

Dr J.K.B.C.PARTHIBAN

Senior Consultant Neurosurgeon

Spine - Neurosurgery

Course Director - Diplomate National Board of Examination

Department of Neurosurgery , Kovai Medical Center and Hospital

Coimbatore, Tamilnadu, India 641036

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 live demonstrations 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.

Contribution to Neurosciences and Spinal surgery :

Dr Parthiban has published many articles (48) in Indian and International journals . Academic contributions in the form of Original articles on 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 ‘Text book 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 Kovai Medical Center and Hospital, Coimbatore, Tamilnadu.

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

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.

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 on Neuro Spinal Surgery Operative Techniques:

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)

Chapters :

1. Lower cervical spine injury classification and surgical management protocol In: Spinal cord injury -the challenges and the achievements, Dept. of Orthopaedic surgery, Govt. General Hospital, Chennai, year 1998, page 89 – 97.
2. Fusion techniques in the thoracic and lumbar spine. In: - Text Book of Operative Neurosurgery, (B.Ramamurthi and P.N. Tandon), B.I. Publications Pvt Ltd, New Delhi, 2005, pp-1057 – 1068.
3. Posterior stabilisation of the subaxial cervical spine in: - Text Book of Operative Neurosurgery, (B.Ramamurthi and P.N. Tandon), B.I. Publications Pvt Ltd, New Delhi, 2005, pp-1011 – 1026.
4. Pedicle Screw Plate Fixation In: - Text Book of Operative Neurosurgery, (B.Ramamurthi and P.N. Tandon), B.I. Publications Pvt Ltd, New Delhi, 2005, pp-1085 – 1092.
5. Lumbar Disc Surgery In: Step by Step Operative Orthopaedics, (John Ebenezar), Jaypee publications, New Delhi, 2009, pp – 316 – 373
6. Use of Autograft for Interbody Fusion following Anterior Cervical Discectomy in :- Surgical Management of Cervical Disc Herniation (PS.Ramani, Motoi Shoda, Mehmet Zileli , George J Dhorman) ,Jaypee publications, New Delhi ,pp- 84 - 90

He is the Editor in Chief Of Journal of Spinal Surgery ,official journal of NSSA ,India.

Board Member : Executive Committee NSI (Neurological Society of India), Spine Committee, WFNS (World Federation of Neurosurgical Societies), APCSS (Asia Pacific Cervical Spine Society)

