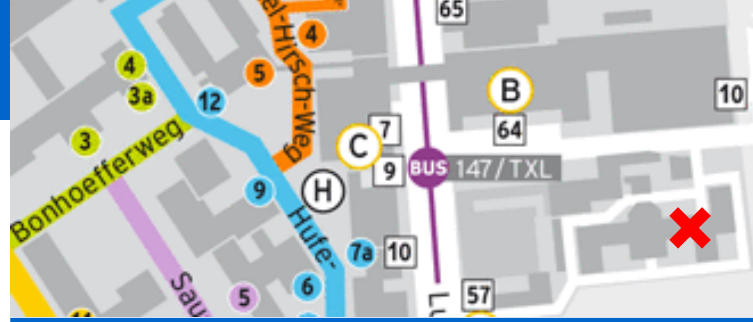


# Speakers

**Chair:** Beate Rau, Charité Campus Virchow Klinikum, Berlin  
**Co-Chair:** Roland Francis, Charité Virchow Klinikum, Berlin

**Felix Aigner MD**, Dep. of Surgery, Charité, Berlin, DE  
**Nicolai Andrees MD**, Dep. of Anesthesiology & Critical Care Medicine, Charité, Berlin, DE  
**Matthias Biebl MD**, Dep. of Surgery, Charité, Berlin, DE  
**Andreas Brandl MD**, Dep. of Surgery, Charité, Berlin, DE  
**Tom Cecil MD**, Peritoneal malignancy institute, Basingstoke Hospital, Basingstoke, GB  
**Uli Fehrenbach MD**, Institute of Neuroradiology - Computed Tomography (CT), Charité, Berlin, DE  
**Roland Francis MD**, Department of Anesthesiology & Critical Care Medicine, Charité, Berlin, DE  
**Gabriel Glockzin MD**, Department of Surgery, Klinikum Bogenhausen, Munich, DE  
**Maik Gollasch MD**, Dep. of Nephrology and Intensive Care Medicine, Charité, Berlin, DE  
**Safak Gül-Klein MD**, Dep. of Surgery, Charité, Berlin, DE  
**Marie Hanna MD**, Dep. of Anesthesiology and Critical Care Medicine, Johns Hopkins University, Baltimore, US  
**Sonja Hansen MD**, Institute of Hygiene, Charité Berlin, DE  
**Jens Hartmann MD**, Chair of the Department of Surgery, AKH, Celle, DE  
**Magnus Kaffarnik MD**, Dep. of Surgery, Charité, Berlin, DE  
**Theo Kim MD**, Medical Department, Division of Oncology and Hematology, Charité, Berlin, DE  
**Axel Köhler**, Commercial Controlling Dep. of Surgery, Charité, Berlin, DE  
**Martin Krebs MD**, Dep. of Anesthesiology & Critical Care Medicine, Charité, Berlin, DE  
**Rainer Kuhly MD**, Dep. of Anesthesiology & Critical Care Medicine, Charité, Berlin, DE  
**Susanne Marz MD**, Intensive Care Unit, Dep. of Surgery, Charité, Berlin, DE  
**Verena Müller MD**, Dep. of Surgery, Charité, Berlin, DE  
**Rohrmoser Amy**, Charité Comprehensive Cancer Center, Psychooncology, Charité, Berlin, DE  
**Johann Pratschke MD**, Head of Dep. of Surgery, Charité, Berlin, DE  
**Beate Rau MD**, Dep. of Surgery, Charité, Berlin, DE  
**Michael Sander MD**, Dep. of Anesthesiology & Critical Care Medicine, Justus-Liebig-University Gießen and Marburg, Gießen, DE  
**Torsten Schröder MD**, Dep. of Anesthesiology & Critical Care Medicine, Charité, Berlin, DE  
**Marianne Sinn**, Dep. for Medical Oncology, Charité, Berlin, DE  
**Jesse Smith**, Scrub nurse, Department of General Surgery, Charité Campus Virchow Klinikum, Berlin, DE  
**Karl Stangl MD**, Medical clinic specializing in cardiology and angiology, Charité, Berlin, DE  
**Sascha Tafelski MD**, Dep. of Anesthesiology & Critical Care Medicine, Charité Berlin, DE  
**Mahdi Taher MD**, Department of Anesthesiology & Critical Care Medicine, Charité, Berlin, DE  
**Peter Thuss-Patience MD**, Division of Oncology and Hematology, Charité, Berlin, DE  
**Sascha Treskatsch MD**, Dep. of Anesthesiology & Critical Care Medicine, Charité, Berlin, DE  
**Thomas Winklmann**, Commercial Controlling Dep. of Surgery, Charité, Berlin, DE



