saint Louis School), São Paulo, 1967-1968, and *Colégio das Bandeiras* (Bandeiras School), São Paulo, Brazil, 1969.

ENGINEERING COURSE

- 1st and 2nd years, in the *Escola Politécnica da Universidade de São Paulo* (Polytechnical School of the University of São Paulo), Brazil, 1970-1971.

MEDICAL COURSE

- 1st and 2nd years, in the *Faculdade de Medicina de Santo Amaro* (Santo Amaro School of Medicine), São Paulo, Brazil, 1972-1973, and 3rd, 4th, 5th and 6th in the *Escola Paulista de Medicina* (Paulista School of Medicine), São Paulo, Brazil, 1974-1977; Grade: M.D.

TRAINING

RESIDENCY

In Brazil

- GENERAL SURGERY – *Hospital São Paulo da Escola Paulista de Medicina* (São Paulo Hospital of Paulista School of Medicine), São Paulo, December 1977 – February 1978.
- NEUROSURGERY – *Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo* (Hospital of Clinics of the University of São Paulo Medical School), São Paulo, March 1978 – June 1981 (Professor Gilberto Machado de Almeida).

Abroad

- NEUROSURGERY – University of Virginia, Charlottesville, Virginia, USA, July 1981 – June 1982 (Professor John A. Jane).

RESEARCH FELLOWSHIP

Abroad

- RESEARCH FELLOWSHIP IN MICRONEUROANATOMY, at the Dept. of Neurological Surgery of the Theodore Gildred Microsurgical Education Center of the University of Florida, July 22 – October 4, 1985 (Professor Albert Rhoton Jr.).

OTHER SELECTED NON-CURRICULAR COURSES AND TRAINING

ACTIVITIES

In Brazil

- INSTRUCTOR OF NEUROPHYSIOLOGY – *Escola Paulista de Medicina* (Paulista School of Medicine), São Paulo, during 1974.
- INSTRUCTOR OF SURGICAL TECHNIC AND EXPERIMENTAL SURGERY – *Escola Paulista de Medicina* (Paulista School of Medicine), São Paulo, January 1975 – December 1976.
- PRACTICE IN MICROSURGERY LABORATORY – *Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School), São Paulo, September 1980 – June 1981.

Abroad

- COURSE ON HEAD INJURIES, “British Council Course n° 951” – by Professor Bryan Jennett, Glasgow, Scotland, March 16-28, 1980.
- COURSE ON MICROSURGERY – by Professor R. M. Peardon Donaghy, Burlington, Vermont, USA, April 12-23, 1982.
- COURSE ON MICROSURGERY – by Professor Albert Rhoton Jr., Gainesville, Florida, USA, August 19-23, 1985.
- EPILEPSY AND INTRINSIC BRAIN TUMORS – in the “Saint Louis University School of Medicine, Continuing Medical Education/Practical Anatomy Course”, by Yasargil MG, Oliver A, Spencer D, Saint Louis, Missouri, April 28-29, 1995.

CERTIFICATIONS/TITLES

In Brazil

BOARD CERTIFICATION

- BOARD CERTIFICATION IN NEUROSURGERY (Título de Especialista em Neurocirurgia), given after examination by the *Sociedade Brasileira de Neurocirurgia* (Brazilian Society of Neurosurgery), July 20, 1984.

POST-GRADUATION COURSE AND ACADEMIC DEGREES

- POST-GRADUATION COURSE ON NEUROLOGY, in the *Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School), August 1982 – May 1991.
- DOCTORSHIP THESIS AND DEGREE – “Anatomical relationships of the lambdoid, occipitomastoid and parietomastoid sutures with the transverse and sigmoid sinuses study, temporo-parieto-occipital burrhole sites study, and systematized approaches proposal”:
Study partially done at the Gildred Microsurgical Education Center of the University of Florida, under Professor Alberto Rhoton Jr. orientation, and partially at the Anatomical Department of the *Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School), under the orientation of Professor Oswaldo Ricciardi Cruz and Professor Aldo Junqueira Rodrigues Jr.; presented to and approved by the *Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School) on May 24, 1991, obtaining the Doctorship Degree with grade 10 and laudation.
- PROFESSOR OF SURGERY THESIS AND DEGREE – Obtained through examinations done at the Department of Surgery of the *Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School), with the thesis “Surgical anatomy of microneurosurgical sulcal key-points”, in September, 2005.

