

## WFNS NEUROENDOSCOPY COMMITTEE

The Neuroendoscopy Committee is quite active as Neuroendoscopy Workshops under the Auspices of the WFNS with my participation are being performed constantly worldwide:

- March 28: Mumbai, India
- April: Buenos Aires, Argentina
- Mai 20-21: London, UK
- July 6: Pretoria, South Africa
- September 8-13: Homburg, Germany

For the period of this WFNS NE committee, we aim to continue to perform workshops worldwide distributing educational knowledge.

We finally managed to start our educational webinar series on June 29:

This kick-off webinar was held by Takeo Goto, Japan and Stefan Wolfsberger, Austria.

It was designed as a template to a future series of educational webinars on ventricular neuroendoscopy and skull base endoscopy with the goals to show the possible indications for these minimally invasive interventions and improve safety by use of anatomical knowledge and technological advantages.

Stefan Wolfsberger presented on complication avoidance in ventricular neuroendoscopy using advanced techniques of neuronavigation and Takeo Goto presented on advanced indications for endoscopic skull base surgery.

Although only 25 participants (due to limited availability of email addresses), the discussions were detailed and expressed high level of interest in the community for advancing these procedures. Furthermore, email conversations about the topic occurred and I received application for fellowship from Africa to train neuroendoscopy.

Altogether, this webinar was a great success and we are looking forward to hosting one every first or second month.



NEUROENDOSCOPY COMMITTEE  
Webinar Series

June 29th 2024

“Complication  
Avoidance in Ventricular  
Neuroendoscopy”



Prof. Stefan Wolfsberger, MD  
Medical University of Graz  
Austria

“Endoscopic Keyhole and  
Endonasal Approaches to  
Skull Base Tumors”



Prof. Takeo Goto, MD, PhD  
Osaka City University  
Japan



[Click HERE to register](#)

06:00 San Francisco 15:00 Vienna  
09:00 Ottawa 18:30 New Delhi  
10:00 Brasilia 22:00 Tokyo  
14:00 Lagos 23:00 Canberra

# WFNS ANATOMY COMMITTEE

## WFNS Webinar Series: Advancing Neurosurgical Knowledge

The WFNS Anatomy Committee, in collaboration with the International Rhoton Society and WFNS Peripheral Nerve Committee, has successfully organized a series of educational webinars held every primary of the month. So far, six webinars have been conducted, focusing on key areas of neurosurgery: Brain, Peripheral Nerve, and Skull Base.

Each webinar has seen an impressive turnout, 70-150 participants, highlighting the global interest and commitment to continuing medical education in the neurosurgical community.

The webinars are led by esteemed experts in their respective fields:

Brain Webinars: Organized by Prof. Carolina Martins from Brazil.

Skull Base Webinars: Organized by Prof. Sebastien Froelich from France.

Peripheral Nerve Webinars: Organized by Prof. Mariano Socolovsky from Argentina.

This initiative is chaired by Prof. Hung Tzu Wen from Brazil, who has played a pivotal role in ensuring the success and high quality of these educational sessions.

The WFNS Anatomy Committee, along with its partners, continues to foster knowledge sharing and professional development through these monthly webinars, contributing significantly to the advancement of neurosurgical education worldwide.

**WFNS NEUROANATOMY COMMITTEE**  
**WFNS RHOTON ANATOMY DAY**  
**BRAIN**

**Prof. Wen Hung Tzu, M.D.**  
 Chairman, WFNS Neuroanatomy Committee  
 President of International Rhoton Society  
 University of São Paulo  
 São Paulo, Brazil

**"X-ray Vision" or "See Through" Concept in Brain Anatomy.**

Friday, 31st May 2024  
 08:00 PM Brazil GMT -3  
 REPLAY: 1st June (03:00 PM PAK)

**ZOOM MEETING ID**  
**947 1278 3268**

**WFNS NEUROANATOMY COMMITTEE**  
**WFNS RHOTON ANATOMY DAY**  
**BRAIN**

**Prof. Vincent Quilis Quesada**  
 Neurosurgeon, Hospital Clínic Universitari de València, Spain  
 Adjunct Assistant Professor, Neurosurgery, College of Medicine and Science, Mayo Clinic, USA  
 Associate Professor, Neuroanatomy, Department of Human Anatomy and Embryology, Faculty of Medicine, University of Valencia, Spain

**Microsurgical anatomy and approaches to the basal surface of the brain**

Friday, 28th June 2024  
 06:00 PM Spain GMT +2  
 REPLAY: 29th June 10:00 AM (PAKISTAN)

