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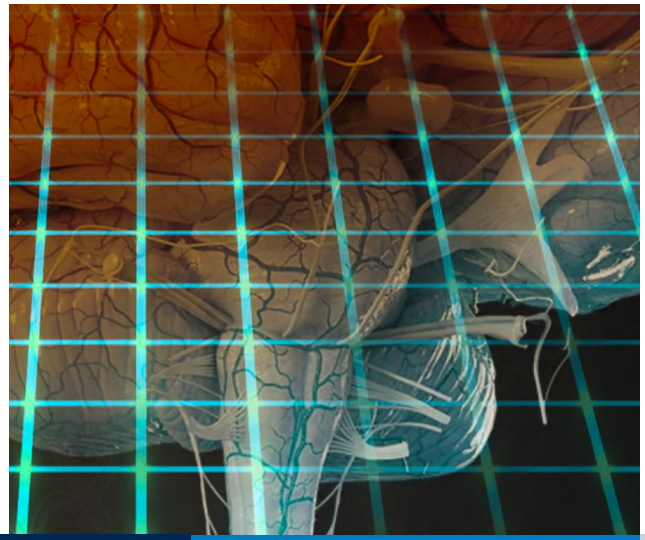


Course

2nd Comprehensive Berlin Anatomy Course

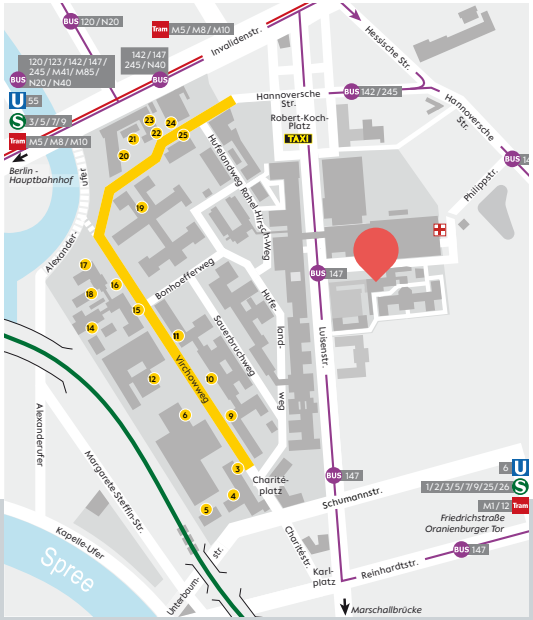
Anatomical Basics for Neurosurgery

8. - 10. December 2023

Berlin Simulation- and Training Center | BeST

Venue

Dissection Hall and Seminar Room, BeST-CAT
Campus Charité Mitte, Philippstraße 11, 10115 Berlin
Wilhelm-Waldeyer Haus (Center for Anatomy)



Organizer

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Contact

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Registration

best-cat@charite.de best.charite.de
Maximum number of participants: 30
Fee: 1450 Euro per participant

Scientific Director

Prof. Dr. Peter A. Winkler

Local Host

Prof. Dr. Peter Vajkoczy

Invited Lecturers

Bruneau Michail, Professor, Department of Neurosurgery, Vrije Universiteit Brussels, Belgium
Capilla-Guasch Pau, Dr. med., Servicio de Neurocirugia, Hospital Clinico Universitario de Valencia, Spain
Ebner Florian, Professor and Chairman, Department of Neurosurgery, Krupp-Krankenhaus Essen
Froelich Sebastien, Professor and Chairman, Hospital Universitaire Paris, France
Krishnan Kartikeyan G., Priv.-Doz. Dr. med., Klinik für Neurochirurgie, Bad Soden – Frankfurt, Germany
Raabe Andreas, Professor and Chairman, Inselspital, University of Berne, Switzerland

Faculty | Neurosurgery Charité – Universitätsmedizin Berlin

Faust Katharina, PD. Dr., Head of Intraoperative Functional Mapping Program, Neurosurgery – BCN
Onken Julia, PD. Dr., Head of BCN Training Academy
Picht Thomas, Professor of Digital Neurosurgery
Jöns Thomas, Professor of Anatomy and Head of the Berlin Simulation- and Training Center | BeST
Vajkoczy Peter, Professor and Chairman, Neurosurgery
Winkler Peter A., Em. Professor and Chairman, Visiting Professor Researcher at Charité – Universitätsmedizin Berlin, Neurosurgery

Tutors

PD Dr. Nils Hecht, Dr. Anna-Gila Karbe, Dr. Martin Misch, Dr. Anna Zdunczyk (Charité – Universitätsmedizin Berlin, Neurosurgery)
Dr. Torsten Weiß (BeST-CAT)
PD Dr. Ottavio Santino Tomasi (Salzburg Paracelsus University Department of Neurosurgery)

Dear young Neurosurgeons and esteemed Colleagues

we cordially invite you to participate in our highly anticipated second hands-on course, "Anatomical Basics of Neurosurgery," taking place from December 8th to 10th, 2023, at the prestigious Berlin Simulation and Training Center (BeST) of the renowned Charité University Hospital.