Abroad

U.S. MEDICAL CERTIFICATION

- Educational Commission for Foreign Medical Graduates (ECFMG) Certificate, in May 1981 (ECFMG number: 281-947-2).

ACADEMIC POSITIONS

In Brazil

- MEMBER of the Staff of the Neurosurgical Service of the Hospital of Clinics of the *Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School), from August 1982 to October 1995.
- COORDINATOR of the Neurology Course of the Graduation Course of Physiotherapy of the *Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School), from 1984 to 1987.
- COORDINATOR of the Applied Neuroanatomy Sector of the Human Structural Topography Discipline, Department of Surgery, *Faculdade de Medicina da Universidade de São Paulo* (University of São Paulo Medical School), from 1994 to 2012.
- SCIENTIFIC COORDINATOR of the *Laboratório de Microcirurgia* (Microneurosurgery Laboratory), *Hospital da Beneficência Portuguesa* (Beneficência Portuguesa Hospital) and *Instituto de Ciências Neurológicas* (Institute of Neurological Sciences – ICNE), São Paulo, since January 2009.

Abroad

- CLINICAL CONSULTANT of the University of Virginia, Department of Neurosurgery, since 1988.
- VISITING PROFESSOR of the Department of Neurosurgery of the University of Virginia, since 1997.
- CO-DIRECTOR of the Cambridge Lectures in neurosurgical Anatomy, since 2003.

SELECTED LECTURES AND COURSES AS ORGNIZER AND/OR

PROFESSOR ABROAD

YEARLY COURSES OF 3D MICRONEUROSURGICAL ANATOMY

- At the Department of Neurosurgery of the UNIVERSITY OF VIRGINIA, Charlottesville, Virginia, USA, since 1995.
- At the “Sulci, Gyri, Ventricles and Dissecting Fibers” course of the UNIVERSITY OF MINHO, Braga, Portugal, since 2003.
- At the “Cambridge Lectures in Neurosurgical Anatomy” of the UNIVERSITY OF CAMBRIDGE, Cambridge, UK, since 2005.
- At the “Annual SNI Brain Anatomy with Surgical Implications Course” of the SWEDISH MEDICAL CENTER, Seattle, USA, since 2011.
- At the Annual Course in “ADVANCED TECHNIQUES IN NEUROSURGICAL ONCOLOGY”, organized by the Victor Horsley Dept. of Neurosurgery of the National Hospital for Neurology and Neurosurgery, in London, UK, since 2012.

OTHER SELECTED COURSES AND LECTURES

- 3D MICRONEUROSURGICAL COURSE, in 4 lectures, in the Michael Scott Symposium of the Temple University, Philadelphia, USA, June 1998.
- Lecture in the Latin American – American Symposium of Neurosurgery: CRANIAL LANDMARKS FOR MICROSURGERY: WHERE DO I PUT MY CRANIOTOMY?, 72nd Annual Meeting of the American Association of Neurological Surgeons, Orlando, Florida, USA, May 2004.
- 3D MICRONEUROSURGICAL ANATOMY, in 2 lectures, in the First Update course of Neurosurgery of the University of California in San Francisco (UCSF), USA, August 2007.
- Lecture in the lunch seminar MALIGNANT GLIOMAS: FUTURE TREATMENT, at the Congress of Neurological Surgeons, Orlando, Florida, USA, September 2008.
- 3D MICRONEUROSURGICAL ANATOMY, in 4 lectures, in the 5th European Low Grade Glioma Network Meeting, Barcelona, Spain, January 2009.
- 3D MICRONEUROSURGICAL ANATOMY, in 4 lectures, in the Department of

Neurosurgery of the Università Sapienza, Professor Roberto Delfini, Rome, Italy, April 2009.

- 3D MICRONEUROSURGICAL ANATOMY, in 3 lectures, as Distinguished Visiting Lecture of the 78th Annual Scientific Congress of the Australasian College of Surgeons, Brisbane, Australia, May 2009.
- 3D MICRONEUROSURGICAL ANATOMY, in 3 lectures, during the III Practical Course of Neurosurgical Approaches, in Valencia, Spain, June 2010.
- Lecture in the 5th International Symposium of Microneurosurgical Anatomy, in Istanbul, Turkey, November 2010.
- 3D MICRONEUROSURGICAL ANATOMY COURSE, in 6 lectures, at the Swedish Medical Center, in Seattle, USA, 10 to 12 of June 2011.
- Lecture MICRONEUROSURGICAL ANATOMY APPLIED TO CEREBRAL GLIOMAS, at the National Hospital in Queen Square, London, England, June 20, 2011.
- 3D MICRONEUROSURGICAL ANATOMY COURSE, in 6 lectures, at the Dept of Neurosurgery of the University of Montpellier, France, 3 and 4 of September 2011.

