



**NOBEL INSTITUTE OF
NEUROSCIENCES**

Nobel
Medical College
Teaching Hospital (P) LTD.
affiliated to Kathmandu University

CSBC

Comprehensive Skull Base Course

An extensive skull base and vascular course
accredited by WFNS & ACNS



COURSE OUTLINE

Week 1 – 7: LECTURES
2 hours/week with discussion



Week 8: Cadaver Lab & OR
Days 1, 2 & 3



Week 8: Assessment
Day 3

Format: all lectures will be delivered in online format.

Duration: 8 weeks

Cadaver Lab & OR Location: Nobel Institute of Neurosciences, Nepal





MR imaging for early assessment
Histopathology examining extent of acute injury and neuroanatomocystic morphology
31P MR Spectroscopy for energy and brain pH
1-13C glucose, 2-13C acetate (glia), 3-13C lactate (neuron) substrate infusions -MR spectroscopy (in vivo and bench in vitro) experiments for assessment of metabolic compartments

MR Spectroscopy for energy and brain pH
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LECTURES

- ❑ Anterolateral; Posterolateral & Endoscopic Skullbase
- ❑ Surgical Strategies with videos & discussion
- ❑ Radiological Anatomy & correlation with surgical strategy



CADAVER LAB

- ❑ Cadaver dissections for Skullbase approaches
- ❑ Anterolateral; Posterolateral & Endoscopic



How to use Technology for better results

- ❑ Usage of Hi-tech OR combining Microscope, Endoscope & Navigation for better surgical results

COURSE OUTLINE

<u>DATE</u>	<u>TOPIC</u>	<u>FACULTY</u>
February 3, 2019	Skullbase basics – Anterolateral	Iype Cherian
February 10, 2019	Endoscopic Skullbase basics	Vinod Felix
February 17, 2019	Lateral Skullbase basics	Sampath Chandra Prasad
February 24, 2019	Care of Endoscope and uses	Sunil Verma
March 3, 2019	Carotid in relation to Skullbase	Iype Cherian
March 10, 2019	Cases & Discussion	ALL
March 17, 2019	Cases & Discussion	ALL
Hands-On Cadaver Workshop (Center: Institute of Neurosciences, Nobel Medical College & Teaching Hospital)		
<u>Day 1</u> March 20, 2019	<u>Day 2</u> March 21, 2019	<u>Day 3</u> March 22, 2019
Assessment Exam: March 22, 2019		

**all lectures will be conducted online from 5:00 – 7:00pm (Indian Standard Time)*



REGISTRATION

Deadline: January 15, 2019

Eligibility:

- Completion of Medical School (MBBS / MD or equivalent)
- Neurosurgical Interns / Residents / Fellows / Consultants

Certification:

- Full Attendance in all online lectures (total hours: 14) & 3 days Cadaver Workshop
- Successful clearance of assessment exam

Course Registration Fee*: (includes 3-days accommodation for Cadaver Workshop in Nepal)

- Early Bird: USD 1500
- Late Registrations: USD 1750

**to be paid through bank deposit*

How to register:

Log on to www.asianyns.org and complete the online registration form for CSBC Course

Submit the registration fee via Bank Deposit to the account details provided on the website

(Note: only complete applications will be accepted)

FOR REGISTRATION



 **HIRA BURHAN**

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COURSE DIRECTOR
Iype Cherian

CORE FACULTY
Vinod Felix
Narayanan Janikaram
Sampath Chandra Prasad
Narayanan Prepageran

REGIONAL CO-ORDINATORS
Deepak Bhangale
Rakesh AV

COURSE IN-CHARGE
Hira Burhan