## Course Location

Module 1: Wilhelm-Waldeyer-Haus | Camp. Charité Mitte | Philippstraße 12 | 10115 Berlin; Module 2: Camp. Virchow Klinikum | Mittelallee 3-4

## Accommodation

We have reserved several rooms for our participants at Hotel Albrechtshof (under the key word CHARITE071218 from 7.-8.12.2018 or CHARITE101218 from 10.-12.12.2018). These will be available to book (at the special price) until 10 of November 2018.

**Hotel Albrechtshof:** Albrechtstraße 8; 10117 Berlin  
albrechtshof@albrechtshof-hotels.de Tel. +49 (30) 308 86 0 Fax +49 (30) 308 86 100  
<http://www.albrechtshof-catering.de/de/ihre-ansprechpartner.html>

## 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 03. November 2018

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 n.n. CME-points for module 1 and n.n. points for module 2 (category C)

Veranstalter: Charité & FREUNDE und FÖRDERER DER BERLINER CHARITÉ E.V

## Patronage

BDC | Berufsverband der Deutschen Chirurgen  
BDA | Berufsverband Deutschen Anästhesisten  
DGAV | Deutsche Gesellschaft für Allgemein- und Viszeralchirurgie  
DGA | Gesellschaft für Anästhesiologie und Intensivmedizin  
ESSO | European Society of Surgical Oncology



## Comprehensive Cancer Center

Veranstalter: Charité & FREUNDE und FÖRDERER DER BERLINER CHARITÉ E.V

## 6<sup>th</sup> Course

## Perioperative Management

### Module 1: 07.-08.12.2018

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

### Module 2: 10.-12.12.2018

Live Demonstration of Patients Treatment (limited Number of Participants)



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 anaesthesiological intensive care training (at least one year of experience on an intensive care unit)
- Anaesthesiologist 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 surgical and anaesthesiological

### Sponsors

### MODULE 1: Perioperative Management during CRS & HIPEC in the Treatment of Peritoneal Surface Malignancy (PSM)

#### Friday 07.12.2018

09:00 **Welcome** (Johann Pratschke)  
09:10 **Introduction** (Beate Rau, Roland Francis)

#### 09:40-13:35 Multidisciplinary approach in treating patients with peritoneal surface malignancy

**Chairs Beate Rau, Roland Francis**

09:40 Surgical approach to peritoneal surface malignancy (Rau) - 20+10  
10:10 Staging of peritoneal disease: Necessary or nice to have? (Fehrenbach) - 7+3  
10:20 Cost analysis for CRS and HIPEC (Köhler, Winklmann) - 10+5  
10:35 Anesthetic challenges in CRS and HIPEC (Francis) - 20+10  
11:05 Treatment of peritoneal metastasis from the medical oncology point of view (Sinn) - 20+5

#### 11:30 Coffee break

12:00 Rationale for pre- and postoperative chemotherapy CRS and HIPEC (Thuss - Patience) - 15+5  
12:20 Rationales for HIPEC and safety (drugs, dosage, toxicity) (Glockzin) - 20+10  
12:50 Managing HIPEC adverse events (Smith, Brandl) - 10+5  
13:05 How to prevent and manage nephrotoxicity due to CRS and HIPEC (Gollasch) - 10+5  
13:20 How to reduce SSI ? (Hansen) - 10+5

