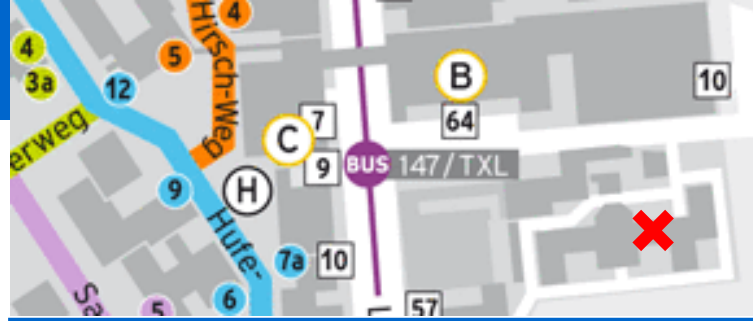


# Speakers

**Chair:** Beate Rau, Charité Campus Virchow Klinikum, Berlin  
**Co-Chair:** Björn Weiss, Charité Campus Virchow Klinikum, Berlin

**Miguel Alberto MD**, Dep. of Surgery, Charité, Berlin, DE  
**Alexander Arnold MD**, Institute of Pathology, Charité Berlin, DE  
**Timo Alexander Auer MD**, Clinic for Radiology, Charité, Berlin, DE  
**Katharina Beyer MD**, Clinic f. General & Visceral Surgery, Charité Berlin, DE  
**Aditi Bhatt MD**, KD Hospital, Ahmedabad, IND  
**Ignace de Hingh MD**, Catharina Cancer Institute Eindhoven, NL  
**Andreas Edel MD**, Dep. of Anesth. & Critical Care Medicine, Charité, Berlin, DE  
**Frank Edelmann MD**, Medical clinic speciali. in cardiology, Charité, Berlin, DE  
**Uli Fehrenbach MD**, Institute of Neuroradiology, Charité, Berlin, DE  
**Markus Flentje MD**, Anaesthesiology & Intensive Care Medicine, MHH, Hannover, DE  
**Roland Francis MD**, Anesthesiology clinic, University Hospital Erlangen, DE  
**Felix Gronau MD**, Clinic for General, Visc. & Transplant Surgery, MHH, Hannover, DE  
**Safak Gül-Klein MD**, Dep. of Surgery, Charité CVK, Berlin, DE  
**Philipp Haber MD**, Dep. of Surgery, Charité CVK, Berlin, DE  
**Frauke Haffner**, Charité Comprehensive Cancer Center, Charité, Berlin, DE  
**Sonja Hansen MD**, Institute of Hygiene, Charité Berlin, DE  
**Vincent Heise MD**, Department of Anesth. & Critical Care Med., Charité, Berlin, DE  
**Moritz Hilbrandt MD**, Infectiology & Pneumology, Charité Berlin, DE  
**Martin Hübner MD**, Dep. of Visceral Surgery, University of Lausanne, CH  
**Oliver Hunsicker MD**, Dep. of Anesth. & Critical Care Medicine, Charité, Berlin, DE  
**Wolfgang Knitsch MD**, Cl. for General, Visc. & Transpl. Surgery, MHH, Hannover, DE  
**Rainer Kuhly MD**, Dep. of Anesth. & Critical Care Medicine, Charité, Berlin, DE  
**Annika Kurreck MD**, Hematology, oncology & tumor immunology, Charité, Berlin, DE  
**Shigeki Kusamura MD**, IRCCS Nat. Institute of Tumors Foundation of Milan, IT  
**Maria Liakopoulou**, Dep. of Surgery, Charité, Berlin, DE  
**Geska Loberiza**, Dep. of Surgery, Charité, Berlin, DE  
**Christian Lojewski MD**, Dep. of Anesth. & Critical Care Med., Charité, Berlin, DE  
**Susanne Marz MD**, Intensive Care Unit, Dep. of Surgery, Charité, Berlin, DE  
**Rudolf Mörgeli MD**, Dep. of Anesth. & Intensive Care Medicine, Charité, Berlin, DE  
**Anika Müller MD**, Dep. of Anesth. & Intensive Care Medicine, Charité, Berlin, DE  
**Phil Niggemann MD**, Dep. of Anesth. & Intensive Care Medicine, Charité, Berlin, DE  
**Christian Oberender MD**, Portal ambulance, Charité, Berlin, DE  
**Klaus Pietzner MD**, Gynecology clinic, Charité, Berlin, DE  
**Johann Pratschke MD**, Head of Dep. of Surgery, Charité, Berlin, DE  
**Wolf Ramackers MD**, Cl. for General, Visc. & Transpl. Surgery, MHH, Hannover, DE  
**Beate Rau MD**, Dep. of Surgery, Charité, Berlin, DE  
**Miriam Songa Stegemann MD**, Infectiology & pneumology, Charité, Berlin, DE  
**Jesco Stember**, Central pharmacy, MHH, Hannover, DE  
**Mahdi Taher MD**, Dep. of Anesth. & Intensive Care Medicine, Charité, Berlin, DE  
**Uwe Tegtbur MD**, Rehabilitation & sports medicine, MHH, Hannover, DE  
**Peter Thuss-Patience MD**, Division of Oncology & Hematology, Charité, Berlin, DE  
**Andreas Totzeck MD**, Clinic for Neurology - Essen University Hospital, Essen, DE  
**Evjenia Toubekis MD**, Dep. of Anesth. & Critical Care Medicine, Charité, Berlin, DE  
**Lili Veskeema**  
**Jan Wandrey MD**, Dep. of Anesth. & Intensive Care Medicine, Charité, Berlin, DE  
**Odette Wegwarth**, Department of Anesthesiology & Critical Care Medicine, Charité, Berlin, DE  
**Björn Weiss MD**, Dep. of Anesth. & Intensive Care Medicine, Charité, Berlin, DE  
**Ulrich Zwirner MD**, Clinic for General, Visc. & Transplant Surgery, MHH, Hannover, DE



