

Curriculum Vitae

RAMEZ WADIE KIROLLOS

Consultant Neurosurgeon

M.B.Ch.B (Honours), Doctor of Medicine (Leeds), F.R.C.S. (Ed.), F.R.C.S. (Eng.),

F.R.C.S. (Neurosurgery), Fellow of the European Board in Neurosurgery (FEBNS)

NAME:

Ramez Wadie **Kirollos**

GMC REGISTRATION:

Full registration - 3603860

Specialist register (Neurosurgery)

**CERTIFICATE OF
COMPLETION OF
SPECIALIST TRAINING**

Neurosurgery

October 1998

DEGREES AND QUALIFICATIONS:

M.B.Ch.B. (Honours)	Alexandria University, Egypt	1984
F.R.C.S. (Ed.)	The Royal College of Surgeons of Edinburgh	1990
F.R.C.S. (Eng.)	The Royal College of Surgeons of England	1991
F.R.C.S. (Neurosurgery)	Intercollegiate Board in Neurosurgery	1998
M.D. (Doctor of Medicine)	University of Leeds	2000
Fellow of the European Board in Neurosurgery (FEBNS)	European Association of Neurosurgical Societies (EANS)	2000

PRESENT AND RECENT APPOINTMENTS

Senior Consultant Neurosurgeon

National Neuroscience Institute (NNI), Singapore

Commenced June 2018

Consultant Neurosurgeon

Addenbrooke's Hospital, University of Cambridge, Cambridge

October 2001- June 2018

Associate Lecturer

University of Cambridge, School of Clinical Medicine

Commenced 2012

Member of Court of Examiners

Examiner Royal College of Surgeons of England

Commenced 2006

Representative for the Society of British Neurosurgery (SBNS) to the European Association of Neurosurgery (EANS) and the World Federation of Neurosurgery (WFNS)

2015 - 2018

President (2016/2017) & Past President (2017/2018) of the British – Irish Meningioma Society (BIMS)

Co-founder

From 2016

Past Chairman (president) of the British Neurovascular Group (BNVG) / UK Neurovascular specialty lead for the Society of British Neurosurgery (SBNS)

2013 – 2015

Member of the Neuro-oncology Committee of the World Federation of Neurosurgery (WFNS)

From 2018

Member of the Educational Committee of the European Association of Neurosurgery (EANS)

2016/2017

Director of the Cambridge Lectures in Neurosurgical Anatomy (CLNA)

Co-founder

Established in 2005

Convener and co-founder of the British Neurosurgical Training Course (BNTC)

Established 2010

Senior Consultant Neurosurgeon Khoo Teck Puat Hospital & ad hoc **Visiting Consultant** Ng Teng Fong Hospital, Singapore.

October 2015-April 2016 (Sabbatical period from Cambridge to the department of neurosurgery, National University Hospital of Singapore)

Member of the Basic Surgical Training Subcommittee

East Anglia Region

2002 – 2010

PROFESSIONAL MEMBERSHIPS

Full member of the Society of British Neurological Surgeons (elected representative for the society to the EANS and WFNS 2015-2018)

Member of the British Skull Base Society

Member of the British Neurovascular group (elected chairman 2013 - 2015)

Member of the European Association of Neurosurgical Societies (EANS)

EDUCATION

Primary and secondary school

Victoria College (English School - Alexandria, Egypt)

Medical School

Faculty of Medicine Alexandria University
October 1977 - November 1983

POST-GRADUATE EXAMINATIONS:

FMGEMS	Educational Commission of Foreign Medical Graduates-USA	1984
	Clinical Medical Science Component [Score-81]	1985
	Basic Medical Science Component [Score-91]	
Primary FRCS	The Royal College of Surgeons of England	1986
PLAB Test	Professional & Linguistic Assessment Boards - UK (Test of professional medical knowledge)	1987
Final FRCS	The Royal College of Surgeons of Edinburgh	1990
Final FRCS	The Royal College of Surgeons of England	1991
Primary examination of the European Diploma of Neurosurgery	European Association of Neurosurgical Societies Score 78%	1997
FRCS (Neurosurgery)	Intercollegiate Board in Neurosurgery	1998
Doctor of Medicine (MD)	Research School of Medicine University of Leeds	2000
EANS Oral Examination	European Association of Neurosurgical Societies (EANS)	2000

PRIZES AND AWARDS:

M.B.Ch.B. Honours	Alexandria University	1984
	Honours for overall performance in Basic Medical Science examinations (Grades: excellent in Anatomy, Pathology, Microbiology, Pharmacology - Very good in Physiology, Biochemistry)	
The Hallett Prize	The Royal College of Surgeons of England	1986
	Prize for obtaining the highest marks in the primary F.R.C.S. examination	
The Silver Scalpel Award	The Association of Surgeons in Training (ASIT)	2010
	Award after nomination for the best trainer and surgical teacher for all surgical specialties	

PREVIOUS APPOINTMENTS

1. **House Officer Rotation** March 1984 - February 1985. Alexandria University Hospital, Alexandria, Egypt. The rotation included two months in each of: General Medicine, General Surgery, Paediatrics, Obstetrics & Gynaecology, Casualty & Anaesthesia. Specialty - Neurosurgery.
2. **School Health Officer** March 1985 - April 1986. Students Hospital, Alexandria, Egypt. Compulsory Government Appointment.
3. **Resident in General Surgery** May 1986 - October 1987. The Coptic Hospital, Alexandria, Egypt
4. **Senior House Officer in Neurosurgery** May 1988 - July 1988. Atkinson Morley's Hospital, London, England. Consultants: Prof. A. Bell M.D., FRCS, Mr. D. Uttley FRCS, Mr. H. Marsh M.A., FRCS.
5. **Senior House Officer in Orthopaedics** September 1988 - January 1989. The General Infirmary at Leeds, Leeds, England. Consultants: Mr. M. A. Nelson FRCS, Mr. E. B. Longton FRCS, Mr. J. O. Lawton FRCS.
6. **Senior House Officer in Accident & Emergency** February 1989 - July 1989. Hammersmith Hospital, London, England. Consultant: Mr. P. Singh FRCS.
7. **Senior House Officer in General Surgery** August 1989 - January 1990. (Including 3 months in Paediatric Surgery) Hammersmith Hospital, London, England. Consultant: Mr. J. Spencer FRCS.
8. **Senior House Officer in General Surgery** February 1990 - July 1990. Frenchay Hospital, Bristol, England. Consultant: Mr. R. E. May M.A., FRCS.
9. **Senior House Officer in Neurosurgery** August 1990 - January 1991. Frenchay Hospital, Bristol, England. Consultants: Mr. B. H. Cummins FRCS, Mr. R. J. Nelson FRCS.
10. **Senior House Officer in General Surgery** February 1991 - July 1991. (Including 3 months in Vascular Surgery) Frenchay Hospital, Bristol, England. Consultants: Mr. A. B. Baker FRCS, Mr. C. P. Armstrong FRCS, Mr. S. J. Cawthorne FRCS.
11. **Registrar in Neurosurgery** August 1991 - July 1993. The General Infirmary at Leeds, Leeds, England. Consultants: Mr. P. T. van Hille FRCS, Mr. D. J. Price FRCS, Mr. P. V. Marks M.D., FRCS.
12. **Research Fellow in Neurosurgery** August 1993 - January 1996. The Department of Neurosurgery, The General Infirmary at Leeds, Leeds, England.
13. **Registrar in Neurosurgery** February 1996 - September 1996. The Walton Centre for Neurology and Neurosurgery, Liverpool, England.
14. **Clinical Fellow in Skull Base Surgery** March 1999 - May 1999. Division of Neurosurgery, Toronto Western Hospital, University of Toronto, Toronto, Canada. Program director: Dr. F. Gentili MD, MSc, FRCS (C), FACS.
15. **Senior Registrar in Neurosurgery** October 1996 – November 2000. The Walton Centre for Neurology and Neurosurgery, Liverpool, England.
16. **Locum Consultant Paediatric and Adult Neurosurgeon** December 2000 – September 2001. The Walton Centre for Neurology and Neurosurgery & Alder Hey Children's Hospital, Liverpool, England.

EXPERIENCE IN NEUROSURGERY

My appointment as a consultant neurosurgeon in Cambridge involved subspecialisation in neurovascular and skull-base surgery. The busy clinical practice resulted in an extensive personal experience with over 670 clipping of intracranial aneurysms and within the last 16 years a personal series of over 160 microsurgical resections of Arterio-venous malformations (AVM). I have experience in skull base approaches – frontoorbitozygomatc, extended frontal transbasal, transsphenoidal, and far lateral approach to the craniocervical junction. I have performed over 500 craniotomies for resection of intracranial menngiomas in the last 16 years, mostly complex skull-base meningiomas. I provide a service as part of multidisciplinary team including ENT, maxillofacial and ophthalmology for complex craniofacial resections.

I have also large experience in neuroendoscopy, and I contribute to the service for paediatric brain tumours, microvascular decompression, pituitary lesions and a significant expertise in intraventricular lesions and tumours (over 100 microsurgical resections of pure intraventricular lesions) and resection of pineal tumours (over 35 open resections). Over the last 7 years I have developed with ENT colleagues endoscopic transsphenoidal and skull base approaches for pituitary and other lesions.

My practice also covers other aspects of general neurosurgery: lumbar and cervical spinal disc disease, trauma, gliomas and others.

During my training, I have worked in different neurosurgical units. I have completed seven years of higher surgical training in neurosurgery before being accredited as a Neurosurgeon in October 1998.

Following two appointments as a Senior House Officer in neurosurgery, I was appointed as a Registrar in the Regional Neurosurgical Centre at the General Infirmary at Leeds for two years. My clinical experience continued during my subsequent appointment as a Research Fellow in the same department, as I had a clinical role. I was then appointed as a Senior Registrar in Neurosurgery at the Walton Centre for Neurology and Neurosurgery in Liverpool which offers an excellent exposure to and experience in a wide variety of neurosurgical sub-specialities. This has enabled me to get more experience especially in the fields of Functional, movement disorders, Pain, Epilepsy, Image-guided surgery and Paediatric Neurosurgery (especially Neuroendoscopy and Craniofacial surgery).

My expertise in skull base surgery was enhanced during my appointment as a clinical fellow at the Toronto Western Hospital, Canada. I was appointed through competitive application. During this fellowship, I was registered as a medical specialist and gained further operative experience. I had the opportunity to become familiar with the North American practice in Neurosurgery. I have learned in particular surgical techniques in skull base surgery, and became familiar with intra-operative MRI and neurophysiological monitoring.

