

DR SUMIT SINHA

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Dr Sumit Sinha completed his neurosurgical training from All India Institute of medical Sciences, New Delhi, India. Immediately after obtaining his degree from the prestigious apex Institute of India, he was appointed in the institute as a faculty. Dr Sinha has since then obtained training working in various parts of the world with Neurosurgical stalwarts and enhancing his surgical training and expertise in the field of skull base surgery, cerebrovascular surgery and spine surgery; prominent among them being with Prof Hiroshi Sano (Japan), Prof Yoko Kato (Japan), Prof T Kanno (Japan), Prof Louis Vialle (Brazil), Prof B Meyer (Germany). Dr Sumit Sinha has been awarded the Young Neurosurgeon Award by the Japanese Cerebrovascular Surgery Society in 2009, and been invited for presenting his vast experience and research work both in the country and abroad several times. Prof Sumit Sinha has worked as faculty at the AIIMS, New Delhi for 15 years and was promoted to Professor of Neurosurgery in 2016. Presently, he is working as Director of Neurosurgery and spine surgery at Paras hospital. Gurugram.

Dr Sumit Sinha has been trained in spinal surgery and is a qualified teaching faculty for AO Spine (international) and AO India- education officer (Neurosurgery Spine), a non-profit organization for the dissemination of knowledge about spinal pathologies, all over the world. He is engaged in planning and executing various AO Spine teaching (webinars and courses) and research activities both in the country and abroad. His primary expertise and interest is in minimally invasive spinal surgery (MISS), wherein, he performs complicated spinal surgeries with minimal incisions, with the purpose of less pain and trauma to the patient and early return to activity.

Dr Sumit Sinha is an accomplished brachial plexus and peripheral nerve surgeon and has till now operated more than 500 complicated cases of brachial plexus and

nerve injury with a high success rate and has a largest experience of operating on such type of cases. He is actively involved in the teaching and training about brachial plexus injury and nerve injury. Prof Sumit Sinha was one of the founder secretaries of the Indian Society of peripheral nerve surgery (ISPNS), an organisation for the plastic surgeons, hand surgeons and neurosurgeons dealing with nerve injuries, which was formed in 2011. He has a successful brachial plexus fellowship program at his institute and has till now trained 5 fellows in brachial plexus injuries. He has published a book on the management of brachial plexus injuries. He has been nominated as the Member of the World Federation of Neurological Societies- Peripheral Nerve Section

Prof Sumit Sinha is the honorary secretary of Neurotrauma society of India (NTSI). He was instrumental in registering the society under the Indian society registration act, in 2020. He has been actively involved in teaching activities of the NTSI, under his tenure as secretary from 2017-ongoing. Prof Sumit Sinha also is the founding editor of Handbook of Neurotrauma, an annual official publication of the NTSI, which has seen two issues till now.

Dr Sinha is an accomplished researcher with several scientific research projects under his name, funded by national agencies such as ICMR, DBT etc. He has acclaimed several national and international awards to his name and has more than 150 publications in various peer-reviewed neurosurgical journals. The most prominent of his research projects being the role of stem cells in spinal cord injuries funded by the ICMR and DBT, for which he won the prestigious Young Investigator research grant.

Dr Sumit Sinha has been instrumental in establishing a cadaver training and research facility at JPNA Trauma Center (CTRF), AIIMS, New Delhi in 2014, which was funded by a generous research grant provided by the Indian Council of medical Research (ICMR), New Delhi, India. This facility is one of its own kinds in India and abroad, where young surgeons are trained to develop their surgical skills by practicing on human cadavers.

Dr Sumit Sinha is the key member of the core committee of traumatic brain injury guidelines formulation and implementation across the country.

Contribution to NSI

Prof Sumit Sinha has been instrumental in the formulation of NSI-NTSI Guidelines for management of traumatic brain injury. A practice document was

developed in consultations with representatives from NSI, covering recommendations from awareness and prevention to pre-, in-hospital care and neurorehabilitation aspects of TBI. The sole objective of developing these guidelines is to establish a standardized state of art care across India, so that all patients who sustain neurotrauma obtain similar care across the country. These guidelines have now been published as a vision document in the form of a booklet (Thieme pub. 2021).

Prof Sumit Sinha has 24 published articles in Neurology India (with 8 as first authors), the official publication of NSI. He has been a regular reviewer of the journal since 2007.

Contribution to Neurosciences

I. Formulated NSI-NTSI Traumatic Brain Injury (TBI) Guidelines for India-

A nationwide project was initiated in 2014 to create best practice care guidelines for healthcare professionals treating patients with a traumatic brain injury (TBI). A practice document was developed covering recommendations from awareness and prevention to pre-, in-hospital care and neurorehabilitation aspects of TBI. The sole objective of developing these guidelines is to establish standardized state of art care across India, so that all patients who sustain neurotrauma obtain similar care. The purpose of developing these Indian centered guidelines is to improve patient care by creating a framework for health professionals to effectively identify, prevent, and treat TBI.

Dr Sumit Sinha is the key member of the core committee of TBI guidelines formulation and implementation across the country. These guidelines have now been published as a vision document in the form of a booklet (Thieme pub. 2021).

2. Established Cadaver Training and Research Facility in JPNA Trauma Centre, AIIMS-

Dr Sumit Sinha established a cadaver training and research facility at JPNA Trauma Center (CTRF), AIIMS, New Delhi in 2014, which was funded by a generous research grant provided by the Indian Council of medical Research (ICMR), New Delhi, India. This facility is one of its own kinds in India and abroad, where young surgeons are trained to develop their surgical skills by practicing on human cadavers. The CTRF has been conducting various courses for surgeons and various medical personnel till date.

3. Dr Sumit Sinha has published more than 150 research papers in various indexed national and international journals, had completed research on more than 20 research projects and published 20 chapters in various books till now. He has published a total of 4 neurosurgical books till now. The h-index of his publications is 15 and his publications carry a total citation number of 674.

4. He has won numerous best paper and poster awards at various conferences in the past, namely at Spine week 2016, AANS 2015 and 2014, ANTC 2013, 2015, NSI 2007 and 2012, Skull base conference 2007 and TRAUMACON 2008.

5. He has been Associate editor Indian Journal of Neurotrauma and Indian Journal of Neurosurgery 2013-14

6. He is reviewer of various national and international journals