Dr. Tushar Satish Kunder

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PROFESSIONAL SUMMARY

Highly motivated orthopaedic surgeon with a special interest and training in spine surgery looking for an environment to utilize and enhance his knowledge, experience and skills for ensuring patient care of utmost quality. An open minded clinician able to converse with patients in many languages including **Tulu, Kannada, Malayalam, Hindi, Marathi, Gujarati & English**. Has a passion for **research** and **teaching**.

EDUCATION

* Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.) from **Yenepoya Medical College**, Mangalore affiliated to **Rajiv Gandhi University of Health Sciences**, **Karnataka** in 2012 with one year rotating internship.
* Master of Surgery (Orthopaedics) from **Smt. NHL Municipal Medical College** with three years residency at **Vadilal Sarabhai General Hospital** affiliated to **Gujarat University**, Ahmedabad, Gujarat in 2017 with dissertation titled “**Results of Bone Allograft in Fracture Healing”.**
* **Currently working as a Spine Fellow in the Bombay Hospital and Medical research Centre, Mumbai under the mentorship of Dr. Arvind G. Kulkarni**

Work History

* **Senior Resident - Dept. of Orthopaedics** : Sept 2017 – July 2018 Srinivas institute of Medical Sciences and Research, Mangalore.
* **Fellow in Spine Surgery :** Aug-2019 – present Bombay Hospital and Medical Research Centre, Mumbai under the mentorship of **Dr. Arvind Kulkarni**

PRESENTATIONS AND PUBLICATIONS

* Presented a paper “Which is better in Labourers, A Comparison of Open and Micro Endoscopic Discectomies”, as an Oral Presentation at the **World Congress of Minimally Invasive Spine Surgery and Techniques, held at Paris, France May 2017.**
* Presented a paper “Learning Curve for Minimally Invasive Spine Surgeries: A Retrospective Review from five years of MISS Technique”, as an Oral Presentation at the **World Congress of Minimally Invasive Spine Surgery and Techniques, held at Paris, France May 2017.**
* Presented a paper **“Microtubular Discectomy under Local Anaesthesia”** at MISSICON 2018 and subsequently won the Award for **Best Paper.**
* Presented a paper **“Is long segment fixation a rule in fractures associated with Ankylosing Spondylitis?”** at MOACON 2018 held in Pune.
* Presented a paper “**The Graduation From Small To Smaller: Evolution Of Tubular Retractors From 18mm To 14mm In Management Of Lumbar Disc Herniation”** at ASSICON 2018 held in Ahmedabad.
* Presented a paper **“Microtubular Discectomy under Local Anaesthesia”** at ISSICON 2019 held at New-Delhi.
* Presented a paper **“Are there differences between patients with extreme and non-extreme lumbar canal stenosis in terms of pain, function or complications following spinal decompression using a tubular retractor system? A comparative study”** in the award category at MISSICON 2019 held at Chandigarh.
* Presented a paper “**A cooling lumbar corset: Is it the answer for reduction of post-operative narcotic use?”** in the innovation category at MISSICON 2019 held at Chandigarh.
* Presented a paper “**Surgical Site Infections in Spine: The burden to a developing economy”** at ICS 2019 held at Mangalore.
* Presented a paper “**Outcomes Of Coccygectomy using the ‘Z’ Plasty Technique of Wound Closure”** in the prestigious K.S. Masalawala gold medal category at WIROC 2019 held in Mumbai.
* Presented a poster **“Is Long Segment fixation a rule in fractures associated with ankylosing spondylitis”** at MISSICON 2018
* Presented a poster **“Outcomes of Coccygectomy using the ‘Z Plasty Technique of Wound Closure”** at ISSICON 2019
* Presented a poster **“Pioneering 12mm METRx tube for Tubular Discectomy: Results of a Pilot Study”** at MISSICON 2019
* Presented a poster on “ A Rare Case of 2 months old Neglected Fracture Dislocation of Ankle of a 35 year old Male, Treated with a two stage approach”, at the Academic meet held at the AMC MET medical college, September 2016.
* Authored a paper **“ Are There differences between patients with extreme stenosis and Non-extreme stenosis in terms of pain, function or complications after spinal decompression using a tubular retractor system.”** Published in “Clinical Orthopaedics and Related Research (October 2019)
* Authored a Paper **“ Can we stay miles away from Ryle’s: Utility of a nasogastric tube in anterior spine surgery?”** accepted for publication in Journal of Craniovertebral Junction and Spine 2019.
* Authored a paper **“ Graduation Of The Learning Curve From Small To Smaller: Evolution Of Tubular Retractors From 18mm To 14mm In Management Of Lumbar Disc Herniation.”** Published in “Journal of Minimally Invasive Spine Surgery and Technique (August 2019)
* Authored a paper **“ Tubular Micro-Discectomy Under Local Epidural Anaesthesia: A Technical Note.”** Published in “Journal of Minimally Invasive Spine Surgery and Technique (August 2019)
* Published a paper “Outcomes of open pediatric tibial fractures by titanium elastic nail versus external fixation”in **GLOBAL JOURNAL FOR RESEARCH ANALYSIS**
* Published a paper “Analysis of results of proximal femoral nail versus Dynamic Hip Screw in Type 2 Intertrochanteric Femur Fractures” in **INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH**.
* Have multiple studies under review in peer reviewed journals at the moment.
	+ A Scoring system for degenerative spondylolisthesis
	+ A Technical report on a new minimally invasive technique for treatment of far lateral disc herniation.
	+ A Technical report on a novel method to treat odontoid fractures with a congenitally fused C2-C3 vertebra
	+ A study on the feasibility of a gastroesophageal tube in anterior cervical surgery
* Have multiple innovative projects in the field of spine in the pipeline including
	+ A C-Arm Proximity Sensor.
	+ A Lumbar corset belt with a built in cooling device.
	+ An intra-operative detachable lead gown.