RESEARCH

I was appointed as a Research Fellow in the department of Neurosurgery at the General Infirmary at Leeds from August 1993 to January 1996. My research project was to study the effect of Photodynamic Therapy on Human Pituitary adenomas *in vivo*. The work included the development of a pituitary tumour model and techniques of tumour implantation. I have gained increased knowledge on the biochemical and physical effects of Photodynamic Therapy. I have conducted experimental *in vivo* Photodynamic Therapy. I became familiar with the techniques to study the molecular basis of apoptotic tumour cell death. The aim of this study is to investigate the potential use of Photodynamic Therapy as an adjuvant treatment in addition to surgery in cases of invasive Pituitary adenomas. I was awarded an MD (Doctor of Medicine) degree by the University of Leeds following the successful submission of a thesis titled "An *in vivo* study on the effect of Photodynamic Therapy on human pituitary adenoma". I have produced published articles demonstrating the significance of this work.

I have conducted a prospective study on the surgical management of spontaneous cerebellar haematomas which was completed over a period of six years.

I was part of a team undergoing a multi-centre study on the effect of the "neuroprotective" agent Elliprodil on head injured patients conducted by "Synthelabo" and I was involved in two clinical multi-centre studies on pharmacological agents for management of complications of head injuries (Bayer) and subarachnoid haemorrhage (Takeda). After my appointment as Consultant in Cambridge I was involved in the international multicentre trial of mild intraoperative hypothermia for intracranial aneurysm surgery (Mayo clinic).

Currently I am involved in basic surgical research to cover several aspects of adjuvant therapy for invasive meningiomas at the University of Cambridge. This includes genetic/chromosomal studies, neuroimaging correlating with image guided histological studies of dural invasion, and clinical evaluation of adjuvant radiotherapy as part of the large clinical skull base practice. This is highlighted by establishing the British-Irish Meningioma Society (BIMS) in 2016. I am collaborating with Professor Michael Morgan in studies for vascular remodelling and lateral wall shear stress in AVMs.

I have over 75 papers published in peer reviewed journals and over 90 presentations in scientific meetings. The most significant being a prospective study for managing cerebellar haematomas which is widely quoted and used in various clinical guidelines, timing of AVM surgery, developing a grading system for evaluation of surgery for the tethered cord syndrome, experimental study on Photodynamic therapy for implanted pituitary adenomas, contribution to the randomised study on the use of drains in chronic subdural haematomas, endoscopic treatment of arachnoid cysts and numerous papers on cerebral aneurysms, arteriovenous malformations, meningiomas and pineal surgery.

I regularly review articles for publication in the British Journal of Neurosurgery (average: 10-12 articles per year) since 2002. I also review papers for other journals such as Neurosurgery, World Neurosurgery and Journal of Neurology less frequently.

TEACHING AND EDUCATION

Undergraduate: I am an Associate Lecturer at the University of Cambridge, School of Clinical Medicine. I give regular formal lectures in neurosurgery (5-6 lectures per year) to the Cambridge University medical students. I also conduct clinical neuroscience teaching. From 2010 I assisted in practical neuroanatomy to undergraduates in the Anatomy department at the University of Cambridge and in 2016 contributed as part of a group in the development of the neuroanatomy curriculum and introduction of 3D teaching material. From 2015 I provide regular tutorials in Neurosurgery to the medical students of the University of East Anglia.

Previously (2002-2004) was the supervisor of neuroscience (neurophysiology and neuroanatomy) studies for medical students at Wolfson College, Cambridge University.

Neurosurgical training: I was the educational supervisor for all the basic neuroscience trainees in Cambridge (2002-2008) and I am a member of the Basic Surgical Training subcommittee of the East Anglia Deanery Surgical Specialist Advisor's Committee since 2002. I organised the appointments and educational training of the junior trainees. I perform their regular appraisals and assessments. I also undertake the weekly higher neurosurgical trainees (registrars) teaching sessions.

In 2010 I was awarded the Silver Scalpel award by The Association of Surgeons in Training (ASIT) after nomination by trainees and following interviews and evaluation the nominations were submitted to the surgical colleges and finally the Chief Medical Officer for selection of the winner. This is an award for the best trainer and surgical teacher for all surgical specialties.

Post-graduate examination: I am appointed as a member of the court of examiners at the Royal College of Surgeons of England and have been an examiner for 13 years since 2006. I examine the Intercollegiate MRCS examination in surgery in general for both operative surgery/surgical anatomy vivas and the clinical surgical examination. On average I examine four times per year and I also examine at the College's centres overseas.

National and International Neurosurgical courses: I am the director and co-founder of the annual Cambridge Lectures in Neurosurgical Anatomy (CLNA) www.clna.org.uk which was established in 2005 and attracts large numbers of attendances nationally and from Europe. In the last thirteen years (18 sessions) the international guest speakers included Professor Ribas, Professor Yasargil, Professor Ture, Professor de Tribolet, Professor de Oliveira, Professor Gentili, Professor Reisch, Professor Duffau, Professor Amin Kassam, Professor Hernesniemi, Professor Schramm, Professor McDermott, Professor Bertalanfy, Professor Al Mefty, Professor Bello, Professor Constantini, Professor Oseiku, Professor Morcos and Professor Benes. From 2015 (10th Anniversary) there is an annual Southeast Asia edition. Singapore November 2015 – Guest speaker Professor Benes. Jakarta, Indonesia August 2016 – Combined with the WFNS neuroanatomy committee, Guest speakers Professors Morgan and Koto. Kuala Lumpur, Malaysia November 2017 – Guest speaker Professor Duffau.

I am on the faculty of the Leeds course in Neuroanatomy of Operative Approaches since 2004. This is a hands-on course in two parts conducted every six months involving microsurgical cadaveric dissections. I am a regular lecturer and instructor of the practical

sessions. This is a popular course for British and European neurosurgical trainees. I, also lecture regularly in the bi-annual neurosurgical fellowship courses in London (9 years / 2005 - 2013) and Aberdeen (since 2010).

I have co-established a national course for the neurosurgical curriculum for trainees to cover all topics in two years cycle in 6 monthly sessions. The first was in 2010 in Cambridge (currently in the 3rd cycle). This is now regarded as the comprehensive neurosurgical training course for UK trainees (BNTA).

I am invited on a regular basis for teaching lectures in other neurosurgical units and on different training courses including cadaveric dissection courses for neurosurgical and skull base approaches. These included cadaveric courses regularly in Cambridge (Bi-annual cadaveric approaches to neurovascular surgery since 2010 and ad hoc sponsored courses by Medtronic and Codman, 2014, 2015, 2016, 2016, 2017, 2018) and in Coventry, the Royal College of Surgeons of England, and overseas in Kuala Lumpur (2013, 2014) and Singapore (2015, 2017). I was invited as faculty to national and international teaching courses and workshops in Kuala Lumpur (July 2013 – October 2013 – “Joint International Endoscopic Neuro-ENT Skull Base Course” October 2014 & November 2016), Dublin (2013), Singapore (October 2014), the 1st, 2nd, 4th, 5th Clinical Comprehensive Revision Courses in Krakow (2013, 2014, 2016, 2017), Antwerp Brain school (May 2015), Neurosurgery Update in Coventry (September 2015, 2016, 2017), London Brain school (September 2015), Neuro Colloquium symposium organised by the Malaysian Medics International (MMI) society in Kuala Lumpur (April 2016), FRCS (Neurosurgery) revision course in Singapore (August 2016) and Kuala Lumpur (November 2017), 3DNeuroanatomy course and white matter dissection in Alicante (March 2017, March 2018) and the 3DNeurofest in Jaipur, India (February 2018), International Neurosurgery Course in Malaga (March 2017), Cranio-Cervical Junction workshop in Barcelona (March 2017), Oxford Skull Base Course - Advanced Surgical Techniques in Oxford (April 2017), Endoscopic Anterior Skull Base Surgery: hands-on cadaveric course in Leeds (June 2017), Brain anatomy and white matter dissection course in Kuala Lumpur (November 2017).

I have been involved in the neurosurgical clinical teaching and examination of the medical students of the University of Leeds and Liverpool and postgraduate teaching for junior medical staff. I have participated in lecturing in the Leeds course for the final FRCS examinations. I have also lectured in numerous departmental and regional neurosurgical courses for nurses and Operating Department Assistants. As a Senior Registrar, I was involved in the surgical training and organisation of academic activities for the junior staff. While in Singapore I was appointed examiner by the National University of Singapore (NUS) for the professional examination for the degree of MBBS (2016).

OTHER PROFESSIONAL ACTIVITIES

As the Chairman of the British Neurovascular Group (BNVG) I was invited to sit on the SBNS council meetings as the UK neurovascular specialty lead. I organised the BNVG meetings and coordinated the administrative and scientific activities of the group. As representative for the SBNS to the EANS and WFNS I also attended the SBNS council meetings (*ex officio* member of the SBNS council) and liaised with the other societies coordination of meetings, academic activities and other matters.

I was invited by the Ministry of Health through the Medical Office of the Egyptian Embassy in the UK as a visiting neurosurgical specialist to Sheikh Zayed and Dar Al Fouad Hospitals in Cairo in 2008, 2009 and 2012 where I evaluated patients and performed surgical procedures with colleagues in Egypt. I have examined the MRCS examination in Cairo in 2007, 2008, 2011 and 2012.

I have practiced as a consultant neurosurgeon in Singapore during a sabbatical period (October 2015 – April 2016) from Cambridge to the neurosurgical department in the National University Hospital (NUH) primarily in Khoo Teck Puat hospital.

