



APPLICATION SAFETY

INTRACRANIAL NEUROENDOSCOPY

Training course and workshop for safe application
of Aesculap neurosurgery instruments and products

28 - 30 October 2021
Tuttlingen | Germany

Neuroendoscopy has become an accepted diagnostic and therapeutic tool for aneurysms, tumors, hydrocephalus and other intracranial lesions.

However, indication and implementation of cranial, endoscopic operations is not possible without technical basics about visual systems, trocar systems and neuroendoscopes. Knowledge in cranial endoscopic anatomy and experience in the use of endoscopes for micro-neurosurgical operations are mandatory for the safe treatment of patients. Therefore, neurosurgeons and residents in neurosurgery have a need to be trained in using such a system in order to learn technical advances in neuroendoscopy and the variety of operative techniques that are available.

PREFACE

This course concept is developed with an experienced faculty of neurosurgeons in cooperation with B. Braun Aesculap. It provides an excellent opportunity to learn both theoretical knowledge and practical skills about the safe application of the Aesculap neurosurgery instruments and products.

The participating neurosurgeons will have the benefit of experts providing direction, supervising practical exercises and answering questions specific to minimally invasive approaches by means of, case studies and hands-on training.

Charles Teo, MD
Center for Minimally Invasive Neurosurgery
Prince of Wales Private Hospital

Veronika Bichlmeier
Product Manager | Aesculap AG



PROGRAM

THURSDAY, 28 OCTOBER 2021

9.00 am	Welcome and introduction	
9.15 am	Concept of minimally invasive neurosurgery	<i>Teo</i>
9.45 am	Basic endoscopic principles	<i>Teo</i>
	■ Room set-up	
	■ Choice of equipment	
	■ Applications	
10.15 am	Review ventricular anatomy	<i>Bittl</i>
10.45 am	Coffee break	
11.00 am	Practical exercise session	<i>all</i>
	■ Introduction to intraventricular neuroendoscopic system	
	■ Endoscope handling	
12.00 am	Hydrocephalus: endoscopic third ventriculostomy, choroid plexus coagulation and aqueductoplasty	<i>Bittl</i>
12.30 pm	Lunch	
1.30 pm	Intracranial cysts: endoscopic fenestration	<i>Grotenhuis</i>
2.00 pm	Intraventricular tumors and colloid cysts: endoscopic management	<i>Bittl</i>
2.45 pm	Coffee break	
3.00 pm	Practical exercise session	<i>all</i>
	■ Endoscopic management of hydrocephalus and intraventricular tumors	
5.30 pm	Closing remarks of day 1	
5.45 pm	End of day 1	
7.00 pm	Course Dinner	

PROGRAM

FRIDAY, 29 OCTOBER 2021

8.00 am	Optional: Factory tour	
9.00 am	Concept of endoscopic assisted microsurgery	<i>Teo / Grotenhuis</i>
9.30 am	Supraorbital keyhole approach: anatomy and indications	<i>Grotenhuis</i>
10.00 am	Coffee break	
10.30 am	Practical exercise session Supraorbital keyhole approach	<i>all</i>
12.30 pm	Lunch	
1.30 pm	Retrosigmoidal keyhole approach: anatomy and indications	<i>Grotenhuis</i>
2.45 pm	Coffee break	
3.00 pm	Practical exercise session ■ Retrosigmoidal keyhole approach	<i>all</i>
4.45 pm	Further keyhole approaches (Mini-pterional, etc.)	<i>Teo</i>
5.15 pm	Closing remarks of day 2	
5.30 pm	End of day 2	



PROGRAM

SATURDAY, 30 OCTOBER 2021

9.00 am	Concept of endoscopic anterior skull base surgery	<i>Lipina</i>
10.00 am	Tumors in the pituitary gland	<i>Cudlip</i>
10.30 am	Coffee break	
10.45 am	Practical exercise session ■ Endonasal approach	<i>all</i>
12.30 pm	Lunch	
1.30 pm	Extended endonasal approach	<i>Lipina / Cudlip</i>
2.30 pm	Practical exercise session ■ Extended endonasal approach	<i>all</i>
4.00 am	Coffee break	
4.15 pm	Case presentations – pearls, pitfalls, precautions	<i>Teo</i>
5.00 pm	Closing remarks of day 3 & evaluation	
5.30 pm	End of day 3	



