

Royal Care Super Speciality Hospital and
Indian Medical Association, Palakkad
Cordially invites you for the

CME PROGRAMME

On Saturday
June 08, 2019 @ 7.30 pm
@ IMA Hall, Palakkad

TOPIC	SPEAKER
Endoscopic Spine Surgeries	Dr. M. Sudhakaran MS (Ortho), DNB (Ortho), MNAMS, MRCS (ED), FNB (Spine Surgery), Fellow in Endoscopic Spine Surgery (Endorsed by IETSS) Consultant Spine Surgeon & Spine Endoscopist

Followed by Dinner

Dr. Narayanan Kutty
Secretary, IMA, Palakkad

Dr. Abdul Hakeem
President, IMA, Palakkad

All are Invited . . .



Dr. M. Sudhakaran

MS (Ortho), DNB (Ortho), MNAMS, MRCS (ED),
FNB (Spine Surgery),
Fellow in Endoscopic Spine Surgery (Endorsed by IETSS)
Consultant Spine Surgeon & Spine Endoscopist

Professional Qualification

- ▶ Undergraduate
M.B.B.S - Madras Medical College - Batch (2001-2006)
- ▶ Postgraduate
M.S (Ortho) - Calcutta National Medical College, Kolkata Batch (2008-2011)
- DNB (Ortho)** - Post-MS secondary DNB, BATCH-Dec 2011 session
- MNAMS** - Accredited by National Academy of Medical Sciences, 2011
- MRCS FNB (Spine Surgery)** - From royal college of EDINBURGH in 2015
- Fellow Endoscopic Spine Surgery** - MIOT hospitals, Chennai (Batch (2013-2015))
- Fellow Endoscopic Spine Surgery** - Endorsed by IITSS (2016)

Work Experience

- Senior Residency** - Ram Manohar Lohia Hospital & Postgraduate Institute of Medical Education & Research (PGIMER), NEW DELHI Period: 2011-2013
- Assistant Professor** - Dept. of Orthopaedics, PSGMER, Coimbatore Period 2015-2016
- Present Position** - **Consultant Spine Surgeon**
Royal Care Superspeciality Hospital,
Coimbatore.

Field of Activity

- ▶ Providing medical education to medical graduates
- ▶ Doing expertise surgery in SPINE
- ▶ Master in advanced spine surgery (MIS- MINIMALLY INVASIVE SPINE SURGERY & ENDOSCOPIC SPINE SURGERY)
- ▶ Pioneer in SPINE NAVIGATION SURGERIES (Computer navigation) in SOUTH INDIA.

Awards and Presentations

- ▶ Awarded BEST OUTGOING STUDENT in postgraduate institution (West Bengal University of Health Sciences, Calcutta National Medical College).
- ▶ Second Topper in MS(ORTHO) University Exam
- ▶ One out of ten surgeons from all over India selected for National Board Fellowship in Spine Surgery (Recognized By MCI) in 2011.
- ▶ Presented Lecture on " POST LENKE CLASSIFICATION" in AO Spine Scoliosis Week in AMRITA, Cochin, 2 may 2016.
- ▶ NATIONAL FACULTY in 8th INTERNATIONAL Cadaveric Workshop and Training course (on techniques of transforaminal endoscopic spine surgery) in MS Ramaiah advanced Learning Center, Bengaluru
- ▶ National faculty in ICRA PAIN (INTERNATIONAL CONFERENCE ON REGIONAL PAIN management) in PUNE, may 2017
- ▶ NATIONAL FACULTY in NEWS(National Endoscopic Workshop in Spine) ,PRESENTED LECTURE on "COMPLICATIONS AND ITS AVOIDANCE IN ENDOSCOPIC SPINE SURGERY" Organized by East West Trust (Operative Spine Forum) on 18-20 May, in Lilavati Hospital, Mumbai.
- ▶ National Faculty and presented lecture on "ACCESS TO THE DISC THROUGH FORAMEN" in Spine update- Indore spine society, INDORE, Feb 2019.

CENTER FOR ADVANCED SPINE SURGERY

NAVIGATION - ENDOSCOPY - MIS SPINE SURGERY

Common spine problems we treat are :

▶ Back Pain ▶ Neck Pain ▶ Spondylolisthesis - one spinal bone is slipped over the other ▶ Prolapsed intervertebral disc (commonly known as slipped disc) ▶ Spine fractures ▶ Osteoporosis in spine (weak bones) ▶ Spinal deformities- Scoliosis and Kyphosis (commonly called crooked spine) ▶ Spinal infections - tuberculosis, bacterial, fungal, etc... ▶ Spinal tumours - malignant and benign

We have "STATE OF THE ART OPERATION THEATRE" (SPINE OT) with high end operating tools for best precision of spine surgeries.

We use intra-operative real-time neuro monitoring (**NIMECLIPSE-II, medtronic**), a cutting edge technology, which can help in reducing the risk of paralysis and nerve damage during complex spinal surgery such as deformity correction.

Minimally Invasive Spine Surgery

▶ Minimally invasive spine surgery (MIS), is an alternative to traditional "open" surgery.
▶ MIS was developed to treat disorders of the spine with less disruption to the muscles.

Endoscopic Spine Surgery

▶ No General/Spinal Anaesthesia ▶ "Sutureless" Procedure
▶ No hospital stay (Day care) ▶ Quick return to work ▶ Less painful

Computer Assisted Navigation Spine Surgeries With Intra-op CT

(O-ARM, Medtronic, Stealth Station Navigation Machine.)

▶ MIS TLIF ▶ Complex Fracture Fixation ▶ Occiput-C1 & C2 Fixation
▶ Dysplastic Pedicle in Scoliosis for Deformity correction



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