**ZOOM MEETING ID**  
**947 1278 3268**

**WFNS NEUROANATOMY COMMITTEE**  
**WFNS RHOTON ANATOMY DAY**  
**PERIPHERAL NERVE**

**Prof. Christian Heinen**  
 Head of Neuro-Spine and Nerve Surgery, Christian Hospital Quakenbrück GmbH, Germany  
 Section Chair, Peripheral Nerve Surgery, FAMS  
 Section Chair, Peripheral Nerve, German Society of Neurosurgery  
 Member, Peripheral Nerve Surgery Committee, WFNS

**"Anatomy of the Median Nerve and Its Surgical Approach"**

**LIVE: 5th July 2024**  
 01:00 PM (Belgrade GMT +2)  
 04:00 PM (PAK +5)

**ZOOM MEETING ID**  
**947 1278 3268**

**WFNS NEUROANATOMY COMMITTEE**  
**WFNS RHOTON ANATOMY DAY**  
**PERIPHERAL NERVE**

**Prof. Mariano Socolovsky**  
 Co-Chairman, WFNS Peripheral Nerve Committee  
 Professor and Head of Neurosurgery  
 The University of Buenos Aires School of Medicine  
 President of Argentine Society of Neurosurgery

**"Anatomy of the Brachial Plexus and Its Surgical Approach"**

7th June 2024  
 08:00 AM Argentina -3

**ZOOM MEETING ID**  
**947 1278 3268**

**WFNS NEUROANATOMY COMMITTEE**  
**WFNS RHOTON ANATOMY DAY**  
**SKULL BASE**

**"The Cavernous Sinus"**

Terminology, embryology and Histology  
 Arteries and Veins  
 Surgical Anatomy From Above and Below  
 Evaluation of Cavernous Sinus Surgery  
 Neuromonitoring Relevant to Cavernous Sinus  
 Microsurgery of the Cavernous Sinus  
 News from the Lab: Dorello's Canal

Sébastien Froelich, 15'  
 Kentaro Watanabe, 15'  
 Jooe Almeida, 15'  
 P. di Russo, 15'  
 Linda Bi, 15'  
 Sanford Heu, 15'  
 Luigi Moro, 10'

Friday, 14th June 2024  
 06:00 PM Paris GMT +2  
 REPLAY: 15th June (03:00 PM PAK)

**ZOOM MEETING ID**  
**947 1278 3268**

**WFNS NEUROANATOMY COMMITTEE**  
**WFNS RHOTON ANATOMY DAY**  
**SKULL BASE**

**"The Jugular Foramen"**

- Surgical Anatomy for open skull base approaches
- Surgical anatomy for endoscopic approaches
- The complex cranial nerves network of the jugular foramen
- Imaging of the jugular foramen
- Cranial nerves monitoring for jugular foramen lesions
- Surgery of jugular foramen tumor - Case Illustrations

- Paolo Di Russo
- Jooe Almeida
- Kentaro Watanabe
- Carolina Benjaim
- Linda Bi
- Antonio Averes de Sa

Friday, 12th July 2024  
 06:00 PM Paris GMT +2  
 09:00 PM Pak Time

**ZOOM MEETING ID**  
**947 1278 3268**

## UPCOMING WEBINAR FOR BRAIN




**WFNS NEUROANATOMY COMMITTEE**  
**WFNS RHOTON ANATOMY DAY**  
**BRAIN**


**Prof. Carolina Martins**  
 Professor, Federal University of Pernambuco,  
 Recife-Brazil  
 Secretary, International Rhoton Society

**Sulci & Gyri of the Medial Surface of the Brain  
 and Its Surgical Application**

**Friday, 26th July 2024**  
**12:00 PM Brazil GMT -3**  
 REPLAY: 27th July  
 10:00 AM (PAKISTAN)

**ZOOM MEETING ID**  
**947 1278 3268**

Date	Topic	Speaker
30th Aug 2024	Sulci & Gyri of the Lateral Surface of the Brain and Its Surgical Application	Prof. Eduardo Ribas (Brazil)
27th Sept 2024	Sylvian Fissure Anatomy and Its Surgical Application	Prof. Hung Tzu Wen (Brazil)
25th Oct 2024	Lateral Ventricle and Its Surgical Application	Prof. Alvaro Campero (Argentina)