## Course Location

Module 1: Wilhelm-Waldeyer-Haus | Camp. Charité Mitte | Philippstraße 12 | 10115 Berlin; Module 2: Camp. Virchow Klinikum | Mittelallee 4

## Accommodation

We have reserved several rooms for our participants at martas Hotel Albrechtshof (under the key word CHARITE301123). These will be available to book (at the special price) until 17 of November 2023.

**martas Hotel Albrechtshof:** Albrechtstraße 8 | 10117 Berlin  
hotel-albrechtshof@martas.org  
Tel. +49 (30) 308 86 0 | Fax +49 (30) 308 86 100  
<https://hotel-albrechtshof.martas.org/>

## Secretary & Registration

Sandra Wegel | [sandra.wegel@charite.de](mailto:sandra.wegel@charite.de)  
Tel. +49 30 450 622 266 | Fax +49 30 450 7 522 214

## Registration Deadline 17. November 2023

Please send your registration to the secretary (above). Teams from hospitals will receive preference. Please send the following documents as a pdf-file application

- Team (name and department)
- Letter of motivation
- Letter of Reference from the head of your department

## Participation fee (incl. registration for the entire course & meals.)

Module 1: The participation fee is 250 EUR for members of the BDC, BDA, DGAV, DGAI, ESSO and 300 EUR for non-members.

Module 2: The participation fee is 450 EUR for members of the BDC, BDA, DGAV, DGAI, ESSO and 500 EUR for non-members.

## Accreditation

This course is accredited with 14 CME-points for module 1 and 24 points for module 2 (category A).

**Organizer:** FREUNDE und FÖRDERER DER BERLINER CHARITÉ E.V.

## Patronage

BDC | Berufsverband der Deutschen Chirurgie e.V.  
BDA | Berufsverband Deutscher Anästhesistinnen und Anästhesisten e.V.  
DGAV | Deutsche Gesellschaft für Allgemein- und Viszeralchirurgie  
DGA | Gesellschaft für Anästhesiologie und Intensivmedizin  
ESSO | European Society of Surgical Oncology

# Charité

## FREUNDE UND FÖRDERER DER BERLINER CHARITÉ E.V.

## 11<sup>th</sup> Course

## Perioperative Management

### Module 1: 1. - 2.12.2023

Perioperative Management during CRS and HIPEC in the Treatment of Peritoneal Surface Malignancy (PSM)

### Module 2: 4. - 6.12.2023

Live Demonstration of Patients Treatment (limited Number of Participants)

