

# CURRICULUM VITAE

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## PERSONAL DETAILS

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<b>Name</b>	VisvanathanKrishnaswamy
<b>Date of birth</b>	23-03-1976
<b>Nationality</b>	Indian
<b>GMC Number</b>	7020912 (Full with specialist registration) Article 14 CESR (Voluntarily erased)
<b>TN Medical Council No</b>	63315
<b>Address</b>	Villa No V, Alliance Bougainvillea, Sairam Nagar Iyyappanthangal Chennai- 600056
<b>Communication:</b>	Mobile: +919840577954 E-mail: <a href="mailto:visva.neurosurgeon@gmail.com">visva.neurosurgeon@gmail.com</a>

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**EDUCATION**

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<b>MBBS</b>	Madras Medical College- Chennai 1993-1997
<b>MRCS Ed</b>	Sundaram Medical Foundation 2001-2004
<b>DNB (GenSurg)</b>	Sundaram Medical Foundation 2001-2004
<b>DNB (Neurosurgery)</b>	Sri SathyaSai Institute of Higher Medical Sciences 2004-2007
<b>FRCS (SN)</b>	James Cook University Hospital Middlesbrough- 2009
<b>MNAMS</b>	National Academy of Medical Sciences 2010
<b>GMC Specialist Registration</b>	Under Article 14 (Certificate of Eligibility for specialist Registration) – Jan 2012

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**HOSPITAL APPOINTMENTS**

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<b>June 2016- present.</b>	Senior Consultant Neurosurgeon at the Sri Ramachandra Medical Centre, Porur, Chennai – 600116
<b>Feb 2017- present</b>	Visiting Consultant- Functional Neurosurgery Gleneagles Global Health City Perumbakkam, Chennai
<b>Mar 2017- present</b>	Visiting Consultant- Functional Neurosurgery Paras Hospitals, Gurugram, Haryana
<b>Sep 2013-May 2016</b>	Consultant Neurosurgeon at the MIOT Hospitals, Mount-Poonamallee Road, Manapakkam, Chennai
<b>July 2012 – Sep2013</b>	Consultant Neurosurgeon at SRM Institute for Medical Sciences, No 1, Jawaharlal Nehru Road, Vadapalani Chennai – 600026
<b>May 2011 – May 2012</b>	Clinical Fellow in Functional Neurosurgery at the Walton Centre for Neurology and Neurosurgery, Liverpool

<b>May 2010- April 2011</b>	Fellow in Functional Neurosurgery, King's College Hospital, London
<b>March 2009 –May 2010</b>	Clinical Fellow (Registrar) in Neurosurgery, James Cook University Hospital, Middlesbrough.
<b>Jan 2009 – Mar 2009</b>	Clinical Fellow in Neurosurgery, Royal Preston Hospital, Preston, Lancashire- PR2 9HT
<b>August 2007 – Dec 2008</b>	Senior Resident- in the Department of Neurosurgery – Sri SathyaSai Institute of Higher Medical Sciences, Bangalore- 66.
<b>August 2004-2007</b>	Postgraduate resident in the Department of Neurosurgery – Sri SathyaSai Institute of Higher Medical Sciences, Bangalore- 66.
<b>June 2001-2004</b>	Postgraduate Resident in the Department of General Surgery Sundaram Medical Foundation Shanti Colony- Annanagar, Chennai- 40
<b>Dec 1999- June 2000</b>	Resident in the Dept of Neurosurgery AchantaLakshmipathiNeurosurgical Centre (ALNC) Voluntary Health Services Taramani- Chennai
<b>Jan 1998- Jan 1999</b>	Pre-registration house officer in the Government General Hospital, Chennai

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**POST- GRADUATE EXAMINATIONS**

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1. Final MRCS examination of the Royal College of Surgeons of Edinburgh held in Delhi, India- April 2004
2. Final written part of the Diplomate in the National Board ( Surgery)- December 2003
3. Final clinical component of Diplomate in the National Board ( Surgery)- May 2004
4. Final written component of Diplomate in the National Board ( Neurosurgery)- December 2008
5. Final Clinical component of Diplomate in the National Board ( Neurosurgery)- May 2009
6. FRCS (SN) - October 09

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## WORK EXPERIENCE

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### **Neurosurgery:**

I acquired my Neurosurgical training at Bangalore, India. The SathyaSai Institute is a busy tertiary referral unit which receives patients from all parts of India. It offers free Medical care for the needy.