ACTIVITIES IN MEDICAL PERIODICALS

AS MEMBER OF EDITORIAL BOARD

In Brazil

- *Revista Diagnóstico e Tratamento* (Diagnostic and Treatment Journal, of the Paulista Society of Medicine), since November 1996.
- *Revista do Hospital das Clínicas da Faculdade de Medicina de Ribeirão Preto da Universidade de São Paulo* (Journal of the Clinics Hospital and Medical School of Ribeirão Preto of the University of São Paulo), since 2005.

Abroad

- NEUROSURGICAL FOCUS, since March 2007.
- JOURNAL OF NEUROSURGEY VIDEO SUPPLEMENT, since September 2011.

AS REVIEWER

In Brazil

- *Arquivos de Neuropsiquiatria* (Neuro-Psychiatric Archives).

Abroad

- NEUROSURGERY.
- WORLD NEUROSURGERY.
- ACTA NEUROCHIRURGICA.
- CLINICAL ANATOMY.

- NEUROSURGICAL REVIEW.

CURRENT SOCIETIES MEMBERSHIP

In Brazil

- *Sociedade Paulista de Medicina* (Paulista Medical Society), since May 1984.
- *Associação Brasileira de Medicina* (Brazilian Medical Association), since May 1984.
- *Sociedade Brasileira de Neurocirurgia* (Brazilian Society of Neurosurgery), since July 4, 1986.

Abroad

- AMERICAN ASSOCIATION OF CLINICAL ANATOMISTS (AACA), since 1998.
- CONGRESS OF NEUROLOGICAL SURGEONS (CNS), International Member, since 2003.

SELECTED HONORS AND AWARDS

In Brazil

- BENEDITO ROCHA CAMPOS AWARD – for the best paper written by a neurosurgical resident, received in the “4th Neurosurgical Meeting”, Atibaia, São Paulo, April 1980; with the paper:
 - Mental disturbances related with aneurysms of the anterior communicating artery region – Ribas GC.
- ROTARY INTERNATIONAL SCHOLARSHIP, through selection, for the year of 1982.
- 2nd BEST PAPER OF THE BRAZILIAN ACADEMY OF NEUROSURGERY MEETING, Guarujá, São Paulo, November 24, 1991:
 - Anatomical relationships on the lamboid, occipitomastoid and parietomastoid sutures with the transverse and sigmoid sinuses study, temporo-parieto-occipital burrhole sites study, and systematized approaches proposal – Ribas GC, Rhoton AL Jr, Cruz OR, Peace DA.
- PREFERRED NEUROSURGEON, chosen in the poll “The physicians the physicians refer”, done among academic and distinguished physicians of São Paulo, Brazil, by the weekly magazine *Veja*, October 17, 2007.
- ONE OF THE 14 MOST RESPECTED DOCTORS IN THE SPECIALTY NEUROSURGERY, chosen in a Brazilian nationwide poll among physicians: “The most admired in Medicine, by the magazine *Análise*, 2008.

Abroad

- AWARD OF BEST PAPER PRESENTED IN THE ICRAN-1984 – given by the “Neurotraumatology Committee of the World Federation of the Neurosurgical Societies”, Montevideo, Uruguay, November 6, 1984; with the paper:
 - Head injury management protocol – Ribas GC, Gherpelli JD, Lucas FJC.
- HONORED GUEST of the “Michael Scott Symposium of the Temple University”, organized by Ray K. Narayan, Philadelphia, USA, 1998.
- DISTINGUISHED VISITING LECTURER in the “78th Annual Scientific Congress of the Australasian College of Surgeons”, Brisbane, Australia, May 2009.

Most accessed article of the Journal of Neurosurgery Group (JNSG) during the year of 2010:

- RIBAS GC. The cerebral sulci and gyri. *Neurosurg Focus*. 2010;28(2):E2.