## UPCOMING WEBINAR FOR PERIPHERAL NERVE

Date	Topic	Speaker
2nd Aug 2024	Anatomy of the ulnar nerve and its surgical approach	Prof. Javier Robla Costales (Spain)
6th Sept 2024	Anatomy of the radial nerve and its surgical approach	Prof. T J Wilson (USA)
4th Oct 2024	Anatomy of the axillary nerve and its surgical approach	Prof. Lukas Rasulic (Serbia)
1st Nov 2024	Anatomy of the lumbosacral plexus and its surgical approach	Prof. Debora Garozzo (UAE)
6th Dec 2024	Anatomy of the sciatic nerve and its surgical approach	Prof. Fernando Martínez Benia (Uruguay)
3rd Jan 2025	Anatomy of the peroneal nerve and its surgical approach	Prof. Carlos Rodríguez Aceves (México)
7th Feb 2025	Anatomy of the Tibial Nerve and its surgical approach	Prof. Fernando Guedes (Brazil)
7th Mar 2025	Anatomy of the Facial Nerve and its surgical approach	Prof. Wilson Faglioli (Brazil)

## **WFNS PERIPHERAL NERVE COMMITTEE**

May was a particularly active month for the WFNS Peripheral Nerve Surgery Committee: we organized several educational activities (both in person and online) and on two continents!

The highlight of our first trimester of work has been the Peripheral Nerve Surgery Course in Multan, Pakistan (see announcement), organized in collaboration with the Pakistani Society of Neurosurgery and FIENS. We express our most sincere gratitude to Dr Aneela Darbar, FIENS board member, who has been the main promoter of this course and has immensely dedicated herself to guarantee its successful outcome.

A mention for their outstanding work is also necessary for Dr Liaquat Malik and Dr Muhammad Khizer Hayat, who were our local organizers. Our gratitude is also to be extended to Mukhtar A. Sheikh Hospital and Nishtar Medical University and Hospital, who generously offered the venues for the course and the social gatherings.

Dr Carlos Rodriguez Aceves (Mexico) and Dr Debora Garozzo (UAE) were our WFNS faculty that travelled to Multan. The course started on 24th May with 80 incredibly motivated participants: some drove up to 10 hours to reach Multan from other locations in Punjab!

The first day, hosted in Mukhtar A. Sheikh Hospital, was lectures covering peripheral nerve anatomy, basics in nerve injuries, and principles of surgical technique – with lively discussion. A very pleasant dinner was offered in Mukhtar Hospital; we got excellent feedback from our attendees (there are 3 short interviews that we recorded and posted on our social media!)

The second day, hosted in Nishtar Medical University and Hospital, included demonstration of surgical approaches on cadaver limbs (e.g. anterior subcutaneous transposition) and lectures. A few days later, one of the attendees texted us that he had modified his technique for anterior subcutaneous transposition based on our suggestions! This is testimony to the practical approach that we gave to our course. The second day ended with another very pleasant social gathering at Nishtar, with our local hosts giving speeches and offering us mementos of the course.

The third day we were again in Mukhtar Hospital for lectures and clinical cases: 3 very interesting cases were discussed, examining the patients together with the attendees including diagnostic workup and treatment. The course closed with a very nice ceremony; Dr Carlos Rodrigues and I were given wonderful gifts and the local authorities mentioned their intention to repeat the course next year.

We are delighted the course was very successful, both in terms of participation and because it triggered more interest in this fascinating subspecialty, confirmed the need for peripheral nerve surgery in the neurosurgical armamentarium, and promoted similar educational events.

In addition to the in-person course in Multan developed by our committee, Dr Hesham Elsobky organized a comprehensive peripheral nerve surgery course on 21st May during the Egyptian Society of Neurosurgery's 44<sup>th</sup> annual meeting. Dr Hesham Elsobky is well known in his country for his indefatigable dedication to developing peripheral nerve surgery; he has organized many courses in Egypt. He is an extremely active member of our committee; his expertise is particularly precious as he is our only member on the African continent. We hope others will be infected by his contagious enthusiasm and will decide to follow his footprints!

Another extremely active member of our committee is Dr Mohammedreza Emamhadi. He introduced a whole session for Iranian Society of Neurosurgery's 44<sup>th</sup> meeting May 8-10. Like Dr Elsobky in Egypt, Dr Emamhadi is a trailblazer for our subspecialty in his country. He is well known for having embraced peripheral nerve surgery and brought it to high levels in Iran.

Finally, our Thai committee member, Dr Ekkapot Jitpun, organized sessions on peripheral nerve surgery during the Neurosurgical Association of Thailand congress on May 13 & 14.