#### 13:35 Lunch break

#### 14:15-16:15 Cytostatic drugs and Toxicity

**Chairs Torsten Schröder, Susanne Marz**

14:15 Preventing and managing complications associated with CRS and HIPEC (Cecil) - 15+5  
14:35 Preventing chemo-induced toxicity (from HIPEC and bidirectional HIPEC) (Kim) - 10+5  
14:50 Preventing early complications (Biebl) - 10+5  
15:05 Interactive case discussion: late complications (Gül-Klein) - 10+5  
15:20 Interactive case discussion on pitfalls in the OR (Brandl) 15+5  
15:40 Interactive case discussion on pitfalls in the OR (Taher) - 15+5

#### 16:00 Coffee break

#### 16:30-18:30 HIPEC

**Chairs Tom Cecil, Felix Aigner**

16:30 Psychological problems around peritoneal malignancies, CRS and HIPEC (Rohrmoser) - 10+5  
16:45 Outcome after CRS and HIPEC for gastric cancer peritoneal metastases (Brandl) - 10+5  
17:00 Outcome after CRS and HIPEC for colorectal peritoneal metastases (Cecil) - 10+5  
17:15 Appendectomy and LAMN: How to proceed? (Rau) - 10+5  
17:30 Final discussion and feedback round (Marz, Francis)

#### 19:30 Dinner

#### Saturday 08.12.2018

#### 09:00-10:30 Postoperative management

**Chairs Gabriel Glockzin, Susanne Marz**

09:00 Local hospital and national guidelines in PSM (Glockzin) - 10+5  
09:15 ERAS for CRS and HIPEC-patients: How to develop? (Hanna) - 10+5

09:30 Stepping down from intensive care: Risk & management (Kaffarnik) - 10+5  
09:45 Risk factors to ICU re-admission (Gül-Klein) - 10+5  
10:00 Pain management throughout the patients journey (Hanna) - 20+10  
10:30 Case discussion: Management of postoperative complications in ICU (Kaffarnik, Marz) - 20+10

#### 11:00 Coffee break

#### 11:15-13:30 Haemodynamic affairs in CRS & HIPEC

**Chairs Marie Hanna, Roland Francis**

11:30 Goal directed vs. Standard fluid therapy (Sander) - 15+5  
11:50 Neuromonitoring and post OP cognitive function (Francis) - 15+5  
12:10 Quality of life after CRS and HIPEC (Hartmann) - 10+5  
12:25 Hemodynamic monitoring during CRS and HIPEC: necessary or nice to have (Treskatsch) - 15+5  
12:45 Replacement of blood loss and bleeding: When, what, how much and prognostic influence? (Krebs) - 15+5  
13:05 How to avoid Cardiotoxicity in patients with CRS and HIPEC (Stangl) - 15+5  
13:25 How to process a SOP (Brandl) - 10+5  
13:40 Final discussion, distribution of certificates (Marz, Rau)

#### 14:00 Lunch Packet

### MODULE 2: Live Demonstration of Patients Treatment

#### Monday 10.12.2018

08:20 Tumor Board Cases  
- Pro/Con discussion (Brandl, Rau)  
10:00 Outpatient Care – Case Discussions  
Surgical and anaesthesiological perop clinical evaluations (Brandl, Andrees)

#### 12:00 Lunch

13:00 OP-Indication and Case Conference (Faculty)  
14:00 ICU Ward Round (Marz, Kaffarnik, Andrees, Rau)  
15:00 **Coffee Break**  
15:30 SOP-Development (Brandl, Kaffarnik, Marz, Andrees)

#### Tuesday 11.12.2018

08:30 Operation Theater Live procedure  
*Surgery: Beate Rau, Andreas Brandl*  
*Anaesthesiology: Rainer Kuhly, Nicolai Andrees*  
*ICU: Susanne Marz, Magnus Kaffarnik*  
15:45 OP-Indication and Case Conference (Faculty)

#### Wednesday 12.12.2018

08:30 Operation Theater Live procedure  
*Surgery: Beate Rau, Andreas Brandl*  
*Anaesthesiology: Rainer Kuhly, Nicolai Andrees*  
*ICU: Susanne Marz, Magnus Kaffarnik*  
16:00 Conclusions, Evaluation, Certificates, Fare well