*All Journals JNSG: Top Accessed Articles of the Year**

Rank	Access	Article Title	Author	Pub
1	5573	The cerebral sulci and gyri	Guilherme Carvalhal Ribas	NSF
2	2964	Insular glioma resection: assessment of patient morbidity, survival, and tumor progression	Nader Sanai, Mei-Yin Polley, Mitchel S. Berger	JNS
3	2641	Intraoperative stimulation techniques for functional pathway preservation and glioma resection	Nader Sanai, Mitchel S. Berger	NSF
4	2615	Complications of decompressive craniectomy for traumatic brain injury	Shirley I. Stiver	NSF
5	2567	Cardiovascular complications after acute spinal cord injury: pathophysiology, diagnosis, and management	Julio C. Furlan, Michael G. Fehlings	NSF

*From Atypon Report: Summary Report for Calendar Year 2010. Journal of Neurosurgery Publishing Group, Charlottesville, Virginia, January 2011; Margie A. Shreve (assistant to the Editor-in-Chief): mshreve@thejns.org.

- Invitation to write the chapter “Anatomy of the Cerebral Hemispheres” for the forthcoming 41st edition of the classic textbook Gray’s Anatomy, Elsevier, done by Professor Alan Crossman, Section Editor for Neuroanatomy, and by Professor Susan Standring, Editor-in-Chief, in August 2012.

WELFARE MEDICAL ASSISTANCE SELECTION

- Public Selection Exam for Neurosurgeon of the “National Institute of Social Welfare Medical Assistance” (*INAMPS*, Brazil), São Paulo, having been selected in first place, in 1981.

PRIVATE PRACTICE

- Neurosurgeon of the *Instituto Neurológico de São Paulo* (São Paulo Neurological Institute), of the *Hospital São Joaquim da Real e Benemerita Sociedade Portuguesa de Beneficência de São Paulo* (São Joaquim Hospital and the Royal Society Benemerita Portuguese Charity of São Paulo), São Paulo, Brazil, from 1982 to 1987.
- Neurosurgeon of the *Hospital Israelita Albert Einstein* (Albert Einstein Hospital), São Paulo, Brazil, since 1984.

OTHER IMPORTANT ACTIVITIES

- Member of the ETHICS COMMITTEE of the *Hospital Israelita Albert Einstein* (Albert Einstein Hospital), São Paulo, Brazil, as an elected member for 6 terms, from October 1992 through October 2004.
- Member of the *Câmara Técnica de Neuropediatria, Neurologia e Neurocirurgia do Conselho Regional de Medicina do Estado de São Paulo* (Neuropediatrics, Neurological and Neurosurgical Technical Committee of the Medical Regional Council of the State of São Paulo), since 1995.
- Member of the DELIBERATIVE ASSEMBLY of the *Sociedade Beneficente do Hospital Israelita Albert Einstein* (Albert Einstein Hospital Beneficent Society), São Paulo, Brazil, since November 1995.
- HONORARY DIRECTOR of the *Hospital Israelita Albert Einstein* (Albert Einstein Hospital), São Paulo, Brazil, appointed for the period of 2002 to 2005.

MISCELLANEOUS

- COURSE OF ENGLISH LANGUAGE – in the *Instituto de Inglês Abraham Lincoln* (Abraham Lincoln English Institute), São Paulo, Brazil, from March 1963 to December 1968.
- COURSE OF ITALIAN LANGUAGE – in the *Colégio Dante Alighieri* (Dante Alighieri School), São Paulo, Brazil, during the Gymnasial Course (High School Junior Grades equivalent), from 1963 to 1966.
- INTERNATIONAL FELLOWSHIP EXCHANGE STUDENT PROGRAM – Philadelphia, Pennsylvania, USA, from December 1967 to March 1968.
- COURSE OF GERMAN LANGUAGE – in the *Goethe-Institut São Paulo* (Goethe Institute of São Paulo), from August 1970 to November 1975.
- TEST OF ENGLISH AS FOREIGN LANGUAGE (TOEFL) Certificate – January 1980.