My clinical duties and responsibilities included participation in the out-patient and telemedicine clinic, clerking emergency and elective admissions, participating in the Operation Theatre and managing patients in the neuro-intensive care. There was an on-call rota of 1:3 to 1:4.

I have performed the following neurosurgical procedures: insertion of VP shunts, drainage of abscesses and subdural haematomas, debulking of gliomas, excision of meningiomas, foramen magnum decompressions, microvascular decompressions, percutaneous procedures for trigeminal neuralgia, laminectomies, anterior cervical discectomy and fusion, lumbar discectomies, excision of spinal Neurofibromas, filumterminale sectioning, posterior fossa tumour excision, evacuation of EDH, surgery for cerebral contusions etc.

I have assisted senior Neurosurgeons having subspecialty interests in Neurovascular Surgery, Paediatric Neurosurgery, Spinal Neurosurgery, Cranial Base Surgery, Neuro-oncology etc. I have adequate experience in the all types of craniotomies and spinal exposures.

I have obtained 2 months training from January-February 2007 at the National Institute of Mental Health and Neurosciences, Bangalore in Neurotrauma.

I worked for about 2 months as a Clinical Fellow in the Royal Preston Hospital. I was primarily involved in ward based management of Neurosurgical patients and took part in an on-call rota of 1:7. I was also able to take part in elective and emergency surgeries. This post was very helpful in acquainting me with the systems and practices prevalent in the NHS.

At James Cook University hospital in Middlesbrough, I have worked under Consultant Neurosurgeons with predominant interest in Spinal Surgery. I have been performing basic spinal surgery including degenerative disc surgery (discectomies, laminectomies, artificial disc insertion) and spinal tumours independently, complex spinal instrumentations under supervision.

I have completed a year's fellowship in Functional Neurosurgery at King's College Hospital in London from May 2010. This is one of the busiest neurosurgical units in the UK. Apart from training in Epilepsy and movement disorders surgery, I was exposed to general neurosurgery especially neuro-oncology and trauma. I was on the 2<sup>nd</sup> tier on-call rota as the senior registrar covering a more junior colleague. I have performed deep brain stimulation for parkinson's disease, dystonia and assisted in DBS for epilepsy. I have performed temporal lobectomies and vagal nerve stimulations for epilepsy.

I have completed my 2<sup>nd</sup> year's Fellowship in Functional Neurosurgery at the Walton Centre. I have been performing microvascular decompression for trigeminal neuralgia, deep brain stimulation, vagal nerve stimulation besides consolidating my experience in Epilepsy surgery. I have been involved in awake craniotomies, gaining experience with using tractography and neurophysiological monitoring. Besides this, I was part of the neurosurgical on-call rota.

After working in SIMS Hospital, Chennai and MIOT International Chennai as a Consultant Neurosurgeon with special interest in Functional Neurosurgery for nearly 4 years, I am now working as a Senior Consultant Neurosurgeon at the Sri Ramachandra Medical Centre which is a JCI accredited hospital with more than 1000 beds. My work involves mentoring Mch Neurosurgery post-graduates and clinical responsibility in General Neurosurgery. I visit the **Gleneagles Global Health City**, Chennai and **Paras Hospital Gurugram**, NCR as visiting Consultant in Functional Neurosurgery.

