October 11, 2008

Master's Course on Minimally Invasive Spine Surgery

Indo-German Orthopaedic Foundation

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VENUE: MIOT HOSPITALS
NO REGISTRATION FEE

IGOF MASTER'S COURSE ON
MINIMALLY INVASIVE SPINE SURGERY

PROGRAMME : Saturday, October 11, 2008

Registration : 8.00am - 8.30 am

1. Gong – MIOT Anthem
2. Welcome by Prof. Dr. P.V.A.Mohandas
3. History of IGOF by Dr. Prithvi Mohandas
4. Inaugural address by Prof. Dr. S.S.K. Marthandam
5. Stabilization of the Spine – Present Scenario by Dr. C.S.Dhilion
6. Dynamic Stabilization of Lumbar Spine – Concept, Rationalization & Experience by Prof. Fibrazi
7. Indian Experience by Niraj Vasavada
8. Tea
9. Live Surgery (DIAM™)
10. LUNCH
11. Multi-level Percutaneous Screws - Concept, Rationale & Experience by Dr. Ralph Gahr
12. MIOT Experience by Dr. Niraj Vasavada
13. Live Surgery
14. Discussion

Note: Last date for receipt of application: October 08, 2008.

Indo-German Orthopaedic Foundation

Dear colleague,

Greetings from Indo German Orthopaedic Foundation, Chennai. I take great pleasure in inviting you for the 1st IGOF Spine Course on Minimally Invasive Spine Surgery in Chennai, to be held on Saturday, October 11, 2008 at 8.30 a.m. at The Auditorium, MIOT Hospitals, 4/112/ Mount Poonamallee Road, Manapakkam, Chennao - 600089.

In past 50 years, Spine surgery has emerged as one of the fastest growing disciplines of medicine. With growing experiences in spine surgery, the surgical fraternity has witnessed a flip side of open spine surgeries. Extensive epidural and paraspinal scarring, loss of posterior tension band, delayed rehabilitation, loss of working hours etc, have raised concerns and have paved the way for the development of Minimally Invasive Spine technologies. We, in this spine course, have tried to present a few of many minimally invasive spine technologies, namely:

1) Dynamic stabilization of degenerated lumbar motion segment using DIAM™
2) Percutaneous pedicle screw fixation of thoraco-lumbar spine

Dynamic stabilization of degenerated lumbar motion segment using DIAM™:

The DIAM™ (Device for Intervertebral Assisted Motion) Spinal Stabilization System provides flexible support of the lumbar spine while treating spinal degeneration. It has some benefits over conventional spinal fusion. DIAM™ fits between the interspinous processes and functions as a shock absorber that reduces loads on the surroundings vertebrae. It only requires a small incision to implant which can reduce scarring, reduce blood loss, shorten surgery time and hasten recovery time. It also negates the possibility of adjacent segment disease (ASD). Thus DIAM™ provides an alternate to fusion surgery with comparable outcomes.

Percutaneous pedicle screw fixation of thoraco-lumbar spine:

Disadvantage of conventional pedicle systems are:
• Extensive soft tissue dissection • Blood loss • Extensive scar tissue formation postoperatively
Leads to delayed recovery resulting in prolonged hospitalization, increased cost to patients, and increased incidence of scar induced back pain.

Percutaneous pedicle screw fixations:
• Do not need extensive soft tissue dissection • Avoids large midline incision •Avoids significant paraspinal muscle dissection
• Screws and precontoured rod are inserted from a separate stab incision • Less blood loss • Dilation of paraspinal muscles to insert screws
This results in less scar tissue formation and rapid rehabilitation.

Yours Sincerely,

Prof. Dr. S.S.K.Marthandam
President, IGOF

The Faculty:

DR.RALF H. GAHR

Dr. Ralf H. Gahr is an orthopaedic trauma surgeon with specialist qualifications in surgery, trauma surgery, hand surgery, surgical intensive care and orthopaedic surgery. He heads the trauma center at St. Georg Hospital, Leipzig, Germany. He is a spine trauma surgeon of international repute and a researcher who has designed many implants for the betterment of bone fracture and spinal surgeries. He has contributed immensely to spine and trauma surgeries by being an active member of many reputed international organizational boards including Spine Trauma Study Group. He has also contributed academically by being on the editorial boards of many peer reviewed journals.

DR. ANTONIO PAOLO FABRIZI

Dr. Antonio Paolo Fabrizi is a neuro-spine surgeon with a specific interest and specialization in Minimally Invasive Spine surgeries. Dr. Fabrizi, a frequent faculty to many spine meets and conferences, is known for his endoscopic spine surgeries for cervical, thoracic and lumbar discs. He has honored boards of many reputed international hospitals including the well-known Mayo Clinic. He has the largest series of DIAM™ with probably the longest follow-up.

Venue:

MIOT Hospitals - Pride of Chennai

This year's venue for IGOF is one of the country's leading hospitals and a renowned centre for Orthopaedics in India. MIOT was the first hospital to bring Computer Navigated Surgery to the Asia Pacific and is a pioneer in promoting minimally invasive techniques, keyhole and pinhole surgery. MIOT's orthopaedic team has completed 35,000 surgeries, including hip and knee replacements, on patients from all over the world.

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