We have also been extremely active online! On May 11th, we took part in the webinar organized by the WFNS Education and Training committee and WFNS Young Neurosurgeons

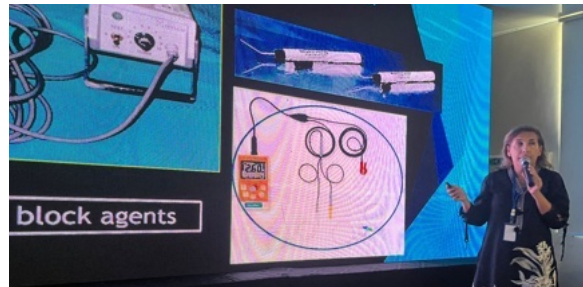
Forum. Three of our members gave 3 lectures on brachial plexus surgery: Dr Christian Heinen (Chair, EANS Peripheral Nerve Surgery committee), Dr Debora Garozzo (Chair, WFNS Peripheral Nerve Surgery committee) and Dr Amit Thapa (past president, Nepalese Society of Neurosurgery). Dr Amit Thapa is another outstanding member of our committee as he has been the one pioneering peripheral nerve surgery in Nepal.

Dr Mariano Socolovsky, our committee co-chair, contributed a review of brachial plexus anatomy and its surgical approach for a WFNS Neuroanatomy committee webinar.

We have launched our social media thanks to the incredible dedication of Dr Ekkapot Jitpun, who has introduced us to virtual reality and is generously managing our pages on Facebook and LinkedIn: we have already more than 600 followers on Facebook and about 150 on LinkedIn!

Finally, in collaboration with the WFNS Global Neurosurgery Committee, we will complete our recommendations for peripheral nerve injury management - and forward to Dr Tariq Khan.

I think we can be greatly satisfied with the progress of the work done by our committee in such a short period of time and we are sure that more will follow!



## WFNS EDUCATION & TRAINING COMMITTEE

The WFNS Education & Training Committee is working hard to support the WFNS mission, organizing webinars and educational courses to help neurosurgeons worldwide learn and grow. These webinars and courses cover many different topics, giving neurosurgeons the chance to learn new skills and stay updated with the latest techniques.

The goal of the WFNS Education & Training Committee is to ensure neurosurgeons have the knowledge and skills needed to improve practice and provide the best care worldwide.

### Recent Past Meetings:



Update of Spine Surgery # 11  
International Academy of Spine & Middle East Spine Society & WFNS Education Committee  
**Management of Osteoporotic Vertebral Fractures**

**Se-Hoon Kim** (Korea)  
**Ender Ofluolu** (Türkiye)  
**Mehmet Aydoğan** (Türkiye)

Moderator: Salim Şentürk  
May 21, 2024

<https://www.youtube.com/live/qYTI-s2T1uI?si=eDJcoa33-C654Zw->



WFNS Education Symposia # 7  
WFNS Education & Training Committee, WFNS Young Neurosurgeons Forum  
**Advances in Management of Gliomas**

**Anandh Balasubramaniam** (India)  
**Albert Sufianov** (Russia)  
**Linda Bi** (USA)  
**Palanki S.Dattatreya** (India)

Moderators: Manas Kumar Panigrahi, Abuzer Güngör  
June 22, 2024

<https://www.youtube.com/live/C0LHN3uhD78?si=i25wKtJHzeZHV1O>






WFNS Education Symposia # 8  
WFNS Education & Training Committee, WFNS Young Neurosurgeons Forum  
**Management of Spinal Cord Injury**

**Andres Rubiano** (Colombia)  
**John Ouma** (S.Africa)  
**Jutty Parthiban** (India)  
**Michael Fehlings** (Canada)

Moderator: Jesus Lafuente, Sergio Salvador  
June 22, 2024


<https://www.youtube.com/live/C0LHN3uhD78?si=i25wKtJHzeZHV1O>

## Upcoming Meetings and Webinars:

# WFNS EDUCATIONAL COURSE

**September 27-29 2024**  
Memorial Bahçelievler Hospital,  
Istanbul / Türkiye



[www.wfns-course.org](http://www.wfns-course.org)





## UNIVERSE OF NEUROSURGERY 1

The 1st. International Web Seminar by Japan Neurosurgical Society  
Collaborating with Education and Training Committee, WFNS



PROF. SATOSHI KURODA  
DIRECTOR



PROF. MEHMET ZILELI  
CHAIRPERSON



PROF. MIKI FUJIMURA  
CHAIRPERSON

**Friday, August 16, 2024**  
15:00-16:30 Turkish Time/21:00-22:30 Japan Time

### TOPICS: SPINE



PROF. MEHMET ZILELI, TURKEY  
Update on management of primary and recurrent lumbar disc herniation



