



# **COMPREHENSIVE COURSES OF SURGICAL ANATOMY AND OPEN VASCULAR SURGERY TECHNIQUES**

## **Course III - Thoracic Aorta and thoracoabdominal Aorta and neck arteries**

**Berne, May 03 – May 04, 2024**





*Jürg Schmidli*



*Corinne Kohler*



*Georg Heller*

## Welcome

*Dear Colleagues,*

on behalf of the faculty and organisers, it is a great privilege and honor to warmly welcome you to the comprehensive basic and advanced courses on vascular surgical anatomy and open surgical techniques. These courses, unique in the world, have proven over the last decades to be very effective training methods for vascular surgeons.

The main feature is the intensive supervision by multilingual tutors with a lot of experience in vascular surgery and in training. The close tutor-participant interaction guarantees an intensive learning process.

Intensive discussions are encouraged in a relaxed training atmosphere. There is only a limited number of slots available, so please register early!

Join us for an enriching learning experience. We hope that you will be enthusiastic about the Courses 2024 as we are and look forward meeting you there!

For the executive board of VASCULAR INTERNATIONAL and the faculty

Prof. Jürg Schmidli, Berne  
Corinne Kohler, Berne  
Dr. Georg Heller, Chur

The comprehensive basic and advanced courses on vascular surgical anatomy and open surgical techniques will be the 24<sup>th</sup> courses organised by the VASCULAR INTERNATIONAL School. Back then, we started with the access to leg arteries course, followed by the Vascular Access Masterclass in 2009 (for haemodialysis access). In 2017, we finally introduced the course on the thoracic and thoracoabdominal aorta and the supra-aortic vessels.

The school's goals are teaching of topographical and surgical anatomy, surgical basic practices, advanced open surgical techniques and innovations.

The courses are based on practical dissection of 5-7 cadavers (legs, arms, thoracic aorta and supra-aortic arteries) under the guidance of expert tutors.

The arm and leg courses are particularly recommended for Vascular Surgeons in training. The thoracic course is designated for Advanced Vascular and Cardiac Surgeons.

- The official language is English.
- The number of participants is limited for technical reasons.
- **Please, take your magnifying glasses with you.**

## ACCESS COURSES 2024 / Fee / Convenor

### Course III May 03-04 Thoracic and thoracoabdominal Aorta and neck arteries

**Fee:** CHF 1'950 (13 CME Credits)

The fees include:

- Coffee-breaks and lunch
- Disposable and didactic materials

**Convenor** [Jürg Schmidli, Berne](#)

**If attending more than one course a discount of 20% applies.**

## Course III - Thoracic Aorta and thoracoabdominal Aorta and neck arteries

**Tutors:** [Roman Bühlmann, Bern](#)  
[Johannes Gahlen, Ludwigsburg](#)

Important: Take your magnifying glasses with you

### Program:

This specific course aims at improving knowledge of anatomical access to the thoracic and thoracoabdominal aorta and supra-aortic vessels including sternotomy and first rib resection. Anatomic dissections and practice on fresh cadavers, with the contribution of experts in this field of Vascular Surgery.

**Friday, May 03, 2024**

**09.00 – 18.00**

Registration, welcome and introduction to the course  
Topographic anatomy of the neck (short lecture)

### Practical exercise on NECK Arteries

- |            |   |
|------------|---|
| Workshop 1 | Access to subclavian, carotid and vertebral arteries;<br>Subclavian artery – carotid artery-transposition |
| Workshop 2 | Vertebral artery – common carotid artery transposition  |
|            | Break   |
| Workshop 3 | Subclavian Artery-Carotid artery Bypass   |
| Workshop 4 | First rib resection, infra-clavicular approach  |
|            | Lunch   |

### Practical Exercise on THORACIC AORTA

- |            |   |
|------------|---|
| Workshop 5 | Sternotomy / hockey stick incision; Pericardiotomy;<br>Dissection brachiocephalic vein; Dissection aortic arch and supra-aortic branches                        |
|            | Break   |
| Workshop 6 | Bypass ascending aorta - brachiocephalic trunk; Re-routing;<br>Supra-aortic debranching/ Stump securing; Bypass ascending aorta – carotid and subclavian artery |

**Saturday, May 04, 2024**

**08.30 – 15.30**

**Practical exercise on THORACO-ABDOMINAL AORTA**

- |             |  |
|-------------|--|
| Workshop 7  | Thoraco-phreno-lumbotomy, retroperitoneal approach, muscle sparing technique; Dissection of Vagal/Laryngeal nerve; Cannulation options |
| Workshop 8  | Descending aorta replacement; Reimplantation intercostal arteries  |
|             | Break  |
| Workshop 9  | Reimplantation of visceral arteries; Bypass to left renal artery or direct reimplantation  |
|             | Lunch  |
| Workshop 10 | Type IV aortic repair<br>Thoracoabdominal wound closure  |
|             | Feedback session and farewell  |

**VENUE**

**[Institute of Anatomy](#)**

University of Bern  
Baltzerstrasse 2  
CH-3012 Berne  
Switzerland

## Requirements by EthicalMedtech:

- The Programme is included in this document
- There is no live music or any other form of entertainment foreseen at any point of the programme
- The participant's fee covers the expenses for:
  - o the course organisation (administration for registering, IT Support, Insurance, etc.)
  - o the tutors travel expenses (there are no proctoring fees paid)
  - o the rent for the course venue
  - o the material used during the course
    - rent of hands-on models, medical instruments, operating tables
    - rent of didactic infrastructure (operating table, audio/video equipment)
    - cost for consumables, cadavers, gloves, needles, instruction manual, etc.
  - o the day catering including:
    - croissant with coffee in the morning to start
    - water, coffee and fruits during breaks
    - sandwiches for lunch
- The participant's fee does NOT cover:
  - o Any full meals
  - o Expense for overnight stay
  - o Any travel expenses
- There is no hospitality and social programme included in the fees for participants.

## REGISTRATION AND PAYMENT

Online: [www.vascular-international.org](http://www.vascular-international.org)

**You have to register for each of the courses separately. If you attend more than one course a reduction of 20% applies. Please choose the appropriate button when registering.**

Your registration will be confirmed by email with an invoice attached. By registering online, you will have the opportunity for immediate payment via PayPal (=all major credit cards), and immediate course confirmation. Please click the PayPal-button at the end after booking.

If you prefer to pay by invoice, please transfer the payment within 10 days, otherwise the provisional reserved space is released.

Bank: Credit Suisse, CH-6301 Zug  
BIC/Swift: CRESCHZZ80A  
IBAN: CH17 0483 5176 1211 7100 0  
Account holder: Vascular International School AG, Kerns

Registrations will be confirmed by email upon arrival of the payment (first come first served).

Cancellation: Replacements will be accepted, please communicate immediately.

Annulation costs: CHF 100.- until April 15, 2024, no reimbursement for later cancellations.

## ACCOMMODATION

[Berne Tourism](#)

## ORGANISATION

VASCULAR INTERNATIONAL  
School for Vascular Surgery  
Stanserstrasse 111  
CH-6064 Kerns  
Tel.: +41 41 610 54 34  
[info@vascular-international.org](mailto:info@vascular-international.org)

## SUPPORTING SOCIETIES

Austrian Society for Vascular Surgery (ÖGG)  
Swiss Society for Vascular Surgery (SGG)  
European Society for Vascular Surgery (ESVS)  
Division of Vascular Surgery of UEMS  
Swiss Society for Cardiac Surgery (SGHC)

## CREDITS

13 CME credits will be provided