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ENGLISH AND COMMUNICATION SKILLS

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1. I have obtained an aggregate score of 8.5 in the IELTS test with a score of 9 in listening and reading, 7.5 in writing and 8.5 in speaking
2. I have interests in English and Tamil debating and Oratory

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PAPERS AND PUBLICATIONS

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1. Effect of low-dose corticosteroids in burn wound sepsis- a report of two cases; K.Visvanathan, Ram.E.Rajagopalan, V.ShivaramBharathwaj; Indian Journal of Critical Care Medicine- June 2003
2. Peritoneal Catheter in cysto peritoneal shunt causing acute appendicitis; K.Ganapathy, K.Visvanathan, R.Parivalavan; Pan Arab Journal of Neurosurgery- April 2004
3. Standing foot pressure image analysis for variations in foot sole soft tissue properties and levels of diabetic neuropathy; G.Charanya, K.MothiramPatil, V.Jacob Thomas, V.B.Narayanamurthy, R.Parivalavan, K.Visvanath, ITBM-RBM 2004
4. Effect of Foot sole hardness, thickness and footwear on foot pressure distribution parameters in diabetic neuropathy; G. Charanya, K.M. Patil, V.B. Narayanamurthy, R. Parivalavan and K.Visvanathan, Proc. Instn Mech. Engrs Vol.218 Part II: Journal of Engineering in Medicine 2004. **(Indexed in Pubmed)**
5. Screening for unilateral intracranial abnormalities using near infrared spectroscopy. A Preliminary report; Sheeja V Francis, G Ravindran, K Visvanathan, K Ganapathy, Journal of Clinical Neuroscience(2005) 12(3), 291-295. **(Indexed in Pubmed)**
6. Isolated intracranial RosaiDorfman disease masquerading as meningioma: a case report; [Ghosal N](#), [Murthy G](#), [Visvanathan K](#), [Sridhar M](#), [Hegde AS](#), Indian Journal of Pathology and Microbiology 2007 Apr;50(2):382-4. **(Indexed in Pubmed)**
7. Multiple fourth ventricular hydatidosis: Case Report; S.V. Furtado, K. Visvanathan, GhosalNandita , K. Reddy , A.S. Hegde; Journal of Clinical Neuroscience, 16:110-2,2009. **(Indexed in Pubmed)**
8. Advisory Panel of the Publication "Physician's Digest" a bi-monthly publication for the Family Physician
9. Pseudotumorcerebri: as a cause for early deterioration after Chiari I malformation surgery: Sunil V. Furtado , MS M Ch DNB, K. Visvanathan a, DNB MRCS, Kalyan Reddy , DNB, A. S. Hegde a, M Ch PhD; Child's Nervous System.**(Indexed in Pubmed)**

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CONFERENCES, COURSES AND WORKSHOPS ATTENDED

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1. Workshop on **Thoracic Oncology**, by the Cancer Institute Chennai, 20-22 January 2002.
2. **Bedside skills training (BEST)** program held by Sundaram Medical Foundation, 21<sup>st</sup> April 2002.
3. **Basic Surgical Skills Course** conducted by the Royal College of Surgeons-Edinburgh, 9-11 May 2002 at Mumbai.
4. Workshop on Management priorities in **Trauma Care** conducted by Sri Ramachandra Medical College and Research Institute, Chennai on 4-5 July 2002.
5. Workshop on **Mesh Repair of Inguinal Hernia** conducted at Railway Hospital, Chennai on 27-28 September 2002.
6. **Regional blocks and airway workshop** at the First International Emergency Medicine Conference at Hyderabad, 25-27 October 2002.
7. Second National Workshop on **Critical Care Neurology** held in Hyderabad, 14-16 March 2003.
8. **Ethskills Course** conducted by the ETHICON foundation, 5-6 June 2003 at Chennai.
9. Workshop on **Clinical and Health Research Methods**, conducted in Chennai by CAREMED India, with faculty from India and USA on 11-15 August 2003.
10. Vascular Suturing and Anastomosis craft workshop, conducted by the Chennai city branch of the Association of Surgeons of India on 30<sup>th</sup> October 2003.
11. **The Royal College of Surgeons of Edinburgh course for MRCS** by Mr.PradipDattabetween 10-14 November 2003 at Hyderabad.
12. **CME in General Surgery** held at Madurai Medical College between 13-15<sup>th</sup> February 2004
13. **Fifty Years of Neurosurgery at NIMHANS- Neurosurgery Update 2006 and Neuro Endoscopy Workshop** held in Bangalore between 15-17<sup>th</sup> April 2006.