SELECTED PUBLICATIONS

Publication in Indexed Journals

- Lima S, Uflacker R, Ribas CG, Piske RL. Embolization of carotid-cavernous fistula through the superior ophthalmic vein approach. *Radiology*. 1985;157(P):93. (Presented at 71st Scientific Assembly and Annual Meeting; 1985; Chicago, USA).
- Uflacker R, Lima S, Ribas GC, Piske RL. Carotid-cavernous fistulas: embolization through the superior ophthalmic vein approach. *Radiology*. 1986;159(1):175-9.
- Almeida GM, Ribas GC. Tratamiento de la siringomielia. *Rev Argent Neurocir*. 1988;4(1):55-8.
- Souza LCR, Ribas GC. Reconstrução óssea da região frontal com enxerto de calota craniana. Relato de caso. *Arq Bras Neurocirurg*. 1991;10:47-53. [Reconstruction of the frontal region with cranial graft]
- Ribas GC, Jane JA. Traumatic contusions and intracerebral hematomas. *J Neurotrauma*. 1992;9(1):S265-78.
- Gusmão S, Ribas GC, Silveira RL, Tazinaffo U. Localização dos sulcos e giros da face súpero-lateral do cérebro na tomografia computadorizada e na ressonância magnética. *Arq Neuropsiquiatr*. 2001;59(1):65-70. [The sulci and gyri localization of the brain superolateral surface in computed tomography and magnetic resonance imaging]
- Ribas GC, Bento RF, Rodrigues Junior AJ. Anaglyphic 3D stereoscopic printing: revival of an old method for anatomical and surgical teaching and report. *J Neurosurg*. 2001;95(6):1057-66.
- Yasuda A, Campero A, Martins C, Rhoton AL, Ribas GC. The medial wall of the cavernous sinus: microanatomical study. *Neurosurgery*. 2004;55(1):179-90.
- Brito Neto RV, Ferreira BR, Yasuda A, Carvalhal GR, Rodrigues Jr. JA. Referências anatômicas na cirurgia do implante auditivo de tronco cerebral. *Rev Bras Otorrinolaringol*. 2005;71(3):282-6. [Anatomical landmarks in auditory brainstem implant surgery]
- Cahali RB, Cahali MB, Neto RVB, Bento RF, Ribas GC. Endoscopia do meato acústico interno pelo acesso retolabiríntico. *Rev Bras Otorrinolaringol*. 2004;70(5):616-21. [Endoscopy of the internal auditory canal through the retrolabyrinthine approach]
- Poetscher AW, Ribas GC, Yasuda A, Nishikuni K. Para-muscular and trans-muscular approaches to the lumbar intervertebral foramen: an anatomic comparison. *Arq Neuropsiquiatr*. 2005;63(1):46-9.
- Ribas GC, Rhoton Jr AL, Cruz OR, Peace D. Suboccipital burr holes and craniectomies. *Neurosurg Focus*. 2005;19(2):E1-E12.
- Ribas GC, Ribas EC, Rodrigues CJ. The anterior sylvian point and the suprasylvian operculum. *Neurosurg Focus*. 2005;18(6b):E1-E6.
- Yasuda A, Ulm AI, Campero A, Martins C, Tanriover N, Rhoton AL, Oliveira E, Ribas GC. Microsurgical anatomy of the cavernous sinus approaches. *Neurosurgery*. 2005;56(ONS Suppl 1):ONS 4-ONS 27.