PUBLICATIONS

1. **Headache after dural puncture.** Whitely SM, Murphy PG, Kirollos RW, Swindells SR. British Medical Journal. 306: 917-918, April 1993.
2. **Adult respiratory distress syndrome following attempted strangulation.** Murphy PG, Jackson R, Kirollos R, Gibson JS, Chennells P. British Journal of Anaesthesia. 70: 583-586, 1993.
3. **Post-traumatic cerebellar infarction.** Tyagi AK, Kirollos RW, Marks PV. British Journal of Neurosurgery. 9 (5): 683-686, 1995.
4. **Cerebellar mutism following posterior fossa tumour surgery.** Jones S, Kirollos R, van Hille P. British Journal of Neurosurgery. 10 (2): 221-224, 1996.
5. **An unusual case of spinal metastasis from a liposarcoma.** Kirollos R, Koutsoubelis G, Ross S, Al Sarraj S. European Journal of Surgical Oncology. 22 (3): 303-305, 1996.
6. **Evaluation of surgery for the tethered cord syndrome using a new grading system.** Kirollos RW, van Hille PT. British Journal of Neurosurgery. 10 (3): 253-260, 1996.
7. **Tuberculous osteitis of the skull: a case report and review of the literature.** Tyagi AK, Kirollos RW, Kang NV. British Journal of Neurosurgery. 10 (4): 399-401, 1996.
8. **Endoscopy-assisted burr hole evacuation of subdural empyema.** Kirollos RW, Tyagi AK, Boles DM. British Journal of Neurosurgery. 10 (4): 395-397, 1996.
9. **Value of early post-operative plain radiography following B.O.P. fusion in cervical spinal surgery.** Millares-Martin P, Ross S, Kirollos R. British Journal of Neurosurgery. 11 (4): 344-345, 1997.
10. **Muslin-induced granuloma following wrapping of intracranial aneurysms - The role of infection as an additional pathology.** Kirollos RW, Tyagi AK, Marks PV, van Hille PT. Acta Neurochirurgica. 139 (5): 411-415, 1997.
11. **A preliminary experimental *in vivo* study of the effect of Photodynamic Therapy on human pituitary adenoma implanted in mice.** Kirollos RW, Marks PV, Igbaseimokumo U, Chakrabarty A. British Journal of Neurosurgery. 12 (2): 140-145, 1998.
12. **The value of MR imaging in differentiating between hard and soft cervical disc disease: a comparison with intraoperative findings.** Sengupta DK, Kirollos R, Findlay GF, Smith ET, Pearson JCG, Pigott T. European Spine Journal. 8 (3): 199-204, 1999.
13. **Primary intradural classic chondrosarcoma: case report and literature review.** Bosma JJD, Kirollos RW, Broome J, Eldridge PR. Neurosurgery. 48 (2): 420-423, 2001.
14. **Management of spontaneous cerebellar haematomas: a prospective treatment protocol.** Kirollos RW, Tyagi AK, Ross SA, van Hille PT, Marks PV. Neurosurgery. 49 (6): 1378-1386, 2001.
15. **Endoscopic treatment of suprasellar and third ventricle-related arachnoid cysts.** Kirollos RW, Javadpour M, May P, Mallucci C. Child's Nervous System. 17 (12): 713-718, 2001.

16. **A 5-year study of the outcome of surgically treated depressed skull fractures.** Al-Haddad SA, Kirollos R. *Annals of the Royal College of Surgeons of England*. 84 (3): 196-200, 2002.
17. **Endovascularly treated cerebral aneurysm using Guglielmi detachable coils acting as a nidus for brain abscess formation secondary to Salmonella bacteremia: case report.** Kirollos RW, Bosma JJ, Radhakrishnan J, Pigott TD. *Neurosurgery*. 51 (1): 234-237, 2002.
18. **Spontaneous pneumocephalus.** Santarius T, Antoun NM, Kirollos RW. *British Medical Journal, Minerva*. 325: 554, 2002.
19. **Lessons to be learnt from the International subarachnoid Haemorrhage Trial (ISAT).** Kirkpatrick PJ, Kirollos RW, Higgins N, Matta B. *British Journal of Neurosurgery*. 17 (1): 5-7, 2003.
20. **Detection and evaluation of intracranial aneurysms with 16-row multislice CT angiography.** Tipper G, U-King-Im JM, Price SJ, Trivedi RA, Cross JJ, Higgins NJ, Farmer R, Wat J, Kirollos R, Kirkpatrick PJ, Antoun NM, Gillard JH. *Clinical Radiology*. 60 (5): 565-572, 2005.
21. **Ruptured Berry Aneurysms: clip or coil?** Marcus H, Kirollos R. *The Internet Journal of Neurosurgery*. 3 (2), 2006.
22. **Sporadic malignant nerve sheath tumour of the oculomotor nerve.** Santarius T, Chia HL, Xuereb JH, Kirollos RW. *Acta neurochirurgica (Wien)*. 149 (6): 617-622, 2007.
23. **Tumefactive demyelinating lesion.** Guilfoyle MR, Kirollos RW. *Neurology*. 68 (24): 2155, 2007.
24. **Papillary tumour of the pineal region.** Santarius T, Joseph JA, Tsang KT, O'Donovan DG, Kirollos RW. *British Journal of Neurosurgery*. 22(1): 116-120, 2008.
25. **Impact of brain biopsy on the management of patients with nonneoplastic undiagnosed neurological disorders.** Pulhorn H, Quigley DG, Bosma JJ, Kirollos R, DU Plessis DG, Jenkinson MD. *Neurosurgery*. 62(4): 833-837, 2008.
26. **A Second Biopsy? – Tandem Lesion.** Ganesan D, Dean Af, Antoun N, Kirollos RW. *Acta Neurochirurgica (Wien)*. 150(5): 501-503, 2008.
27. **Radiotherapy as an adjuvant in the management of intracranial meningiomas: are we practicing evidence-based medicine?** Marcus HJ, Price SJ, Wilby M, Santarius T, Kirollos RW. *British Journal of Neurosurgery*. 22(4): 520-8, 2008 Aug. Review.
28. **Transient Broca's Aphasia as feature of an extradural abscess.** Comondoor R, Eisenhut M, Fowler C, Kirollos RW, Nathwani N. *Pediatr Neurol*. 40(1): 50-3, 2009 Jan.
29. **Paraganglioma of cauda equine.** Iliadis C, Kirgiannis K, Wozniak G, Vlychou M, Santarius T, Kirollos RW. *Neurol Neurochir Pol*. 42(5): 463-466, 2008 September-October.
30. **Considerations in the Management of Cerebral Arterio-Venous Malformations.** Trivedi R, Kirollos R, Whitfield P. *ACNR July/August 2009*; 9(3): 26-29.
31. **Intracranial Arteriovenous Malformations.** Weerakkody RA, Trivedi R, Santarius T, Kirollos RW. *British Journal of Neurosurgery*. 21:1-5. 2009 Aug.

32. **Use of drains versus no drains after burr-hole evacuation of chronic subdural haematoma: a randomised controlled trial.** Santarius T, Kirkpatrick PJ, Ganesan D, Chia HL, Jalloh I, Smielewski P, Richards HK, Marcus H, Parker RA, Price SJ, Kirollos RW, Pickard JD, Hutchinson PJ. *Lancet*. 2009 Sep 26;374(9695):1067-73.
33. **Management of arteriovenous malformations (AVMs) presenting with intracranial haemorrhage: the role of subacute resection.** Marcus H, Weerakkody RA, Trivedi R, Santarius T, Kirollos R. *British Journal of Neurosurgery*. 2010 Feb;24(1):95.
34. **The role of external drains and peritoneal conduits in the treatment of recurrent chronic subdural hematoma.** Santarius T, Qureshi HU, Sivakumaran R, Kirkpatrick PJ, Kirollos RW, Hutchinson PJ. *World Neurosurg*. 2010 Jun;73(6):747-50.
35. **Causes of neurological deficits following of clipping 200 consecutive ruptured aneurysms in patients with good-grade aneurysmal subarachnoid hemorrhage.** Bulters DO, Santarius T, Chia HL, Parker RA, Trivedi R, Kirkpatrick PJ, Kirollos RW. *Acta neurochirurgica (Wien)*. 2011 Feb; 153(2):295-303.
36. **Intra-abdominal metastasis of an intracranial germinoma via ventriculo-peritoneal shunt in a 13-year-old female.** Murray MJ, Metayer LE, Mallucci CL, Hale JP, Nicholson JC, Kirollos RW, Burke GA. *British Journal of Neurosurgery*. 2011 Dec;25(6):747-9.
37. **Temozolomide responsiveness in aggressive corticotroph tumours: a case report and review of the literature.** Annamalai AK, Dean AF, Kandasamy N, Kovacs K, Burton H, Halsall DJ, Shaw AS, Antoun NM, Cheow HK, Kirollos RW, Pickard JD, Simpson HL, Jefferies SJ, Burnet NG, Gurnell M. *Pituitary*. 2012 Sep;15(3):276-87.
38. **A mathematical model of utility for single screening of asymptomatic unruptured intracranial aneurysms at the age of 50 years.** Li LM, Bulters DO, Kirollos RW. *Acta Neurochir (Wien)*. 2012 Jul;154(7):1145-52.
39. **Bochdalek's flower basket: applied neuroimaging morphometry and variants of choroid plexus in the cerebellopontine angles.** Horsburgh A, Kirollos RW, Massoud TF. *Neuroradiology*. 2012 Dec;54(12):1341-6.
40. **How I do it-pineal surgery: supracerebellar infratentorial versus occipital transtentorial.** Hart MG, Santarius T, Kirollos RW. *Acta Neurochir (Wien)*. 2013 Mar;155(3):463-7.
41. **Role of surgery, radiotherapy and chemotherapy in papillary tumors of the pineal region: a multicenter study.** Fauchon F, Hasselblatt M, Jouvett A, Champier J, Popovic M, Kirollos R, Santarius T, Amemiya S, Kumabe T, Frappaz D, Lonjon M, Fèvre Montange M, Vasiljevic A. *J Neurooncol*. 2013 Apr;112(2):223-31.
42. **Ophthalmological outcome after resection of tumors based on the pineal gland.** Hart MG, Sarkies NJ, Santarius T, Kirollos RW. *J Neurosurg*. 2013 Aug;119(2):420-6.
43. **Tuber Cinereum Proximity to Critical Major Arteries: A Morphometric Imaging Analysis Relevant to Endoscopic Third Ventriculostomy.** Horsburgh A, Matys T, Kirollos RW, Massoud TF. *Acta Neurochir (Wien)*. 2013 May;155(5):891-900.
44. **Interpreting head CT scans.** Marcus A, Marcus H, Kirollos R. *Students BMJ* 2013; 21:f871