INFORMATION

COURSE DIRECTOR

Charles Teo, MD
Randwick | Australia

FACULTY

Markus Bittl
Stuttgart | Germany

Simon Cudlip, MD
Oxford | United Kingdom

André Grotenhuis, MD
Nijmegen | The Netherlands

Radim Lipina, MD
Ostrava | Czech Republic

PRODUCT MANAGEMENT

Veronika Bichlmeier
Aesculap AG | Tuttlingen

TRAINING MANAGEMENT

Manuela Bezela
Aesculap AG | Tuttlingen

VENUE

AESCULAPIUM
Am Aesculap Platz- Platz | 78532 Tuttlingen | Germany

ORGANIZATION

AESCULAP AKADEMIE GMBH
Sandra Dentlinger | Am Aesculap-Platz | 78532 Tuttlingen
Phone +49 7461 95-2186 | Fax +49 7461 95-2050
sandra.dentlinger@aesculap-akademie.de

INFORMATION

HANDLING FEE

As this training course is a course for safe application of our products, B. Braun might cover the occurring costs (including lectures, workshops, hotel accommodation, food & beverages).

If you are interested that one of your healthcare professionals should participate at the course, we kindly ask to contact your B. Braun contact person for registration.

COMPLIANCE

We would like to inform you, that B. Braun – being a full member of Med Tech Europe – has adopted as well the Code of Ethical Business Practice. We are committed to the following guidelines for all the events that we organize centrally. We also apply these guidelines in the direct interaction with healthcare professionals irrespective of their nationalities. We are neither permitted to cover meals, nor travel, accommodation or other expenses for spouses or guests of healthcare professionals. The travelling schedule has also to be directly related to the event. We kindly ask you to bear that in mind. Please find attached the link to the relevant Code of Ethical Business Practice for further information. https://www.medtecheurope.org/wp-content/uploads/2017/06/MedTech-Europe-Code-of-Ethical-Business-Practice-QA_December-1.pdf

DATA PROTECTION

We process your data exclusively for the purpose of carrying out, organizing and following up events. The legal basis for this processing is the contract you enter into with us when registering for an event. In order to process your event participation, your data may be passed on to third parties (e.g. hotel) or within the B. Braun Group to the extent required.

You can object to the use of your data for advertising purposes at any time. For this purpose, please contact Aesculap Akademie GmbH, Am Aesculap-Platz, 78532 Tuttlingen, Germany or send an e-mail to datenschutz@aesculap-akademie.de. The same applies to the exercise of your rights as a party concerned (e.g. right to information).

For more information on data protection at the Aesculap Academy, please visit our [website](#).

The Aesculap Academy is one of the leading medical forums for everyone who is professionally, passionately and ambitiously committed to people's health. To those medical professionals we offer top quality knowledge transfer based on globally recognized quality criteria using innovative methods and technologies.

DIALOG – DEDICATED TO LIFE.

The Aesculap Academy has its roots in the company B. Braun, which has been protecting and improving people's health for more than 180 years. With our courses, hands-on trainings and symposia we help to honor our parent company's promise of SHARING EXPERTISE.

The courses at the Aesculap Academy offer participants who want to continue to learn in an inspiring environment knowledge transfer and teaching that are adapted to real life: lifelong learning, true-to-life training situations and realistic content for a better life for patients and medical staff.

AESCULAP AKADEMIE GMBH
Am Aesculap-Platz | 78532 Tuttlingen | Phone +49 7461 95-2001

AESCULAP AKADEMIE GMBH
im Langenbeck-Virchow-Haus
Luisenstraße 58-59 | 10117 Berlin | Phone +49 30 516 512-0

AESCULAP AKADEMIE GMBH
Gesundheitscampus-Süd 11-13 | 44801 Bochum | Phone +49 234 902 181-0
info@aesculap-akademie.de | www.aesculap-academy.com