- Yasuda CL, Tedeschi H, Oliveira ELP, Ribas GC, Costa ALC, Cardoso TAM, Montenegro MA, Guerreiro MM, Li LM, Cendes F. Mesial temporal lobe epilepsy: a prospective short-term study comparing surgical and clinical treatments. *Epilepsia*. 2005;46(6):321.
- Ribas GC. Considerações sobre a evolução filogenética do sistema nervoso: o comportamento e a emergência da consciência. *Rev Bras Psiquiatr*. 2006;28(4):326-38. [Considerations about the nervous system phylogenetic evolution, behavior, and the emergence of consciousness]
- Bento RF, Brito R, Ribas GC. Surgical management of intracranial complications of otogenic infection. *Ear, Nose, Throat J*. 2006;85(1):36-9.
- Murao MS, Bento RF, Sanchez TG, Ribas GC. Transient evoked otoacoustic emissions after vestibular nerve section in chinchillas. *Hear Res*. 2006;213(1-2):43-8.
- Ribas GC, Yasuda A, Ribas EC, Nishikuni K, Rodrigues Junior AJ. Surgical anatomy of microneurosurgical sulcal key-points. *Neurosurgery*. 2006;59(ONS Suppl4):ONS-177-ONS-209.
- Yasuda CL, Tedeschi H, Oliveira ELP, Ribas GC, Costa ALC, Cardoso TAMO, Montenegro MA, Guerreiro CAM, Guerreiro MM, Li LM, Cendes F. Comparison of short-term outcome between surgical and clinical treatment in temporal lobe epilepsy: a prospective study. *Seizure*. 2006;15:35-40.
- Ribas GC. Neuroanatomical basis of behavior: history and recent contributions. *Rev. Bras. Psiquiatr*. 2007;29(1):63-71. doi: 10.1590/S1516-44462006005000025
- Chadad F, Ribas GC, Oliveira E. A craniotomia pterional: descrição passo a passo. *Arq Neuropsiquiatr*. 2007;65(1):101-6. [The pterional craniotomy: step by step]
- Ribas GC, Oliveira E. A ínsula e o conceito de bloco cerebral central. *Arq Neuropsiquiatr*. 2007;65(1):92-100. [The insula and the central core concept]
- Ribas GC, Rodrigues Junior AJ. The suprapetrosal craniotomy. *J Neurosurg*. 2007;106:449-54.
- Fortes FSG, Sennes LU, Carrau RL, Brito R, Ribas GC, Yasuda A, Rodrigues AJ, Snyderman CH, Kassam AB. Endoscopic anatomy of the pterygopalatine fossa and the transpterygoid approach: development of a surgical instruction model. *Laryngoscope*. 2008;118:44-9. doi: 10.1097/MLG.0b013e318155a492
- Yasuda A, Campero A, Martins C, Rhoton AL Jr, Oliveira E, Ribas GC. Microsurgical anatomy and approaches to the cavernous sinus. *Neurosurgery*. 2008;62(3):1240-63.
- Ramos A, Chaddad-Neto F, Joaquim AF, Campos-Filho JM, Mattos JP, Ribas GC, Oliveira E. The microsurgical anatomy of the gyrus rectus area and its neurosurgical implications. *Arq Neuropsiquiatr*. 2009;67(1):90-5
- Ribas GC. The cerebral sulci and gyri. *Neurosurg Focus*. 2010;28(2):E2.

- Uno M, Oba-Shinjo SM, Silva R, Flavio Miura, Clara CA, Almeida JRW, Malheiros SMF, Bianco AM, Brandt R, Ribas GC, Feres H, Dzik C, Rosemberg S, Stavale JN, Teixeira MJ, Marie SKN. IDH1 mutations in a Brazilian series of Glioblastoma. *Clinics*. 2011;66(1):163-5. doi: 10.1590/S1807-59322011000100028
- Párraga RG, Ribas GC, Andrade SEGL, Oliveira E. Microsurgical Anatomy of the Posterior Cerebral Artery in Three-Dimensional Images. *World Neurosurgery*. 2011;(75):233-57. doi:10.1016/j.wneu.2010.10.053
- Oliveira JG, Párraga RG, Chadad F, Ribas GC, Oliveira E. Supracerebellar transtentorial approach – resection of the tentorium instead of an opening – to provide broad exposure of the mediobasal temporal lobe: anatomical aspects and surgical applications. *J Neurosurgery*. 2012;116(4):764-72. doi 10.3171/2011.12.JNS111256
- Párraga RG, Ribas GC, Welling LC, Alves RV, Oliveira E. Microsurgical Anatomy of the Optic Radiation and Related Fibers in 3-Dimensional Images. *Neurosurgery*. 2012;71(1):ons160-ons172. doi:10.1227/NEU.0b013e3182556fde
- Alves RV, Párraga RG, Ribas GC, Oliveira E. The occipital lobe convexity sulci and gyri. *J. Neurosurgery*. 2012;116(5):1014-23. DOI: 10.3171/2012.1.JNS11978
- Chaddad-Neto F, Campos Filho JM, Dário-Netto HL, Faria MH, **Ribas GC**. The pterional craniotomy: tips and tricks. *Arq Neuropsiquiatr*. 2012;70(9):727-32.
- Nishikuni K, Ribas GC. Study of the fetal and postnatal morphological development of the brain sulci. *J Neurosurg Pediatrics*. 2013;11(1):1-11.
- Barone DG, Ban VS, Kirollos RW, Trivedi RA, Bulters DO, Ribas GC, Santarius T. Alternative cost-effective method to record 3D intra-operative images, a technical note. *British Journal of Neurosurgery*. 2014; 27: 1-2.

Comments in Indexed Journals

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OBSERVATION

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