14. **Basic Microneurosurgery course** conducted at Chennai between 10-11<sup>th</sup> June 2006
15. **55<sup>th</sup> Annual Conference of Neurological Society of India** held at Madurai, 20-23<sup>rd</sup> December 2006.
16. **Interventional Radiology update 2007** conducted at NIMHANS Bangalore on April 15<sup>th</sup> 2007.
17. **Neurovascon 2007**, conducted at SCTIMST Trivandrum between 14<sup>th</sup>-16<sup>th</sup> September 2007.
18. **Ginde Oration 2006 and Microneurosurgery CME by Prof.M.GaziYasargil** at the Bombay Hospital Institute of Medical Sciences between 14-15<sup>th</sup> March 2008.
19. **Cervical Spondylosis– Recent trends** by Bangalore Brain & Spine Associates conducted at Bangalore on 25<sup>th</sup> October 2008
20. **Barts and the Royal London, Specialist Fellowship Course in Neurosurgery** held in London between 21<sup>st</sup> -25<sup>th</sup> , September 2009
21. **Applied Spinal Biomechanics Course** held atLeeds on 27-28 January 2010
22. **Imperial London Spine Course** held in London between 1<sup>st</sup> – 3<sup>rd</sup> March 2010
23. **AOSpine Principles Course- Injured and Degenerative spine** held at Sheffield between 17-19<sup>th</sup> March 2010
24. **Basic Deep Brain Stimulation ECMT course** held in Paris between 1<sup>st</sup> – 3<sup>rd</sup> September 2010
25. **The Guy’s Hospital Endoscopic Skull base dissection course** held at Guy’s Hospital London between 8<sup>th</sup> – 9<sup>th</sup> November 2010
26. **Invited for the Medtronic Ambassador programme on deep brain stimulation for Epilepsy** held in Rome 27-28<sup>th</sup> August 2011
27. **UK Epilepsy Surgery Network meeting** held at the Royal College of Physicians and Surgeons Glasgow on 16<sup>th</sup> September 2011
28. **Epilepsy 2011; Annual Teaching weekend** held at Oxford between 23-25<sup>th</sup> September 2011
29. **Workshop on Advanced Techniques in Epilepsy Surgery** held at Amrita Insitute, Cochin, India on January 5<sup>th</sup> – 6<sup>th</sup> 2013
30. **LeksellStereotaxy Course** held at the Academisch Medical Centrum Amsterdam between 8-10<sup>th</sup> April 2013



31. **A comprehensive review of Movement disorders for the clinical practitioner** conducted by the Movement disorders society at Aspen, Colorado on July 28<sup>th</sup> – August 1<sup>st</sup> 2013
32. **Inaugural Meeting of the Walter Dandy Society -India Chapter** held on January 10<sup>th</sup> - 11<sup>th</sup> 2014 at Chennai
33. **Microneurosurgery and Neuroendovascular workshop** at the Sri Sathya Sai Institute of Higher Medical Sciences, Whitefield, Bangalore on 16<sup>th</sup> - 17<sup>th</sup> February 2014
34. **Skull Base Cadaver course** conducted at M.S. Ramaiah Medical College Hospital on 29<sup>th</sup> June 2014
35. **WSSFN Interim meeting 2015** held at Mumbai between 3-6<sup>th</sup> Sep 2015
36. **Noble art of Lesioning - a Functional Neurosurgery course** at Queen Square Hospital, London between 14-16 April 2016
37. **Invited faculty** at the **Indian stroke conference** held at Amritsar between 17<sup>th</sup>-19<sup>th</sup> March 2017
38. **WSSFN 2017** held at Berlin between 26<sup>th</sup> -29<sup>th</sup> June 2017