45. **No Significant Displacement of Basal Brain Structures upon Head Movement: Kinematic MRI Morphometry Relevant to Neuroendoscopy.** Horsburgh A, Kirollos RW, Massoud TF. *J Neurol Surg A Cent Eur Neurosurg.* 2014 Mar;75(2):98-103.
46. **The Aqueduct of Sylvius: Applied 3T MRI Anatomy and Morphometry with Neuroendoscopic Relevance.** Matys T, Horsburgh A, Kirollos RW, Massoud TF. Matys T, Horsburgh A, **Kirollos RW**, Massoud TF. *Neurosurgery.* 2013 Dec;73 Suppl Operative 2:132-40
47. **Image guided resection of sphenoidal skull base meningiomas with predominant intra-osseous component.** Marcus HJ, Schwindack CF, Nagaraju S, Santarius T, Mannion R and Kirollos RW. *Acta Neurochir (Wien).* 2013 Jun;155(6):981-8.
48. **Recovery of oculomotor nerve palsy secondary to posterior communicating artery aneurysms.** Patel K, Guilfoyle MR, Bulters D, Kirollos R, Antoun NM, Higgins JNP, Kirkpatrick PJ, Trivedi R. *British Journal of Neurosurgery.* 2014 Aug;28(4):483-7
49. **The pathophysiology and treatment of delayed cerebral ischaemia following subarachnoid haemorrhage.** Budohoski KP, Guilfoyle M, Helmy A, Huuskonen T, Czosnyka M, Kirollos R, Menon DK, Pickard JD, Kirkpatrick PJ. *Journal of Neurology, Neurosurgery and Psychiatry.* 2014 May 20
50. **Alternative cost-effective method to record 3D intra-operative images: A technical note.** Barone DG, Ban VS, Kirollos RW, Trivedi RA, Bulters DO, Ribas GC, Santarius T. *British Journal of Neurosurgery* 2014 Jun 27:1-2.
51. **Neurosurgical Endoscopic Training via a Realistic 3-Dimensional Model With Pathology.** Waran V, Narayanan V, Karuppiah R, Thambynayagam HC, Muthusamy KA, Rahman ZA, **Kirollos RW**. *Simul Healthc.* 2015 Feb;10(1):43-8.
52. **Surgical Disconnection of the Cortical Venous Reflux for High-Grade Intracranial Dural Arteriovenous Fistulas.** Al-Mahfoudh R, **Kirollos R**, Mitchell P, Lee M, Nahser H, Javadpour M. *World Neurosurg.* 2015 Apr;83(4):652-6.
53. **No 5-ALA fluorescence seen in a recurrent papillary tumour of the pineal region (PTPR).** Sun IS, **Kirollos R**, Santarius T. *Acta Neurochir (Wien).* 2015 Feb;157(2):215-6.
54. **Pharmacological management of subarachnoid hemorrhage.** Young AM, Karri SK, Helmy A, Budohoski KP, **Kirollos RW**, Bulters DO, Kirkpatrick PJ, Ogilvy CS, Trivedi RA. *World Neurosurg.* 2015 Jul;84(1):28-35.
55. **David Price: Neurosurgeon, teacher and pioneer of digital intracranial monitoring.** Czosnyka M, Kirollos RW, van Hille PT. *British Journal of Neurosurgery* 2015 Jun;29(3):312-3.
56. **Bicoronal frontobasal approach with a limited, midline orbital bar osteotomy –a technical note.** Patel K, Koliass AG, Kirollos RW. *British Journal of Neurosurgery,* 2016 Feb;30(1):104-5.
57. **Outcome of microsurgical excision of unruptured brain arteriovenous malformations in ARUBA-eligible patients.** Javadpour M, Al Mahfoudh R, Mitchell PS, Kirollos R. *British Journal of Neurosurgery* 2016 Dec;30(6):619-622.
58. **The impact of major trauma centre implementation on the pathways and outcome of traumatic intracranial extradural haematoma in a regional centre.**

- Moon RDC, Mutwakil A, Koliass AG, Krunal P, Kirollos R, Hutchinson P, Timofeev I. *British Journal of Neurosurgery*. 2016 May 24;1-4.
59. **A quest towards personalised medicine for grade II meningiomas: will need to zoom in.** Editorial. Santarius T, Kirollos RW, Jenkinson MD. *Acta Neurochirurgica (Wien)*. 2016 May;158(5):931-2.
60. **Body mass index and the risk of post-operative cerebrospinal fluid leak following transsphenoidal surgery in an Asian population.** Sun I, Lim JX, Goh CP, Low SW, Kirollos R, Tan CS, Lwin S, Chou N, Yeo TT. *Singapore Medical Journal*. Singapore Med J. 2016 Sep 22.
61. **Concomitant primary CNS lymphoma and FSH-pituitary adenoma arising within the sella. Entirely coincidental?** Ban VS, Chaudhary BR, Allinson K, Santarius T, Kirollos RW. *Neurosurgery* 2017 Jan 1;80(1): E170-E175.
62. **Clinical experience and results of microsurgical resection of arteriovenous malformation in the presence of space-occupying intracerebral hematoma.** Barone DG, Marcus HJ, Guilfoyle MR, Higgins JNP, Antoun N, Santarius T, Trivedi RA, Kirollos RW. *Neurosurgery* 2017 Jul 1;81(1):75-86.
63. **Volumetric growth rates of meningioma and its correlation with histological diagnosis and clinical outcome: a systematic review.** Fountain DM, Soon WC, Matys T, Guilfoyle MR, Kirollos R, Santarius T. *Acta Neurochir (Wien)*. 2017 Mar;159(3):435-445.
64. **The Effect of 3-Dimensional Simulation on Neurosurgical Skill Acquisition and Surgical Performance: A Review of the Literature.** Clark AD, Barone DG, Candy N, Guilfoyle M, Budohoski K, Hofmann R, Santarius T, Kirollos R, Trivedi RA. *Journal of Surgical Education J Surg Educ*. 2017 Sep - Oct;74(5):828-836.
65. **Tablets at the bedside - iPad-based visual field test used in the diagnosis of Intrasellar Haemangiopericytoma: a case report.** Nesaratnam N, Thomas PBM, Kirollos R, Vingrys AJ, Kong GYX, Martin KR. *BMC Ophthalmol*. 2017 Apr 24;17(1):53.
66. **Results of transcranial resection of olfactory groove meningiomas in relation to imaging-based case selection criteria for the endoscopic approach.** Patel K, Koliass AG, Santarius T, Mannion R, Kirollos RW. *In press*, *Operative Neurosurgery*.
67. **Correlation of Volumetric Growth and Histological Grade in 50 Meningiomas.** Soon WC, Fountain DM, Koczyk K, Abdulla M, Giri S, Allinson K, Matys T, Guilfoyle MR, Kirollos RW, Santarius T. *Acta Neurochir (Wien)*. 2017 Nov;159(11):2169-2177.
68. **Methodological shortcomings in the literature evaluating the role and applications of 3D training for surgical trainees.** Kostusiak M, Hart M, Barone DG, Hofmann R, Kirollos R, Santarius T, Trivedi R. *Journal: Medical Teacher (IMTE) Med Teach*. 2017 Nov;39(11):1168-1173.
69. **An integrated genomic analysis of anaplastic meningioma identifies prognostic molecular signatures.** Collord G, Tarpey P, Kurbatova N, Martincorena I, Moran S, Castro M, Nagy T, Bignell G, Maura F, Berna J, Tubio JM, McMurrin CE, Young AMH, Young MD, Noorani I, Price SJ, Watts C, Leipnitz E, Kirsch M, Schackert G, Pearson D, Devadass A, Zvi Ram, Collins VP, Allinson K, Jenkinson M, Zakaria R, Syed K, Hanemann CO, Dunn, McDermott JM, Kirollos R, Vassiliou GS, Esteller M, Behjati S, Brazma A, Santarius T, McDermott U. Submitted to *Nature Genetics*.
70. **Remodeling of the feeding arterial system after surgery for resection of brain arteriovenous malformations. An observational study.** Morgan MK, Guilfoyle M, Kirollos R, Heller GZ. *Neurosurgery*. 2018 Mar 12.

71. **Intradural Spinal Arteriovenous Malformation of the Conus Medullaris—Management Strategies and Surgical Nuances: 3-Dimensional Video.** Budohoski KP, Patel K, Guilfoyle MR, Barone DG, Sethi M, **Kirollos RW**, Higgins NJ, Santarius T, Trivedi RA. *Operative Neurosurgery* (Hagerstown). 2017 Sep 15.
72. **Radical, Staged Approach to Extensive Posterior Fossa Pediatric Ependymoma: 3-Dimensional Operative Video.** Budohoski KP, Guilfoyle MR, Barone DG, **Kirollos RW**, Trivedi RA, Santarius T. *Operative Neurosurgery* (Hagerstown). 2017 Sep 29.
73. **Stereoscopic Three-Dimensional Neuroanatomy Lectures Enhance Neurosurgical Training: Prospective Comparison to Traditional Teaching.** Clark AD, Guilfoyle MR, Candy NG, Budohoski KP, Hofmann R, Barone DG, Santarius T, **Kirollos RW**, Trivedi RA. *World Neurosurgery* 2017 Dec;108:917-923.
74. **Antero-lateral approach for central thoracic disc prolapse - surgical strategies used to tackle differing operative findings: 3-dimensional operative video.** Patel K, Budohoski KP, Kenyon ORP, Barone DG, Santarius T, **Kirollos RW**, Mannion RJ, Trivedi RA. *Operative Neurosurgery Oper Neurosurg* (Hagerstown). 2018 Apr 2.
75. **Type I Spinal Dural Fistula treated using a minimally invasive approach with a 20mm non-expandable tubular retractor - 3 dimensional operative video.** Patel K, McMillen J, **Kirollos RW**, Budohoski KP, Santarius T, Trivedi RA. *Operative Neurosurgery Oper Neurosurg* (Hagerstown). 2018 Mar 8.
76. **Microsurgical Clipping of an Ophthalmic Artery Aneurysm With a Limited Intradural Anterior Craniotomy: 3-Dimensional Operative Video.** Patel K, **Kirollos RW**, Kenyon O, Santarius T, Kirkpatrick PJ, Trivedi RA. *Operative Neurosurgery* (Hagerstown). 2018 Mar 3.
77. **Effectiveness of Cadaveric Simulation in Neurosurgical Training: a review of the literature.** Sujit Gnanakumar, BA (Hons); Milosz Kostusiak; Karol P Budohoski; Damiano Barone; Valentina Pizzuti; Ramez Kirollos; Thomas Santarius; Rikin Trivedi. *Submitted to World Neurosurgery.*
78. **The use of a microscope integrated three-dimensional (3D) camera display system as a valuable aid in delivering human anatomy workshops.** Kostusiak M, Gnanakumar S, Hart M, Barone D, Brassett C, Kirollos R, Santarius T, Trivedi R. *Submitted to Medical Teacher.*
79. **Predictors of early progression of surgically treated atypical meningiomas.** Budohoski KP, Clerkin J, Millward C, O'Halloran P, Waqar M, Looby S, Young A, Guilfoyle M, Fitzrol D, Devadass A, Allinson K, Farrell M, Javadpour M, Jenkinson M, Santarius T, Kirollos R. *In press Acta Neurochirurgica.*

