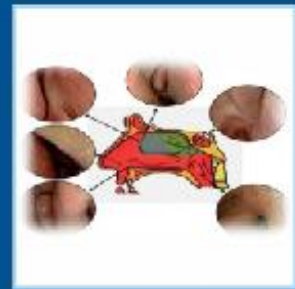
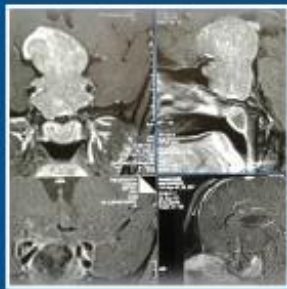




ANTERIOR SKULL BASE CADAVERIC COURSE

ENDOSCOPIC BASICS & BEYOND



Flipped Education Course

This FLIPPED Course is designed for neurosurgeons to advance their knowledge in endoscopic skull base surgery. This 3D FIVE weeks online course will cumulate with Hands On cadaveric training on 12 March 2017. This 3D course uses the best of flipped education methods and APP based tools. There will be 5 podcasts and 5 online evaluations. The course encompasses the best of virtual world education and real World cadaver training.

Dr. Sudhir Dubey
Dr. Deepak Bhangale
Medanta – The Medicity

Venue:
M. S. Ramaiah
Advanced Learning Skill Centre
Bangalore

Medtronic
Further. Together

OBJECTIVES

- The course will ensure that participants recognize sinonasal anatomical corridors.
- To make surgeons more competent in anterior skull base surgery.
- They will be able to identify important landmarks and differentiate various structures.
- To be able to identify and navigate nasal corridors to treat common sinonasal pathologies.
- The participants will be able to form a list of complications and will be imparted basic competence to handle endoscopes in difficult situations like bleeding etc
- They have hands on experience in real time navigation, high powered drill and micro-debrider



PODCAST
February 2017



HANDS ON
12th March 2017

Contact : +91-9899658997

Department of Minimally Invasive
Neurosurgery, Institute of Neurosciences,
Medanta – The Medicity, Sector 38,
Gurgaon – 122001, Delhi NCR



StealthStation® S7 • Navigation



Navigated Anterior Skull Base Cadaveric Course

Date: March 12th, 2017

Venue: MS Ramaiah advanced skill learning lab, Bangalore

Course objective:-

The first of its kind 3D course with Flipped education method of five week online podcasts with hands on cadaveric workshop has been specially designed for aspirant neurosurgeons who wish to enhance their ASB surgical skills.

At the end of the Course, attending Surgeons will be more confident in performing Navigated Anterior Skull base Surgeries by practicing on

- Sino nasal Anatomical Corridors
- Handling Endoscope in difficult situations like Bleeding etc. & listing the complications
- Identifying & differentiate various structures
- Real time Navigation, Powered Drills & Micro Debriders

Faculty - Dr Sudhir Dubey and Dr Deepak Bhangale

Agenda:

Session I – ASB – Didactic lectures		
Time	Topic	Speaker
09:00am	Welcome address	
09:10am	Endoscopic anatomy of the nose	Dr Deepak Bhangale
09:25am	Radiological Anatomy of ASB	Dr Sudhir Dubey
09:40am	The 12 steps (passes) to dissection with emphasis on complications avoidance	Dr Sudhir Dubey
10:00am	Pituitary Surgery stepwise	Dr Sudhir Dubey
10:15am	OR set up & Equipment	Dr Deepak Bhangale
10:30am	Tea Break	
Session II - Cadaver Hands on workshop - MAST		
10:45am	Move to cadaver lab	
10:45 - 12:30pm	Navigated ASB Surgery & Non Navigated ASB Surgery	2 workstations each
12:30 - 01:15pm	Lunch	
01:15 - 03:30pm	Navigated ASB Surgery & Non Navigated ASB Surgery	2 workstations each
04:00PM	Certification and adjourn	

NAVSpine - MAST Cadaver Course

Venue: MS Ramaiah Advanced Learning Center, Bangalore

Date: 11th March'2017

Course Objective: This course is designed for spine surgeons who desire to further enhance the surgical excellence on **Minimal Access Spinal Technologies** through **Navigation** in innovative Medtronic therapies. One day program is highlighted by lectures, case discussions & cadaveric hands-on workshop on **Navigation** enabled MAST procedures under the guidance of distinguished faculty.

It's a day certification course where you would be enriched with the latest advances in field of spine surgery.

Agenda

Faculty: Dr Nitin Garg

09:30 - 09:40am	Welcome & Introduction
09:40 - 10:10am	Principles of Imaging Techniques – Navigation
10:10 - 10:30am	MAST Decompression Techniques (Approaches & Land Marks)
10:30 –10:40am	Tea Break
10:40 – 11:00am	Navigation Enabled MAST TLIF
11:00 –11:20am	Navigation enabled percutaneous pedicle screw fixation techniques
11:20 –11:30am	Proceed to Lab

Cadaver Sessions

11:30 to 01:30pm	Cadaver Hands on workshop – Minimally invasive discectomies & TLIF
01:30 to 02:00pm	Working Lunch
02:00pm to 03:30pm	Cadaver Hands on Workshop – Percutaneous pedicle screw fixations
03:30pm onwards	Q & A, Certification & Adjourn