## Workshop Goals

The combination of cytoreductive surgery (CRS) and hyperthermic intraperitoneal chemotherapy (HIPEC) as a treatment for peritoneal metastases is becoming ever more significant for both palliative and curative cancer treatment. In order to bring the greatest possible benefit to the patient, both careful preoperative selection and also standardized perioperative management are crucial. The Standard Operation Procedures (SOP) for performing CRS/HIPEC at the Charité Department of Surgery were developed on the basis of both experience and the most recent research. These SOPs are part of what made it possible for a Department of Surgery to be certified by the German Cancer Society and OnkoZert as a peritoneal malignancy center.

**Module 1:** This two day workshop will include expert talks, videos, interactive case discussions both for surgical and on postoperative intensive care unit belongings. Participants will experience the most significant problems in the operating room or intensive care unit. The key element of this training is a post-scenario debriefing where the participants can discuss treatment strategies, difficulties, standards, and questions. After this module they are able to prepare a SOP, which fits their clinical situation. Participant are encouraged to write their skeletal own SOP and discuss contents in module 2.

**Module 2:** During three days participants will join the clinical pathway at the Charité Department of Special Surgical Oncology. Multi-disciplinary board discussion, intraoperative live procedures for surgical and anaesthesiological belongings. Postoperative ICU and ward rounds and discussion along the SOP Guidelines of the department. (limited number of participants).

### Prerequisites for Participation

- Surgical or anesthesiological intensive care training (at least one year of experience on an intensive care unit)
- Anesthesiologist or surgeon (close to achieving board specialist certification)
- Experience with HIPEC or similar treatment

### Instructional Methods

**Module 1:** Interdisciplinary course; Talks, small groups; Case examples using simulation patient; Hands on: simulator

**Module 2:** Interdisciplinary case discussions, development of SOP for own belongings, intraoperative live procedures for surgeons and anesthesiologists.

## Sponsors

## 1.-2.12.2023

### Perioperative Management during CRS & HIPEC in the Treatment of Peritoneal Surface Malignancy (PSM)

#### Friday 1.12.2023

08:30 **Welcome** (Johann Pratschke)  
08:40 **Introduction** (Beate Rau, Björn Weiss)

#### 09:00-10:15 Basic Information on Peritoneal Metastasis

**Chairs Beate Rau, Björn Weiss**  
09:00 The medical perspective (Christian Oberender) - 15  
09:15 Surgical options (Beate Rau) - 15  
09:30 Pathological Challenge in Peritoneal Surface Malignancy (PSM) (Alexander Arnold) - 15  
09:45 Case - MDT-board (Felix Gronau) - 10  
09:55 *Discussion*

#### 10:15-12:40 Staging/Screening/Preparation

**Chairs Ignace de Hingh, Safak Gül-Klein**  
10:15 Radiology - Staging and status - Artificial KI deeplearning radiology? (Uli Fehrenbach) - 10  
10:25 Anesthesiology - Preoperative assessment, planning and riskreduction (Anika Müller) - 10  
10:35 Cardiology - Assessing function and dysfunction (Frank Edelmann) - 10  
10:45 *Discussion*

#### 11:00 Coffee Break

11:30 Pulmonology - preoperative considerations for the prevention of HAP (Moritz Hilbrandt) - 10  
11:40 Infectiology - how to prevent SSI (Sonja Hansen) - 10  
11:50 to be announced | Surgical complications - how to avoid? (Katharina Beyer) - 10  
12:00 Case - MDT-board (Ulrich Zwirner) - 10  
12:10 *Discussion*

#### 12:40 Lunch

#### 13:25-14:55 Intraoperative Phase

##### Chairs Phil Niggemann, Wolf Ramackers, Roland Francis

13:25 CRS: Surgical Management/Limitations/Exceeding the possible (Aditi Bhatt) - 10  
13:35 CRS: Hemodynamic Management and Fluid Therapy (Oliver Hunsicker) - 10  
13:45 HIPEC: Surgical Perspective (Ignace de Hingh) - 10  
13:55 What about drainages? (Safak Gül-Klein) - 10  
14:05 HIPEC: "Anesthesia Roller Coaster" (Phil Niggemann) - 10  
14:15 Case presentation: Anesthesia Pitfalls (Mahdi Taher) - 10  
14:25 *Discussion*