PRESENTATIONS AT SCIENTIFIC MEETINGS

1. **The infratentorial supracerebellar approach to pineal region tumours: an analysis of seven cases.** Kirollos RW, Marks PV. Poster presentation at the Postgraduate Day - The General Infirmary at Leeds, April 1993.
2. **Operative treatment of the tethered cord syndrome: evaluation and early morbidity.** Kirollos RW, van Hille PT. Presented at the Society of British Neurological Surgeons meeting - Dundee, September 1994; Journal of Neurology, Neurosurgery, and Psychiatry. (Abstract). 58: 116-124, 1995.
3. **The importance of intraventricular haemorrhage in outcome and complications of brain trauma.** Kirollos RW, Tyagi A, Ross SA, Straiton J. Presented at the 10th European Congress of Neurosurgery - Berlin, Germany, May 1995.
4. **Management of spontaneous cerebellar haematomas based on fourth ventricular appearance on CT scan.** Kirollos RW, Tyagi AK, Ross SA, van Hille PT, Marks PV. Presented at the joint meeting of the Society of British Neurological Surgeons and Deutsche Gesellschaft fur Neurochirurgie - Hanover, Germany, September 1996 (Presented by the second author)
5. **Histological changes induced by Photodynamic Therapy in human pituitary adenoma implanted into nude mice.** Kirollos RW, Marks PV, Igbaseimokumo U, Bridges L. Presented at the joint meeting of the Society of British Neurological Surgeons and the American Neurosurgical Society - Cambridge, UK, April 1997; British Journal of Neurosurgery. (Abstract). 11 (5): 455-487, 1997.
6. **Photodynamic therapy of pituitary adenoma: a histological analysis of light dose effect.** Kirollos RW, Igbaseimokumo U, Marks PV, Chakrabarty A. Presented at the 40th Annual Meeting of the Research Society of Neurological Surgeons - Jackson, Mississippi, USA, 18th-21st June 1997. (Presented by the second author).
7. **Evaluation of Photodynamic therapy as an adjuvant cytotoxic agent in the treatment of pituitary adenoma: an experimental study.** Poster presentation at the Annual Meeting of the Association of Physicians of Great Britain & Ireland - Leeds, UK, 2nd-3rd April 1998.
8. **An experimental model for treatment of pituitary adenoma transplanted in nude mice.** Poster presentation at the Annual Meeting of the Association of Physicians of Great Britain & Ireland - Leeds, UK, 2nd-3rd April 1998.
9. **Aneurysmal intracerebral haematomas: outcome of surgical management.** Tyagi AK, Porter D, Kirollos RW, Ross SA, van Hille PT. Presented at the 11th European Congress of Neurosurgery - Copenhagen, Denmark, September 1999.
10. **The predictability of cervical disc consistency on MR imaging.** Sengupta DK, Kirollos R, Findlay GF, Smith ET, Pearson JCG, Pigott T. Poster presentation at the EuroSpine '99 meeting of the Spine Society of Europe - Munich, Germany, September 1999.
11. **Dermoids.** Brodbelt AB, Kirollos RW, May PL, Mallucci C. Presented at the World Conference of Paediatric Neurosurgery - Martinique, November-December 1999.
12. **Neuroendoscopic treatment of suprasellar and third ventricular arachnoid cysts.** Kirollos RW, Javadpour M, Golash A, May P, Mallucci C. Presented at Hydrocephalus - Beyond 2000 meeting - Sydney, Australia, 8-10th March 2000 (Presented by the second author).

13. **The role of radical surgical resection of primary and recurrent skull base meningiomas with large extracranial extension.** Kirollos RW, Gentili F. Presented at the Society of British Neurological Surgeons meeting - Glasgow, April 2000. *British Journal of Neurosurgery*. (Abstract). 14 (3): 273-293, 2000.
14. **Midline supratentorial arachnoid cysts: endoscopic treatment.** Kirollos R, Golash A, Javadpour M, May P, Mallucci C. Presented at the XVII Congress of the European Society for Pediatric Neurosurgery - Graz, Austria, 17-21 June 2000. (Presented by the second author); *Child's Nervous System*. (Abstract). 16 (6): 367-387, 2000.
15. **Combined endoscopic cystoventriculostomy and cystocisternostomy for the treatment of III ventricle-related arachnoid cysts.** Kirollos RW, Javadpour M, Golash A, Mallucci C. Presented at the 28th annual meeting of the International Society for Pediatric Neurosurgery – Istanbul Turkey, October 2000.
16. **Pathological and functional status analysis of transbasal meningiomas.** Sanoreneos S, Gentili F, Kirollos RW. Presented at the 12th annual meeting of the North American Skull Base Society – Orlando, Florida, USA January 2001.
17. **Depressed skull fractures past and present.** Al-Haddad SA, Kirollos R. Presented at the 139th meeting of the Society of British Neurological Surgeons - London, September 2001. *British Journal of Neurosurgery*. (Abstract). 16 (4): 403-417, 2002.
18. **The supplementary motor area deficiency syndrome.** Watts C, Price S, Waters A, Kirollos R. Presented at 142nd meeting of the Society of British Neurological Surgeons – Belfast, April 2003. *British Journal of Neurosurgery*. (Abstract). 17 (4): 372–394, 2003.
19. **Interpreting ISAT – words of caution from a multidisciplinary neurovascular team.** Kirkpatrick P, Higgins N, Kirollos R. Presented at 142nd meeting of the Society of British Neurological Surgeons - Belfast, April 2003. *British Journal of Neurosurgery*, (Abstract), 17 (4): 372–394, 2003.
20. **Utility of 16 slice CT angiography in the assessment and endovascular management of acute subarachnoid haemorrhage.** Tipper G, Gillard J, Higgins JN, Antoun N, Cross J, Kirkpatrick P, Kirollos R. Presented at the annual scientific meeting of the British Society of Neuroradiologists – Amsterdam, Netherland, October 2003.
21. **Causes of postoperative neurological deficits following surgery for good grade aneurysmal subarachnoid haemorrhage.** Santarius, T, Trivedi R, Howarth SPS, Kirkpatrick PJ, Kirollos RW. Presented at 146th meeting of the Society of British Neurological Surgeons - Edinburgh, April 2005; *British Journal of Neurosurgery*. (Abstract). 19 (3): 268-287, 2005.
22. **The impact of non-dominant frontal lobe biopsy in the management of undiagnosed neurological conditions.** Pulhorn H, Quigley D, Bosma JJD, Jenkinson M, Kirollos RW. Presented at 146th meeting of the Society of British Neurological Surgeons - Edinburgh, April 2005; *British Journal of Neurosurgery*. (Abstract). 19 (3): 268-287, 2005.
23. **Cambridge Chronic Subdural Haematoma Trial: Does temporary post-operative subdural drainage reduce the recurrence rate?** Ganesan D, Santarius T, Chia HL, Tsang K, Price SJ, Kirollos RW, Kirkpatrick PJ, Hutchinson PJ. Presented at the BNRG meeting - Hurstwood Park, 2006 (**Winner of the Poster Prize**).

24. **Surgical morbidity associated with aneurysm surgery in 208 patients with good grade subarachnoid hemorrhage.** Santarius, T, Chia HL, Kirkpatrick PJ, Kirollos RW. Presented at the Congress of Neurological Surgeons (CNS) meeting - Chicago, USA, October 2006.
25. **Technical note: Image-guided resection of intra-osseous skull base meningiomas.** Schwindack CF, Marcus HJ, Santarius T, Kirollos RW. Presented at the European Congress of Neurosurgery (EANS) – Glasgow, 2-7 September 2007.
26. **An audit of a single surgical practice for arteriovenous malformations.** Trivedi R, Weerakakody R, Kirollos R. Presented at the European Congress of Neurosurgery (EANS) – Glasgow, 2-7 September 2007.
27. **The role of image-guidance in radical skull base bone resection for intra-osseous sheno-orbital meningiomas.** Marcus HJ, Schwindack CF, Santarius T, Kirollos RW. Presented at the annual meeting of British Skull Base Society - London, January 2008.
28. **The use of post-operative drainage in the treatment of recurrent chronic subdural haematomas is associated with reduced re-operation rate.** Sivakumaran R, Santarius T, Quereshi H, Kirollos RW, Hutchinson PJ. Presented at the 152nd meeting of the Society of British Neurological Surgeons – Liverpool April 2008. *British Journal of Neurosurgery*. (Abstract). 22 (4): 463–483, 2008.
29. **Adjuvant radiotherapy for intracranial meningiomas: a survey of British neurosurgical opinion.** Marcus HJ, Price SJ, Wilby M, Santarius T, Kirollos RW. Presented at the 152nd meeting of the Society of British Neurological Surgeons – Liverpool April 2008. *British Journal of Neurosurgery*. (Abstract). 22 (4): 463–483, 2008.
30. **Randomised controlled trial of the use of drains versus no drains after burr hole evacuation of chronic subdural hematoma.** Santarius T, Kirkpatrick PJ, Ganesan D, Chia HL, Jalloh I, Richards HK, Marcus H, Smielewski P, Price SJ, Kirollos RW, Hutchinson PJ. Presented at the Society of British Neurological Surgeons meeting - Birmingham, 2009 (**Winner of the Codman Prize for the Best Oral Presentation**) (**Winner of the CNS Resident Award**). *British Journal of Neurosurgery*. (Abstract). 23(2): 111–135., 2009.
31. **ICG Angiography: quality assurance for neurovascular surgery.** Trivedi RA, Santarius T, Kirollos RW, Kirkpatrick PJ. Presented at the Society of British Neurological Surgeons 154th meeting - Dublin, 2009. *British Journal of Neurosurgery*. (Abstract). 23(5): 491–493, 2009.
32. **Temozolomide-induced regression of hepatic metastases in a pituitary corticotroph carcinoma with low O⁶-methylguanine-DNA methyltransferase expression.** Hannah Burton, Anand K Annamalai, Andrew Dean, Kalman Kovacs, Nagui Antoun, Ramez W Kirollos, Helen L Simpson, Sarah J Jeffries, Neil G Burnet & Mark Gurnell. Presented at the Society for Endocrinology / British Endocrine Societies meeting - Manchester, UK, 15 March 2010 - 18 March 2010.
33. **Resection of supratentorial intraventricular meningiomas: Anatomical considerations and outcome.** Alavi SA, Kirollos RW. Presented at the Society of British Neurological Surgeons meeting - Cambridge, March 2010. *British Journal of Neurosurgery* (Abstract), 24 (2): 108-147, April 2010.