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PRESENTATIONS AT MEETINGS

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1. A paper on the **Combined procedure of Incisional hernia repair with abdominoplasty- an audit**, at the Tamilnadu and Pondicherry Chapter of the Association of Surgeons of India on 9-12 August 2001.
2. The **role of Intake-Output Charting**, at the FORUM conference, 24-25 February 2002.
3. Presented a poster “**Soft tissue foreign bodies- need for a third dimension in imaging?**” at the 1<sup>st</sup> International Conference on Emergency Medicine held on 25-27 October 2002 at Hyderabad.
4. A paper on the **role of Acetic acid in diabetic foot infection** at the WOUNDCON between 22-23 February 2003.
5. A paper on the **risk factors for predicting conversion in laparoscopic cholecystectomy**- in the Chennai city branch meeting of the Association of Surgeons of India on 27 September 2003. (***Received the First prize***).
6. **Role of Thyroid function tests** at the BEST program conducted by Sundaram Medical foundation on 28<sup>th</sup> March 2004.

7. **Posterior Circulation aneurysms- outcome**; at the Neurovascon 2007 conference held between 14<sup>th</sup> -16<sup>th</sup> September 2007 at SCTIMST- Trivandrum
8. **Trigeminal Neuropathy – A review of surgical options**: presented at the Pain meeting lectures held by the Pain Research Foundation at Liverpool on 23<sup>rd</sup> August 2011
9. Presented three cases for discussion at the **Grand Rounds of the Annual Liverpool Pain course** held by the Pain Research Foundation on 9<sup>th</sup> November 2011
10. Presented a poster **“Cervical spinal cord stimulation - The Walton Centre experience”** at the World Society of Stereotactic and Functional Neurosurgery Interim Meeting held on 20-23 November 2011 at Cape Town
11. Presented a poster **“Long term efficacy of spinal cord stimulation in the treatment of Complex regional pain syndrome”** at the World Society of Stereotactic and Functional Neurosurgery Interim Meeting held on 20-23 November 2011 at Cape Town
12. Presented a poster **“Spinal cord stimulation for chronic Neuropathic pain (FBSS and NP) – long term systematic outcome”** at the World Society of Stereotactic and Functional Neurosurgery Interim Meeting held on 20-23 November 2011 at Cape Town
13. Presented a talk – **“An introduction to Functional Neurosurgery”** at the CME in SRM Medical College Hospital on 30/11/12 and to the Tambaram and Chengelpet branch of Indian Medical Association on 9/12/12 held at the SRM Hotel
14. Presented a talk **“Functional Neurosurgery”** to the members of the Chennai Kodambakkam branch of the Indian Medical Association on 30/12/12
15. Presented a talk **“Intrathecal Baclofen therapy”** at the Institute of Neurology, Govt General Hospital, Chennai on 16/05/13
16. Presented a talk **“Radiology- A Neurosurgeon’s Perspective”** at the SRM – Radiology simplified 2013 Conference on 22/06/2013
17. Presented a talk on **“Surgical Neuromodulation”** at Forum 2013 held on 19<sup>th</sup> October 2013 at Chennai
18. Presented a talk on **“Targeted Drug delivery and Intrathecal Baclofen Pump Therapy”** at the MS Ramaiah Advanced Learning Center, Bangalore on 10<sup>th</sup> August, 2016
19. Presented a talk on **“Surgical Options in Epilepsy”** at the Voluntary Health Services on behalf of Dr. Ghosh Charitable trust on 18<sup>th</sup> Nov 2016