Academic Participation

* Attended **WIROC 2019** held in Mumbai 2019.
* Attended a 3 day **“ Advanced Cervical Spine Course”** held by **IASA** and Globus medical in Bengaluru 2019
* Attended **“Instructional Spine course”** conducted by **ASSI** held in Mangalore 2019
* Attended a 3 day **“Advanced Cervical Spine Workshop”** held by the **Bombay Orthopaedic society** in Mumbai 2019
* Attended the **NSSA’s P. S. Ramani Spine Masters course** in 2019.
* Attended a 3 day **“MIS Live CAD 2019**” a cadaver workshop in minimally invasive spine surgery held at M.S. Ramiah institute by the Minimally Invasive Spine Surgeons Association Bharat
* Attended **“Spine Bootcamp”** an instructional workshop in the basics of Spine Surgery by **ISPINE at Mahabalipuram** in 2019.
* Attended the **Minimally Invasive Spine Surgery Conference 2018** and **2019.**
* Attended the **Maharashtra Orthopaedic annual Conference 2018** held in Pune
* Attended the **Association of Spine Surgeons of India annual Conference 2018** held in Ahmedabad.
* Attended the **KOACon held in 2018** at Mangalore.
* Attended the **World Congress for Minimally Invasive Spine Surgery and Techniques held in Paris, France in May 2017**.
* Attended the **Gujarat Orthopedic Association conference held in 2017**.
* Attended a 3 day workshop on Advanced Trauma Life Support in NHL Municipal Medical College.
* First place in the intercollegiate IAP Paediatrics Quiz Competition and qualified for the district level competition.
* Attended a 3 day conference on emergency medicine.
* Attended a conference on oculoplasty and oculofacial rejuvenation.
* Taken active part in an eye donation campaign undertaken by the college.
* Active part in various community health programs for awareness among the rural populace.
* Attended a surgical workshop on gastrointestinal and vascular surgery.
* Attended a one day seminar on Basic life support.

Affiliations

* Active member of the Association of Spine Surgeons of India.
* Active member of the Bombay Spine Society.
* Active member of the Canara orthopaedic society, Mangalore.
* Independent reviewer at.
* Spine.
* Global Spine Journal.

Additional Information

* Was Head of the College committee for managing a major cultural event in the college.
* Active participation in sports such as volleyball and cricket.
* Keen interest in cooking.