34. **Surgical treatment of previously coiled cerebral aneurysms: Experience and lessons learned from 18 cases.** Guilfoyle MR, Thomson S, Waters A, Kirkpatrick PJ, Kirollos RW. Presented at the Society of British Neurological Surgeons meeting - Cambridge, March 2010. *British Journal of Neurosurgery (Abstract)*, 24 (2): 108-147, April 2010.
35. **The aqueduct of Sylvius: 3T MR imaging anatomy and morphometry with neuroendoscopic relevance.** Horsburgh A, Kirollos R, Massoud TF. Presented at the Clinical Radiology Annual Society Meeting, London, September 2011.
36. **Bochdalek's flower basket: A cornucopia of anatomical variants on neuroimaging and surgical implications for the choroid plexus of the fourth ventricle.** Horsburgh A, Kirollos R, Massoud TF. Presented at the Clinical Radiology Annual Society Meeting, London, September 2011.
37. **Foramen of Monro: Applied imaging anatomy and morphometry at 3T MRI.** Horsburgh A, Kirollos R, Massoud TF. Presented at the 35th Annual Meeting of the European Society of Neuroradiology, Antwerp, September 2011.
38. **The aqueduct of 'Sylvius': 3T MR imaging anatomy and morphometry with neuroendoscopic relevance, and a historical review.** Horsburgh A, Kirollos R, Massoud TF. Presented at the 35th Annual Meeting of the European Society of Neuroradiology, Antwerp, September 2011.
39. **Recovery of Oculomotor nerve palsy secondary to Posterior Communicating artery aneurysms.** Patel K, Guilfoyle MR, Bulters DO, Kirollos RW, Antoun NM, Higgins JN, Kirkpatrick PJ, Trivedi R. Presented at the Society of British Neurological Surgeons meeting - Brighton, September 2011. *British Journal of Neurosurgery (Abstract)*, 25 (5): 544-579, October 2011.
40. **Bochdalek's flower basket: A cornucopia of anatomical variants on neuroimaging and surgical implications for the choroid plexus of the fourth ventricle.** Horsburgh A, Kirollos R, Massoud TF. Presented at the British Society of Neuroradiologists Annual Conference, Newcastle, October 2011.
41. **The diverse spectrum of non-islet cell tumour-induced hypoglycaemia (NICTH) – 3 case reports.** Kumareswaran K, Curran S, Thomas M, Kirollos R, Jefferies S, Melvin A, Wark G, Orskov H, Frystyk J, Sonksen P, Russell-Jones D, Corrie P, Halsall D, Simpson HL. Presented at the American Endocrine Society Annual meeting 2011.
42. **Management of Intracranial haemorrhage secondary to AVM/DAVF.** Barone D.G, Marcus H, Santarius T, Antoun N, Trivedi R.A, Kirollos R.W. Presented at the British Neurovascular Group (BNVG) 3rd Annual Meeting - Southampton February 2012.
43. **Planning of safe endoscopic third ventriculostomy: A morphometric MRI and MRA study of tuber cinereum proximity to critical major arteries.** Horsburgh A, Kirollos R, Massoud TF. Presented at the 50th Annual Meeting of the American Society of Neuroradiology, New York, April 2012.
44. **Displacement of basal brain structures upon flexion and extension: Kinematic MRI morphometry and relevance to neuroendoscopic procedures.** Horsburgh A, Kirollos R, Massoud TF. Presented at the 50th Annual Meeting of the American Society of Neuroradiology, New York, April 2012.

45. **The value of an ICH cavity in the management and timing of the microsurgical resection of AVM/DAVF.** D. G. Barone, H. Marcus, T. Santarius, N. Antoun, R. A. Trivedi, R. W. Kirollos. Presented at the Society of British Neurological Surgeons meeting - Aberdeen 18-20 April 2012. *British Journal of Neurosurgery*. (Abstract). 26(2): 148, 2012.
46. **The use of a stereoscopic camera for recording of microsurgical operations – a four-year experience.** D. G. Barone, V. S. Ban, R.W. Kirollos, D. O. Bulters, T. Santarius. Presented at the Society of British Neurological Surgeons meeting - Aberdeen 18-20 April 2012. *British Journal of Neurosurgery*. (Abstract). 26(2): 153, 2012.
47. **Paediatric brain and spinal tumour resection & morbidity rates 2008-2011.** Chapman S, Patel K, Kirollos RW, Garnet MR, Fernandes HF. Presented at the Society of British Neurological Surgeons meeting - Aberdeen 18-20 April 2012. *British Journal of Neurosurgery* (Abstract), 26 (2): 153, 2012.
48. **Using MRI and Functional Imaging to Identify Metabolically Active Residual Pituitary Tumor in Patients with Acromegaly.** Mannion, R., Donnelly, N., Pickard, J., Patel, P., Tysome, J., Kirollos, R., & Gurnell, M. Presented at the 6th International Congress of the World Federation of Skull Base Societies – Brighton, UK 16-19 May 2012. *Journal of Neurological Surgery Part B: Skull Base*, 73(S 02), A139.
49. **Anatomical Relationship between the Vertebrobasilar Junction and the Sphenoid sinus: An MRI Morphometric and Cadaveric Study of Endoscopic, Transsphenoidal, and Transclival Approaches to the Prepontine Cistern.** Barone D.G., Mannion R.J., Massoud A., Massoud T., Donnelly N., Patel P., Kirollos, R., Tysome J., Prevedello D., Carrau R., Kassam A. Presented at the 6th International Congress of the World Federation of Skull Base Societies – Brighton, UK 16-19 May 2012. *Journal of Neurological Surgery–Part B*. (Abstract). Vol.73, Suppl.B2/2012, p.157.
50. **The use of a stereoscopic camera for recording of microsurgical operations – a four-year experience.** Barone D.G., Ban V.S., Kirollos R.W., Bulters D.O., Santarius T. Presented at the Joint Meeting Swiss and British Societies of Neurosurgery (SSN-SBNS) – Lugano, Switzerland 7-8/ June 2012. *Journal of Neurological Surgery–Part A*. (Abstract), Vol.73, Number A3, May 2012, p.157.
51. **A Liquefying Haematoma cavity facilitates the microsurgical resection of AVMs or DAVFs.** D. G. Barone, H. Marcus, T. Santarius, N. Antoun, R. A. Trivedi, R. W. Kirollos. Presented at the 1st World AVM Congress – Edinburgh, UK 18-19 September 2012.
52. **The utility of digital subtraction angiography for long-term follow-up of coiled aneurysms.** Jones R, Helmy A, Barone D, Guilfyole MR, Higgins JNP, Kirollos RW, Kirkpatrick PJ. Presented at the Society of British Neurological Surgeons meeting – Leeds, September 2012. *British Journal of Neurosurgery* (Abstract), 26(5): 596–629, 2012.
53. **Ophthalmological outcome after resection of pineal gland tumours.** Hart MG, Sarkies N, Santarius T, Kirollos R. Presented at the Society of British Neurological Surgeons meeting – Leeds, September 2012. *British Journal of Neurosurgery* (Abstract), 26(5): 596–629, 2012.

54. **Subarachnoid haemorrhage – when to stop investigating?** Chaudhary BR, Ansari A, Chumas L, Kirollos RW, Trivedi R. Poster presentation at the Society of British Neurological Surgeons meeting – Leeds, September 2012. British Journal of Neurosurgery (Abstract), 26(5): 596–629, 2012.
55. **Operative Treatment of Primary Cranial Vault Lymphoma. Less is More?** Dyson EW, Guilfoyle MR, Kirollos RW. Poster presentation at the Association for Cancer Surgery Scientific Conference - British Association of Surgical Oncology (BASCO) Annual Conference - Royal College of Surgeons of England, London, 19th & 20th November 2012. Eur J Surg Oncol (Abstract), 38 (11): p1128, 2012.
56. **Ophthalmological deficits and quality of life after resection of tumours based on the pineal gland.** Kirollos R, Hart MG, Sarkies N, Santarius T. Presented at the 3rd International CNS Germ Cell Tumour Symposium – Cambridge, England, 17th-20th April 2013.
57. **Ophthalmological outcome after resection of tumours based on the pineal gland.** Hart MG, Sarkies N, Santarius T, Kirollos R. Presented at the 11th European Neuro-Ophthalmology Society Meeting (EUNOS 2013 Conference) – Oxford, April 2013.
58. **Foramina of Monro: A new look at 3D spatial configuration based on multiplanar 3T MRI morphometry relevant to neuroendoscopy.** Tomasz Matys, Avril Horsburgh, Ramez W. Kirollos, Nagui Antoun, Tarik F. Massoud. American Society of Neuroradiology (ASNR) meeting - San Diego, USA, May 2013.
59. **The subfrontal neuroendoscopic approach to the anterior wall of the third ventricle: An applied 3T MRI morphometric study.** Tomasz Matys, Avril Horsburgh, Ramez W. Kirollos, Nagui Antoun, Tarik F. Massoud. American Society of Neuroradiology (ASNR) meeting - San Diego, USA, May 2013.
60. **The aqueduct of Sylvius: 3T MRI morphology and morphometry with neuroendoscopic relevance.** Tomasz Matys, Avril Horsburgh, Ramez W. Kirollos, Nagui Antoun, Tarik F. Massoud. American Society of Neuroradiology (ASNR) meeting - San Diego, USA, May 2013.
61. **True tentorial meningeal tumours: heterogenous operative approaches with common surgical aims.** Kirollos RW, Helmy A. Poster presentation at the Society of British Neurological Surgeons meeting – London, April 2014.
62. **Evaluation of the WHO 2007 grading for atypical meningiomas in predicting tumour behavior and early recurrence.** Fitzrol DN, Santarius T, Dean A, Kirollos RW. Poster presentation at the Society of British Neurological Surgeons meeting – London, April 2014.
63. **Need for further intervention following pituitary adenoma surgery using microscopic or endoscopic approaches.** Sabir LR, Pickard JD, Kirollos RW, Gurnell M, Mannion R. Presented at the Society of British Neurological Surgeons meeting – London, April 2014. British Journal of Neurosurgery (Abstract), 28(2): 142–180, 2014.
64. **Results of microsurgical resection of Arteriovenous Malformations (AVM) in the presence of space-occupying intracerebral haematoma (ICH).** Kirollos RW, Barone D, Marcus H, Santarius T, Trivedi RA. Presented at the 2nd Annual Meeting of the EANS Vascular Section. Nice, France, 2-3 September 2014.
65. **Skull base approaches to tentorial meningeal tumours.** Helmy A. Kirollos R. Presented at the annual meeting of British Skull Base Society - Dublin, January 2015.
66. **Single surgeon case series of transcranial resection of olfactory groove meningiomas – Is there an alternative approach?** Patel K, Koliass A. Kirollos R. Presented at the annual meeting of British Skull Base Society - Dublin, January 2015.