20. Presented a talk on “**The promise of DBS**” at the Behavioural Neurology and Neuropsychiatry seminar held at Gleneagles Global Health City on 6<sup>th</sup> August 2017
21. Presented a talk on “**DBS- The Neurosurgical Procedures**” held at the Harvard Auditorium, SRMC as part of the CME on Deep Brain stimulation in Neuropsychiatric Disorders on 24<sup>th</sup> August 2017
22. Presented a talk “**Neuroradiology in the ER- a few teaching points**” on the occasion of International day of Radiology at SRMC on 8<sup>th</sup> November 2017

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#### RESEARCH EXPERIENCE

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1. Near-infrared spectroscopy in the detection of intracranial haematomas. A joint project undertaken with the Centre for Medical Electronics of the Anna University, Chennai.
2. Part of the research team in the Diabetic foot collaborative project between Sundaram Medical foundation and the Indian Institute of Technology, Chennai.
3. Tension free myofascial slide repair for incisional hernias- a prospective follow-up study. Submitted as thesis for the National Board of Examination course in General Surgery

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#### TEACHING EXPERIENCE

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Teaching interns (pre- registration house officers) and nurses as part of the regular teaching schedules of the hospital.

I was involved in presentations and hands on workshops at **FORUM** (Focused Overviews, Reviews and Updates in Medicine), a programme conducted annually for the benefit of the General Practitioners.

I have also carried out formal sessions in **BEST** (Bed side skills training) Programme, conducted annually to benefit the interns.

I have been involved in teaching Anatomy of CNS for the First Year BSc Nursing Candidates at the Nursing College affiliated to our Institution.

I have taught Medical Students affiliated to Liverpool university, SHO's rotating in neurosurgery and junior registrars.

Neurosurgery post-graduates pursuing the MCh Neurosurgery course are posted under me at SRMC where I am involved in clinical, theory and operative training for them.

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#### ADMINISTRATIVE EXPERIENCE

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I was elected as the **Student's representative** at Sundaram Medical Foundation for a period of a year and half in June 2002. The responsibility primarily involved liaising with the hospital administration on behalf of the SHO's and PRHO's. This period was highly educative and challenging because it involved balancing the needs of a highly diverse group of trainees and thereafter to represent it to those concerned.

I was involved in the setting up of the **Telemedicine** Department at the Sri SathyaSai Institute of Higher Medical Sciences Bangalore. The remote center is located at Barrackpore in West Bengal. This facility is used for post-operative follow-ups and for screening first visit patients.

I am part of the Sri Ramachandra University's International Liaison committee

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#### MEMBERSHIP OF PROFESSIONAL BODIES

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1. Registered with the Tamilnadu Medical Council since 1999
2. Associate member of the Neurological Society of India
3. Fellow of the Royal College of Surgeons of Edinburgh
4. Member of the UK Chapter of the International League against Epilepsy
5. Member of Movement Disorders Society
6. Member of the World Society of Stereotactic and Functional Neurosurgery
7. Life Member of the Indian Medical Association
8. Member of the Walter Dandy Neurosurgical Society

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#### OTHER INTERESTS

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1. Debating, English and Tamil Oratory.
2. I was associated with the SaiKrupa charity clinic, involved in organising free out-patient medical care for the needy between June 2000 and May 2001.
3. I have an interest in reading about Finance and Economics with special emphasis on Value Investing.
4. Freemasonry

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#### REFERENCES

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1. Mr Paul Eldridge  
Consultant Neurosurgeon  
Walton Centre for Neurology and Neurosurgery  
Liverpool  
United Kingdom  
Email: paulre1222@aol.com
2. Mr Richard Selway  
Consultant Neurosurgeon  
King's College Hospital  
Denmark Hill  
London – SE5 9RS  
United Kingdom  
E-mail: Richard.selway@kch.nhs.uk
3. Mr Manjunath Prasad  
Consultant Neurosurgeon  
James Cook University Hospital  
Middlesbrough  
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