This unique course embraces an innovative approach, aiming to provide an unparalleled learning experience that seamlessly integrates intricate neuroanatomical theory with practical, hands-on exploration. Over the course of three comprehensive days, you will engage in a transformative microneurosurgical neuroanatomical training program.

Building upon the success of Prof. Dr. Peter A. Winkler's acclaimed Salzburg Anatomy Course with human specimens, we have further enhanced the learning environment. Our state-of-the-art 4K3D presentation technology will be employed, augmented by a groundbreaking fixation technique that allows for real-time and comprehensive exploration of neuroanatomical structures, even after craniotomy and dural opening.

We are thrilled to provide you with an instructive and captivating experience, filled with valuable insights and stimulating discussions. Join us this December in the vibrant city of Berlin and embark on a remarkable journey that will deepen your understanding of neurosurgery's anatomical foundations.

Wishing you enriching and captivating days with us in Berlin!

Programme

Friday, December 8, 2023

08:00 **Registration and Welcome Reception**

08:45 **Introduction** Prof. Dr. Peter Vajkoczy, Chairman
Opening Prof. Dr. Peter A. Winkler, Course Director

Hands-on Sessions will start with short Introductory Lectures and Dissection Checklists. Participants will be guided throughout the Dissection by Expert Anatomical Demonstration

09:00 A **Craniocerebral Topography of Hemispheres and Lateral Ventricles**
Hands-on Peter A. Winkler

10:00 B **Pterional Approach to the Silvian Fissure and Basal Cisterns**
Hands-on Peter Vajkoczy, Peter A. Winkler

11:30 C **Splitting of the Sylvian Fissure - the Way to the Carotid Artery**
Hands-on Andreas Raabe

01:00 Lunch

02:00 D **Functional Anatomy of White Matter and Tracts**
Lecture and Anatomical Demonstration of Preformed Specimen Peter A. Winkler

02:30 E **Functional Anatomy and Topography of the Basal Ganglia**
Lecture and Anatomical Demonstration on Preformed Specimens Katharina Faust, Peter A. Winkler

03:00 F **Approaches to Midline Structures and III. Ventricle**
Hands-on Peter A. Winkler

06:00 Evening at Leisure in Berlin

Saturday, December 9, 2023

08:00 G **Skull Base and Related Structures**
Lecture and Anatomical Demonstration Peter A. Winkler

09:00 H **Brainstem and Related Approaches Retrosigmoidal approach - Subtemporal without and with anterior petrosectomy**
Hands-on Michael Bruneau, Froelich Sebastién, Pau Capilla-Guasch, Peter A. Winkler

12:00 Lunch

01:00 I **Cerebellum and Related Approaches Horizontal fissure - Median suboccipital approaches with lateral enlargement and telovelar approach**
Hands-on Peter A. Winkler

02:00 J **Temporomesial Region and Related Approaches Visualization of the Different Approaches to the Temporomesial Region and Study of the Anatomy around the Brain Stem**
Case Discussion Julia Onken, Peter A. Winkler

04:00 K **K. Parietooccipital Region and Atrium Ventriculi**
Hands-on Pau Capilla-Guasch, Peter A. Winkler

08:00 Working Dinner together in Berlin - Place: t.b.a.

Sunday, December 10, 2023

08:00 L **Cerebral Venous System and Surgical Implications**
Lecture and Anatomical Demonstration Florian Ebner, Peter A. Winkler

09:00 M **Supra- and infratentorial Exploration of the Pineal Region**
Hands-on Pau Capilla-Guasch, Peter A. Winkler

11:00 Break

11:30 N **Subfrontal Approach and Maximal Exposure including Cranial Nerves I – III, Liljequist-Membrane and the Basilar Artery**
Hands-on Pau Capilla-Guasch, Peter A. Winkler

01:00 O **Recalcitrant Wound healing Problems and Exophytic Brain Tumours – A Reconstruction Algorithm**
Lecture and Case Discussion Kartik G. Krishnan

02:00 End, Course Evaluation, Certificates and Farewell