67. **Microsurgical excision of unruptured brain AVMs – Should we change our practice following ARUBA?** Javadpour M, Tambirajoo K, Al-Mahfoudh R, Kirollos R. Presented at the British Neurovascular Group (BNVG) 6th Annual Meeting – East Sussex, February 2015.
68. **Cerebellar arteriovenous malformations – Anatomical subtypes, surgical results and clinical outcomes.** Visca A, Kirollos R. Presented at the British Neurovascular Group (BNVG) 6th Annual Meeting – East Sussex, February 2015.
69. **The impact of major trauma centre implementation on the pathways and outcome of traumatic intracranial extradural haematoma in a regional centre.** Moon RDC, Mutwakil A, Koliaş AG, Krunal P, Kirollos R, Hutchinson P, Timofeev I. Presented at the Society of British Neurological Surgeons meeting – Southampton, April 2015. *British Journal of Neurosurgery (Abstract)*, 29(2): 124–163, 2015.
70. **Transcranial Resection of Olfactory Groove Meningiomas – The impact of size on preoperative imaging findings, complications and outcome.** K. Patel, A. Koliaş, R. Mannion & R. Kirollos. Presented at the Society of British Neurological Surgeons meeting – York, September 2015. *British Journal of Neurosurgery (Abstract)*, 29(4): 450–484, 2015.
71. **Predictive factors for mortality of primary pontine haemorrhage in an Asian population: a single centre study.** Munusamy R, Nasir A, Quah BL, Pang BC, Yang E, Kirollos R. Presented at the 11th Annual conference of the Asia Congress of Neurosurgery – Surabaya, Indonesia, 9-11 March 2016.
72. **Comparison of correction of kyphotic deformity in thoraco-lumbar burst fractures between open and MIS – single institution experience.** Tan RBH, Nasir A, Zhixu N, Koh RKM, Pang BC, Kirollos RW, Yang EWR. Presented at the 11th Annual conference of the Asia Congress of Neurosurgery – Surabaya, Indonesia, 9-11 March 2016.
73. **Cerebrospinal fluid-spread metastases following primary tumour resection of a pineal parenchymal tumour of intermediate differentiation: 10 year follow up should not be abolished in the modern NHS.** E. Dalton, M. J. Naushahi, R. Kirollos. Presented at the Society of British Neurological Surgeons meeting – Newcastle, April 2016.
74. **Long term visual and biochemical outcomes following conservative and surgical management of pituitary apoplexy.** Presented at the Society of British Neurological Surgeons meeting – Newcastle, April 2016.
75. **Considerations in decision-making in the management of pediatric AVMs. I. Jalloh, R. Trivedi, R. Kirollos.** Presented at the 25th Congress of the European Society for Pediatric Neurosurgery (ESPN) Paris-France, 8-11 May 2016. **Abstracts:** *Child's Nervous System*. May 2016, Volume 32, Issue 5, pp 905-1012, 18 April 2016.
76. **Long-term outcomes following conservative v surgical management of pituitary apoplexy.** Mannion R, Krishnan P, Budohoski K, Kirollos R, Powlson A, Gurnell M. *Endo Chicago – 7th World Congress for Endoscopic Surgery of the Skull Base and Brain*. Chicago, USA, June 2016.
77. **Microsurgical excision of ARUBA-Eligible AVMs.** Mohsen Javadpour, Ramez Kirollos. Presented at the WFNS meeting, Tehran, Iran May 2016.
78. **Can we predict early tumour recurrence in atypical meningioma?** Millward PC, Budohoski K, Clerkin J, Barton C, Mills S, Farrell M, Santarius T, Javadpour M, Kirollos R, Jenkinson MD. Presented at the Society for Neuro-Oncology Conference on Meningioma– Toronto, Canada, 17-18th June 2016.
79. **Cerebrospinal fluid spread metastasis of a pineal parenchymal tumour of intermediate differentiation 10 years after primary resection – implications for**

follow up protocols. Dalton E, Naushahi MJ, Kirollos R. Poster presentation at the meeting of the European Association of Neurosurgery (EANS). Athens 4th -8th September 2016.

80. **Factors associated with early tumour recurrence after surgery for atypical meningioma.** Karol P Budohoski, Christopher P Millward, James Clerkin, Christopher Barton, Samantha Mills, Michael Farrell, Philip O'Halloran, Seamus Looby, Thomas Santarius, Mohsen Javadpour, Michael D Jenkinson, Ramez Kirollos. Poster presentation at the meeting of the European Association of Neurosurgery (EANS). Athens 4th -8th September 2016.
81. **Microsurgical excision of ARUBA-Eligible AVMs.** Mohsen Javadpour, Ramez Kirollos. Presented at the meeting of the European Association of Neurosurgery (EANS). Athens 4th -8th September 2016.
82. **Volumetric growth correlates with histological grade in meningioma.** W. C. Soon, D. M. Fountain, K. Koczyk, M. Guilfoyle, T. Matys, R. Kirollos, T. Santarius. Presented at the Society of British Neurological Surgeons meeting – Oxford, April 2017. British Journal of Neurosurgery (Abstract), 31(2): 119–158, 2017.
83. **Treatment of poor grade subarachnoid haemorrhage trial - TOPSAT 2 – Update on progress.** B. A. Gregson, P. White, D. Mitra, P. Mitchell, R. Kirollos, P. Brennan. Presented at the Society of British Neurological Surgeons meeting – Oxford, April 2017. British Journal of Neurosurgery (Abstract), 31(2): 119–158, 2017.
84. **Imaging and pathological characteristics associated with early progression of atypical meningioma following surgical resection.** K. Budohoski, C. Millward, J. Clerkin, T. Santarius, S. Javadpour, M. Jenkinson, R. Kirollos. Presented at the Society of British Neurological Surgeons meeting – Oxford, April 2017. British Journal of Neurosurgery (Abstract), 31(2): 119–158, 2017.
85. **Long-term cognitive outcome of meningioma and the effects of treatment (COMET) study results.** X. Zheng, M. Hart, S. Erzinclioglu, T. Das, S. Enriquez-Geppert, R. Kirollos, J. Duncan, T. Santarius. Presented at the Society of British Neurological Surgeons meeting – Oxford, April 2017. British Journal of Neurosurgery (Abstract), 31(2): 119–158, 2017.
86. **Correlation of volumetric growth and histological grade in meningioma.** Soon WC, Fountain DM, Kocyzk K, Abdulla M, Giri S, Allinson K, Kirollos R, Matys T, Guilfoyle MR, Santarius T. Presented at the 2nd Symposium of the British-Irish Meningioma Society (BIMS) - London 13th May 2017.
87. **Subarachnoid haemorrhage with negative initial neurovascular imaging: a systematic review of delayed diagnoses and clinical outcomes.** M. Mohan, O. Rominiyi, F. Rasul, R.D. Souza, A. Jamjoom, A. Koliass, J. Woodfield, K. Patel, A. Chari, R. Kirollos. Presented at the Annual Meeting of the EANS Vascular Section. Nice, France, 7th September 2017.
88. **Angiogram-negative spontaneous subarachnoid haemorrhage: a systematic review of delayed diagnoses and clinical outcomes.** M. Mohan, O. Rominiyi, F. Rasul, R.D. Souza, A. Jamjoom, A. Koliass, J. Woodfield, K. Patel, A. Chari, R. Kirollos, on behalf of the British Neurosurgical Trainee Research Collaborative. Presented at the Society of British Neurological Surgeons meeting - Liverpool 20-22 September 2018. British Journal of Neurosurgery (Abstract), 32(1): 77-117, 2018.
89. **Outcomes following failed primary treatment following aneurysmal subarachnoid haemorrhage.** W.A. Sage, P. Copley, M.S. Sethi, M.R. Guilfoyle, P.J. Kirkpatrick, R.W. Kirollos, R.A. Trivedi. Presented at the Society of British Neurological Surgeons meeting - Liverpool 20-22 September 2017. British Journal of Neurosurgery (Abstract), 32(1): 77-117, 2018.

90. **Predictive factors of mortality for primary pontine haemorrhage in an Asian population.** T. Munusamy, R. Kirollos, B.H. Tan, S. Suretheran: Presented at the Society of British Neurological Surgeons meeting - Liverpool 20-22 September 2017. *British Journal of Neurosurgery (Abstract)*, 32(1): 77-117, 2018.
91. **Anatomical study of intracranial neuro-vascular relationships relevant to Endonasal Endoscopic Transsphenoidal surgery.** Kirollos R (presenter) - Barone DG, Pizzuti V, Zaccagna F, Santarius T, Trivedi R, Matys T, Massoud T, Donnelly N, Tysome J, Mannion R, Kirollos R. Presented at the annual meeting of British Skull Base Society - Liverpool, January 2018. (**Oral presentation Prize award**).
92. **Rates of tumour control after conservative management of pituitary apoplexy.** Budohoski K, Krishnan P, Gurnell M, Powlson A, Mannion R, Kirollos R. Presented at the annual meeting of British Skull Base Society - Liverpool, January 2018.
93. **Anatomie revisitée de la pyramide pétreuse: l'approche compartimentale.** Mamdouh TAWFIK, M.D., Patrick MERTENS, M.D., Ph.D., Guilherme RIBAS, M.D., Ph.D., Ramez KIROLLOS, M.D., Timothée JACQUESSON, M.D., M.Sc. Poster Presentation in the congress of French society of neurosurgery "SFNC", March 2018, Grenoble, France
94. **Indocyanine green fluorescence angiography reduces vascular injury related morbidity – A retrospective Observational Study.** J. Cullen, T. Tajsic, W. Sage, M. Guilfoyle, A. Helmy, P. Kirkpatrick, R. Kirollos and R. Trivedi. Presented at the Society of British Neurological Surgeons meeting - Torquay 11-13 April 2018.
95. **Compartmental approach to petrous pyramid anatomy.** Mamdouh Tawfik, Patrick Mertens, Guilherm Ribas, Ramez Kirollos, Timothee Jacquesson. Presented at the congress of European skull base society, to be presented on April 21, Warsaw, Poland.

