

Dr J.K.B.C.PARTHIBAN

Senior Consultant Neurosurgeon

Spine - Neurosurgery

Course Director - Diplomate National Board of Examination

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Dr.J.K.B.C.Parthiban is a Senior Consultant Neurosurgeon with expertise in Micro neurosurgery and special interest in Spinal Surgery. After obtaining M.B.B.S (1983) and M.Ch Neurosurgery (1991) from Madurai Medical College ,Madurai Kamaraj University ,Tamilnadu, India focused his career in excelling in microsurgical techniques in Spine and Brain surgery. By actively participating in most of the spine conferences in the early 90s in India , he made friends with spine loving neurosurgeons and spinal surgeons all over the country and abroad. This friendship encouraged him to conduct workshops ,conferences and livedemonstrations on spine surgery since 1991 till date. Contribution in the form of demonstrations of pedicle screw fixations in early 90s and the resultant teaching quality enabled him to start Fellowship programmes in spinal surgery in 2001 to train young neurosurgeons. Skill in microsurgical techniques and spinal instrumentation made him one among the complete Neuro spine surgeons in India. In spite of very active Neurosurgical practice in India he travels extensively sharing knowledge in Neuro spinal surgery and now focus on minimal access surgeries.

AWARDS & ACCOLADES : TEAM TECH – ANSYS ‘ Award of Excellence’ – 2004 , from Padmashri Prof. R.M.Vasagam, at International Conference on Total Engineering , Analysis and Manufacturing Technologies, Bangalore

LEADING SPINE SURGEON – recognition from Prof H. Michael Mayer and Synthes, at India Spine VISION 2007, Virtuoso Roundtable ,New Delhi 2006

Contribution to Neurological Society of India :

Dr Parthiban has been actively participating in the Annual Conferences of NSI since 1987 as a student and later as a life member since 1991 ,presenting scientific papers, posters in various subjects in Spinal Surgery .He also has chaired many sessions and also has been actively publishing articles in Neurology India ,the official journal of NSI. In the recent past he also has been a trainer, demonstrator and examiner for Neurosurgery postgraduates at NSI Courses. He got elected as Board Member of Neurological Society (NSI) , the primary body of Indian Neuroscientists in 2017.

He served NSI an Executive Committee member between 2017 and 2021 and contributed positively in the development of NSI and its functions.

Contribution to Neurosciences and Spinal surgery :

Dr Parthiban has published many articles (70) in Indian and International journals . Academic contributions in the form of Original articles on Basal Cisternostomy, Cervical inter body allo /auto grafts, Ventral screw fixation for type 2 Odontoid fractures and Double hook retractor for Micro lumbar discectomy and Text book chapters on Posterior cervical fusion techniques, Fusion techniques in lumbar spine and Pedicle screw fixation in ‘Textbook of Operative Neurosurgery’ are few among many to mention.

Teaching faculty in Spinal surgery in India and Abroad – Active in Live demonstrations, Cadaver

workshops and Saw bone model workshops . In 2015 he obtained DNBE Neurosurgery post graduate education at KovaiMedical Center and Hospital, Coimbatore, Tamilnadu and the first 10 students are consultants and fellows in subspecialty in various states in India

Contribution to WFNS - Spine Committee

Dr Parthiban was inducted in WFNS Spine Committee in the year 2017 at Istanbul and served as an active member in the committee till 2021. He was instrumental in organising the first consensus meet on 'Cervical Spondylotic Myelopathy' in India and later went on publishing a referral WFNS Spine Committee book on " Cervical Spondylotic Myelopathy and OPLL' as an editor along with Dr Mehmet Zileli. He also involved in publishing many articles on the guidelines of Cervical Spondylotic Myelopathy , Spinal Injury and Osteoporosis. During this period the spine committee was acclaimed as one of the best in WFNS

NSSA- Neuro Spinal Surgeons Association

He is one of the founder members of Neuro Spinal Surgeons Association India, an organisation established with the sole aim of spreading high quality education in Spinal surgery among young Neuro and Ortho surgeons. During his tenure as the President of NSSA , he organised the most successful Annual Conference of NSSA- SPINE 2012 at Chennai in September 2012. Currently he is the Secretary of Neuro Spinal Surgeons Association Foundation

Implants and Instruments devised :

Dr Parthiban has developed Double hook Retractors for Micro Lumbar Discectomy and has newer concepts in Adjacent cortico cancellous bone grafts in Anterior cervical discectomy and fusion and is in the verge of introducing newer design cervical inter body cages.

Founder member of Indian Associations :

He has been instrumental in the foundation of two major Neurological Surgeons Associations in South India in 2016/17 - **TANS** (Tamilnadu Association of Neurological Surgeons) and **CANS** (Coimbatore Association of Neurological Surgeons). This apart from being one of the founder members of **NSSA** - Neuro Spinal Surgeons Association, India the most active Neuro Spinal Surgery forum in India and Asia

Books Published :

1. Lateral Mass Fixation In Cervical Spine – Jaypee Brothers Medical Publishers (P) Ltd. (2016)
2. Anterior Cervical Discectomy and Fusion - Jaypee Brothers Medical Publishers (P) Ltd.(2016)
3. Micro Lumbar Discectomy - Jaypee Brothers Medical Publishers (P) Ltd.(2017)
4. Cervical Spondylotic Myelopathy and OPLL - WFNS Spine Committee book - Thieme India (2021)
5. Cisternostomy - Under production

Editor in Chief : Journal of Spinal Surgery (**JOSS**) , official journal of NSSA

Publications: 70 scientific articles

Text book chapters : 15 in Operative Neurosurgery (BRM and Tandon), WFNS Spine committee book, Text book of Spinal Surgery Ramani, Neurosurgery Update (NSI) , ASSI Monogram and others