PROF. TOSHIKI ENDO, JAPAN  
Surgical management of intradural tumors and vascular lesions



PROF. KAZUTOSHI HIDA, JAPAN  
Treatment considerations for Cervical OPLL

<https://us06web.zoom.us/j/89943367753>



### WFNS Education Symposia # 9

WFNS Education & Training Committee, WFNS Innovation and Technology Committee

## Virtual Reality, Simulators and Robotics in Spine Surgery



Theresa Williamson  
(USA)



Mirza Pojskic  
(Germany)



Corinna Zygourakis  
(USA)




Francesco Costa  
(Italy)



Muhammad Abd-El-Barr  
(USA)

Moderator: Muhammad Abd-El-Barr

August 24, 2024



### WFNS Education Symposia # 9

Program: Virtual Reality, Simulators and Robotics in Spine Surgery

Augmented Reality in Spine Surgery.	Theresa Williamson
Microscope-based Augmented Reality for Spine Surgery.	Mirza Pojskic
Machine vision navigation.	Corinna Zygourakis
Simulation in Spine Surgery.	Francesco Costa
Advanced Robotics for Spine Surgery.	Muhammad Abd-El-Barr

**You need to register for the meeting.**  
After registration, you will get an acceptance E mail containing meeting participation information.

**Zoom Meeting Link:**  
<https://us02web.zoom.us/meeting/register/tZwrce6vjqgqGdDxuqaZyzO3p5CHeiLytCfn>

New York	08:30-10:00
London	13:30-15:00
Berlin	14:30-16:00
Istanbul	15:30-17:00
Karachi	17:30-19:00
Mumbai	18:00-19:30
Seoul	21:30-23:00

August 24, 2024



## WFNS Research Committee

**INTERVIEW WITH THE CHAIR  
PROF. DR. JOACHIM OERTEL  
DEPARTMENT OF NEUROSURGERY  
SAARLAND UNIVERSITY MEDICAL CENTER  
HOMBURG-SAAR/GERMANY**

**Hannah Spielmann:** Good morning, we are here today with Professor Oertel. Nice to have you here today. So let's start with your story. Why did you choose neurosurgery?

**Prof. Joachim:** I was in medical school not particularly interested in neurosurgery, but somehow actually I spent about 10 years with Amir Sami in the same class. I was confronted with neurosurgery because everybody knows Majid Sami in Hanover very much. And then during medical school I first wanted to become a general surgeon. And somehow the research was not interesting to me, I didn't like it.

**Prof. Joachim:** So then I went to the research group of Professor Sami and so I became a neurosurgeon.

**Hannah Spielmann:** So he was your mentor?

**Prof. Joachim:** Yes, for time of my career. I mean, in the beginning, he was my mentor, then I went to Michael Gaab, and he basically was my main mentor. I learned a lot from him. I did most of the residency with Michael Gaab and the fellowship and the first years as a consultant. And then actually I was in Mainz where Pernetzky influenced my work a lot.

**Hannah Spielmann:** You have a lot of experience. When do you think is the best time to start research?

**Prof. Joachim:** I think the best time is during medical school and to spend more or less a year in the lab. Because all the laboratory work you will not have an opportunity like during the time in medical school to learn the idea how to conduct research, to formulate a question, to design your strategy of experiments and then to find the final solution and to publish the paper.

**Hannah Spielmann:** What do you think about our research committee?

**Prof. Joachim:** I think it's a very good idea, a very good idea for the WFNS because the WFNS research, I mean you see this on the quality of the WFNS world meetings. The research has changed a lot during the last 10-15 years, and we have many better-quality abstracts, much better-quality talks, and lectures during the WFNS meetings now. I think it's good that we start to at least have research in mind and to confront everybody with research.

**Prof. Joachim:** I think this is the main goal of the committee.

**Hannah Spielmann:** So you're working a lot. Is it important for you to have free time?

**Prof. Joachim:** Of course, free time is important. Because you're also, I mean, it's not only that you have different interests. Of course you have different interests. Work is not everything. But also I think to relax and to get different ideas, I think it's important to have some time off because otherwise you're too focused and you just at some point start to repeat everything. So you need some different ideas. So I think free time is good.

**Hannah Spielmann:** Thank you for being with us today.

**Prof. Joachim:** Yeah, thank you, it's a pleasure. And I hope you enjoy our WFNS Research Committee work and pass by with the next world meeting, and yeah, look what we have established.