Books and Book Chapters

1. **“Skull Base Surgery”**. Ramez Kirolos, Richard Mannion. Module in **“e Brain”**
2. **Chapter: “Neurosurgery cases”**. Jane Sturgess, Ramez Kirolos. In **“A surgeon’s guide to anaesthesia and perioperative care”**. Cambridge University Press
3. **Book – “Neurosurgery: The Essential Guide to the Oral and Clinical Neurosurgical Examination”**. Vivian A Ellwell, Ramez Kirolos, Syed Al Haddad. CRC Press.

In press

*Book: **Applied Anatomy for Core Clinical Procedures** – Sturgess J, Crawley F, Kirolos RW. To be published 2018.*

*Chapter: **“Hyperostosing sphenoid wing meningiomas”**. Ramez Kirolos. In *Handbook of Clinical Neurology on Meningiomas*. Ed Michael McDermott and Philip Theodosopoulos. Elsevier Press*

*Co-Editor of the **Oxford Textbook of Neurosurgery** – Ed. Kirolos RW, Helmy A, Thomson S, Hutchinson PJA. Oxford University Press. To be published 2018. [in final publishing stage].*

*Chapter: **“Surgical management of intraventricular lesions”**. Ribas E, Kirolos RW, Ribas G. In *Oxford Textbook of Neurosurgery*. [complete].*

*Chapter: **“Meningiomas & Haemangiopericytoma (HPC) - Solitary fibrous tumour (SFT)”**. Harjus Birk, Seunggu J. Han, Ramez Kirolos, Thomas Santarius, Michael W. McDermott. In *Oxford Textbook of Neurosurgery*. [complete].*

In preparation:

*Co-Editor **Basilar Artery: A Clinical Review** – Ed. Massoud TF, Hacein-Bey L, Kirolos RW. Nova Science Publishers, Inc., New York.*

Chapter 16: A) Management of head injury B) Management of Cervical injury. Ramez Kirollos. In Synopsis of Clinical Surgery. Ed. Munther I Aldoori. CRC Press I Taylor and Francis.

Chapter: Microsurgical anatomy of the anterior skull base as seen through the cranial view. In “Endoscopic and Microsurgical approaches to the skull base: Anatomy, Tactics and techniques.” Ed Luis A. B. Borba, MD, PhD and Jean G. de Oliveira, MD, PhD. THIEME Publishers.

Chapter: Microsurgical anatomy of the foramen Magnum. In “Endoscopic and Microsurgical approaches to the skull base: Anatomy, Tactics and techniques.” Ed Luis A. B. Borba, MD, PhD and Jean G. de Oliveira, MD, PhD. THIEME Publishers.

Invited talks

1. **Surgical approaches for the management of foramen magnum pathology.** Kirollos RW. Presented at the annual meeting of British Skull Base Society - Cambridge, January 2009.
2. **Intraventricular lesions: anatomical considerations for surgical resection.** Ramez Kirollos, Cambridge (UK). Presented at the Joint Meeting Swiss and British Societies of Neurosurgery (SSN-SBNS) – Lugano, Switzerland, 7-8/ June 2012.
3. **Operative approaches to pituitary and sellar lesions.** R W M Kirollos. Presented at the Neurosurgical symposium: State of the Art Series – Management of Pituitary Tumours – Singapore, November 2012
4. **Surgery for intraventricular lesions: anatomical considerations.** Presented at “Updates in Surgical Neurology” symposium - University of Malaya, Kuala Lumpur, Malaysia – December 2012
5. **“How do I do it: orbitozygomatic approach”.** Ramez Kirollos. 8th Annual International Neurosurgery Conference (AINC) – December 2012.
6. **Arteriovenous Malformations Grade 1-2: Role of Surgery.** Mr Ramez Kirollos and Mr Mohsen Javadpour. Presented at the British Neurovascular Group meeting - Harrogate, February 2013.
7. **Surgical procedures for trigeminal neuralgia.** Kirollos R. Presented at the 13th Annual Scientific meeting of the Neurosurgical Association of Malaysia (NAM). Kuala Lumpur, Malaysia - 6th July 2013.
8. **The future of Neurosurgery.** Kirollos RW. Meeting of the Minds: A Conference in Neuroscience. Imperial College London, February 2014.
9. **Update: Risk assessment for ruptured and unruptured aneurysms.** Ramez Kirollos. Presented at the Young Neurosurgeons meeting of the European Association of Neurosurgery (EANS). The Royal College of England, London, 3rd May 2014

10. **Decision making in partially coiled aneurysms: wait, coil, clip?** Ramez Kirollos. Presented at the Young Neurosurgeons meeting of the European Association of Neurosurgery (EANS). The Royal College of England, London, 3rd May 2014
11. **Resective strategies for midline ventricular lesions.** R Kirollos. Presented at the meeting of the European Association of Neurosurgery (EANS). Prague 12th -17th October 2014.
12. **Vasospasm: ongoing enigma.** R Kirollos. Presented at the meeting of the European Association of Neurosurgery (EANS). Prague 12th -17th October 2014.
13. **Considerations and pitfalls avoidance in surgery of recurrent aneurysms after coiling.** Ramez Kirollos. Presented at the 1st Annual International Congress of Neurosurgery Department Ain Shams University (AINAS). Cairo 16th-17th April 2015.
14. **Planning and timing of resection of AVMs presenting with intracerebral haematoma.** Ramez Kirollos. Presented at the 1st Annual International Congress of Neurosurgery Department Ain Shams University (AINAS). Cairo 16th-17th April 2015.
15. **Decision making on un-ruptured paediatric AVMs.** Ramez Kirollos. Presented at the AVM management in the light of the ARUBA trial consensus BNVG meeting. Liverpool, UK 28th August 2015.
16. **Considerations in Surgical management of Recurrent Intracranial Aneurysms following Endovascular coiling.** Ramez Kirollos. Presented at the 15th Annual Conference of Cerebrovascular Society of India (NEUROVASCON 2015). Ludhiana, India 18th – 20th September 2015.
17. **Timing of Microsurgical Resection of AVMs presenting with mass producing Intracerebral Haematoma.** Ramez Kirollos. Presented at the 15th Annual Conference of Cerebrovascular Society of India (NEUROVASCON 2015). Ludhiana, India 18th – 20th September 2015.
18. **Anatomical considerations and functional outcome in resection of supratentorial intraventricular lesions.** Ramez Kirollos. Presented in the Seminar on the Application of New Technologies in Neurosurgery. Guigang City People's Hospital, Guangxi, China 14th April 2016.
19. **Radiological anatomical studies for neuroendoscopy.** Ramez Kirollos. Presented in the Seminar on the Application of New Technologies in Neurosurgery. Guigang City People's Hospital, Guangxi, China 14th April 2016.
20. **Plenary lecture update on pituitary surgery: Pituitary adenoma: Quest to improve management of treatment failure: Reality and possibility.** Ramez Kirollos. Presented at the Royal Australasian College of Surgeons Annual Scientific Conference. Brisbane, Australia May 2016.
21. **Pituitary surgery: When does an extended or alternative approach is justified for lesions involving the sella.** Ramez Kirollos. Presented at the Royal Australasian College of Surgeons Annual Scientific Conference. Brisbane, Australia May 2016.
22. **Anatomical considerations in planning and execution of endoscopic skull base approaches.** Ramez Kirollos. Presented at the Skull Base Endoscopic Surgery symposium of the Egyptian Society of Neurosurgical Surgeons and the Egyptian Society of Skull Base Surgeons in the Arab Contractors Medical Center. Cairo 28th July 2016.
23. **Justification of trans-cranial approaches in the skull base endoscopic era.** Ramez Kirollos. Presented at the Skull Base Endoscopic Surgery symposium of the Egyptian Society of Neurosurgical Surgeons and the Egyptian Society of Skull Base Surgeons in the Arab Contractors Medical Center. Cairo 28th July 2016.

24. **Radiological anatomical studies for neuroendoscopy.** Kirolos R. Presented at the 16th Annual Scientific meeting of the Neurosurgical Association of Malaysia (NAM). Sabah, Malaysia - August 2016.
25. **Ophthalmological outcome after pineal resections.** Kirolos R. Presented at the 16th Annual Scientific meeting of the Neurosurgical Association of Malaysia (NAM). Sabah, Malaysia – August 2016.
26. **3D neuroanatomy of endonasal and extended endoscopic anterior skull base approaches.** Presented at the IX International Symposium on Recent Advances in Rhinosinusitis & Nasal Polyposis (ISRNP). Kuala Lumpur, Malaysia - November 2016.
27. **Order out of Chaos: Anatomical basis to planning of AVM surgery.** Kirolos RW. Presented at the British Neurovascular Group meeting - Liverpool, September 2017.
28. **Surgical management of difficult brain tumours.** Presented at the Symposium “An evolving paradigm in cancer management”. Kuala Lumpur, Malaysia – 19th November 2017.
29. **Considerations in planning of AVM surgery.** Presented at the 41st Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS). Cairo 21-24 March 2018.
30. **Quest to get the balance in pineal tumour surgery.** Presented at the 41st Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS). Cairo 21-24 March 2018.

INTERESTS AND HOBBIES

I enjoy travelling to foreign countries being especially interested in history and classical arts. I have visited most countries of Europe, Southeast Asia, the U.S.A. and Canada. The languages I speak include Arabic and English, and to a lesser degree French and German.

I enjoy classical music and play the piano. I also enjoy a variety of sports and in the past I played football, tennis, swimming and table tennis.

21.04.2018