APPLICATION SAFETY

NORMAL PRESSURE HYDROCEPHALUS (NPH)
Training course and workshop for safe application of Aesculap Miethke Shunt Systems

10 – 11 September 2018
Potsdam | Berlin
Germany
Dear colleagues

On behalf of the course directors, the faculty, B. Braun Aesculap and the Aesculap Academy, I would like to invite you to come to Berlin to participate in our unique course about Normal Pressure Hydrocephalus (NPH).

During the last 15 years NPH has become a much better recognized and understood clinical condition. The number of diagnosed patients is rapidly growing, establishing the demand for clinical standards in patient care and follow up.

**PREFACE**

We would like to share our experience in regard to diagnosis and management with you, discuss cases and patient examples. We will also demonstrate the placement of a gravitational shunt in a live surgery and provide special insight into our daily hydrocephalus practice to avoid complications and provide information about the best follow up routine.
The course concept provides an excellent opportunity to get both theoretical knowledge and practical training on the safe application of the Aesculap Miethke Shunts Systems.
It is designed for general neurosurgeons taking care of the growing number of patients with NPH but also for the experienced hydrocephalus specialist who wants to gain advanced knowledge and discuss sophisticated hydrocephalus issues.

We look forward to seeing you at this exciting course program in Potsdam and Berlin.

Best regards and a warm welcome

Michael Fritsch
Chairman of the Neurosurgical Department,
Klinikum Neubrandenburg | Germany
PROGRAM

MONDAY, 10 SEPTEMBER 2018

08.15 am   -> Transfer from the hotel
09.00 am   Welcome address & introduction
09.30 am   History of NPH
09.40 am   Epidemiology
09.55 am   Pathophysiology
10.10 am   Diagnostic - part 1
   - Clinical picture
   - Non-invasive diagnostic and spinal tap test
10.55 am   Coffee break
11.15 am   Diagnostic - part 2
   - Clinical diagnostic - How I do it
   - Invasive diagnostic
11.45 am   Keynote lecture
12.30 pm   Lunch
01.15 pm   Valve technology
   - Miethke gravitational valves and alternatives
   - Why gravitational valves? Clinical aspects
02.00 pm   Operation technique
   - Shunt surgery
   - Endoscopic surgery
02.30 pm   Outcome
   - How to measure clinical success?
   - Study findings
03.30 pm   Coffee break
03.45 pm  Factory tour
04.15 pm  Hands-on workshop
  ❙ How to adjust proGAV 2.0
  ❙ Application of telemetric Sensor Reservoir
  ❙ Simulation of overdrainage complication
  ❙ proFlow – a new concept of a flow reducing device
06.30 pm  Course dinner
09.00 pm  -> Transfer to the hotel
PROGRAM

TUESDAY, 11 SEPTEMBER 2018

07.30 am  Transfer to the Aesculap Academy Berlin
09.00 am  VP-Shunt implantation
  - Live operation of a proGAV 2.0
  - Discussion
10.40 am  Coffee break
11.00 am  How to measure success? Clinical outcome
  - Follow up / How do I do it?
11.45 am  Keynote lecture
12.45 pm  Lunch
01.30 pm  Complications
  - Infections
  - Over- / Underdrainage
  - Operative revisions
02.30 pm  What’s new in the literature?
03.00 pm  Coffee break
03.20 pm  Case discussion*
04.00 pm  Summary & outlook
04.30 pm  Closing remarks
04.45 pm  End of the course

*CASE DISCUSSIONS
We would like to ask you to bring some interesting cases for the “case discussion” on Tuesday.
INFORMATION

COURSE DIRECTORS

Michael J. Fritsch, MD, PhD
Chairman of the Neurosurgical Department
Klinikum Neubrandenburg | Germany

Uwe Kehler, MD, PhD
Chairman of the Neurosurgical Department
Asklepios Klinik Hamburg Altona | Germany

Ullrich Meier, MD, PhD
Chairman of the Neurosurgical Department
Unfallkrankenhaus Berlin | Germany

SPECIAL GUESTS

Professor Norinaga Kajimoto
Osaka Medical University | Japan

Richard Edwards, MD
Bristol Royal Hospital for Children | UK

FACULTY

Johannes Lemcke, MD, PhD
Unfallkrankenhaus Berlin | Germany

Christoph Miethke
Miethke GmbH & Co. KG Potsdam | Germany

PRODUCT MANAGEMENT

Peter Ecker
Aesculap AG | Tuttlingen

VENUES

Monday, 10 September 2018:Tuesday, 11 September 2018:
Christoph Miethke GmbH & Co. KG
Ulandweg 2 | 14469 Potsdam | Germany
AESCULAP AKADEMIE GMBH
im Langenbeck-Virchow-Haus
Luisenstraße 58-59 | 10117 Berlin | Germany

HANDLING FEE

As this training course is a course for safe application of our products, B. Braun will 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.
INFORMATION

ORGANIZATION

AESCULAP AKADEMIE GMBH im Langenbeck-Virchow-Haus
Nadine Wichert
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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
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direct interaction with health care professionals irrespective of their nationalities. We are neither
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health care 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. http://www.medtecheurope.org/sites/default/files/re-
source_items/files/Medtech%20Europe%20Code%20of%20Conduct.pdf

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Aesculap Akademie GmbH, Am Aesculap-Platz, 78532 Tuttingen, Germany or send an e-mail to
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concerned (e.g. right to information). For more information on data protection at the Aesculap
Academy, please visit our website.

CANCELLATION TERMS

Cancellations up to 30 days prior to the course:

I  No cancellation fee

Cancellations between 30 and 14 days prior to the course:

I  50 % of the handling fee

Cancellations after this period:

I  100 % of the handling fee

The general terms and conditions of Aesculap Akademie GmbH are applicable and can be
forwarded on request. For reasons of readability, the male form is used with personal names,
however the female form is also always intended.
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 175 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.