#### 14:55-15:55 Postoperative Phase I

**Chairs Martin Huebner, Susanne Marz**  
14:55 Intensive-Care-Management (Lili Veskeema, Susanne Marz, Wolfgang Knitsch) - 10  
15:05 When to extubate? And why? (Markus Flentje) - 10  
15:15 ICU: Metabolism and Nutrition (Andreas Edel) - 10  
15:25 Nursing in the ICU (Geska Loberiza) - 10  
15:35 *Discussion*

#### 15:55 Coffee Break

#### 16:25-18:05 Postoperative Phase II

**Chairs Björn Weiss, Aditi Bhatt**  
16:25 Pain management (Jan Wandrey) - 10  
16:35 Pre-operative or post-operative or no chemotherapy? (Ignace de Hingh) - 10

## 4.-6.12.2023

16:45 Indication and results of PIPAC (Martin Huebner) - 10  
16:55 Duration, dosage and Drugs for HIPEC and PIPAC (Shigeki Kusamura) - 10  
17:05 Palliative Care for Patients with metastatic disease (Frauke Haffner) - 10  
17:15 *Discussion*  
17:45 Risk and risk-communication (Odette Wegwarth) - 20

#### Saturday 2.12.2023

#### 08:30-10:00 Postoperative Complications

**Chairs Annika Kurreck, Martin Huebner**  
08:30 Early and late surgical complications (Miguel Alberto) - 10  
08:40 Chemotherapy, sodium thiosulfide and renal failure (Annika Kurreck) - 10  
08:50 SSI and Sepsis (Evgenia Toubekis) - 10  
09:00 Neurological Complications - from polyneuropathy to delirium (Andreas Totzeck) - 10  
09:10 Is ERAS the key? (Martin Huebner) - 10  
09:20 Case - MDT-board (Philipp Haber) - 10  
09:30 *Discussion*

#### 10:00-11:00 Better safe than sorry

**Chairs Shigeki Kusamura, Miguel Alberto**  
10:00 Early mobilisation and physiotherapy (Uwe Tegtbur) - 15  
10:15 Safety aspects in the OR (Maria Liakopoulou, Safak Gül-Klein) - 10  
10:30 Occupational safety on HIPEC patients (Jesco Stember) - 10  
10:40 Rational use of antibiotics: why, what, when, how long? (Miriam Stegemann) - 10  
10:50 Case discussion: Management of postoperative complications in ICU (Safak Gül-Klein, Susanne Marz) - 10

#### 11:00 Coffee Break

#### 11:30-13:05 Controversial indications

**Chairs Aditi Bhatt, Ignace de Hingh**  
11:30 Gynaecological CRS - reasons against HIPEC and PIPAC (Klaus Pietzner) - 10  
11:40 Gynaecological CRS - reasons for HIPEC and PIPAC (Aditi Bhatt) - 10  
11:50 PMP and MPM: How to treat? (Shigeki Kusamura) - 15  
12:05 *Discussion*  
12:35 Final discussion, distribution of certificates

#### Monday 4.12.2023

08:20 Tumor Board Cases (Rau, Thuss-Patience, Oberender, Arnold, Gül-Klein, Alberto)  
10:00 Outpatient Care – Case Discussions: Surgical and anesthesiological peri op clinical evaluations (Alberto)  
11:00 Prehabilitation - how, when, why? (Mörgeli)  
12:00 **Lunch**  
13:00 OP-Indication and Case Conference (Alberto, Rau, Fehrenbach, Auer)  
14:00 ICU Ward Round (Gül-Klein, Alberto, Marz, Lojewski)  
15:00 **Coffee Break**  
15:30 SOP-Development

#### Tuesday & Wednesday (5.+6.12.2023)

08:30 Operation Theater Live procedure (Safak Gül-Klein, Wolf Ramackers; Moderation: Beate Rau)  
Anaesthesia during HIPEC procedure (Rainer Kuhly, Vincent Heise, other)  
12:00 **Lunch**  
13:00 ICU (Christian Lojewski, other)  
15:45 OP-Indication and Case Conference (Faculty)  
16.00 **End of day**