34TH INTERNATIONAL GASTROINTESTINAL SURGERY WORKSHOP

APRIL 1 – APRIL 6, 2017
CONGRESS CENTER DAVOS SWITZERLAND

FINAL PROGRAM

OPEN AND LAPAROSCOPIC SURGICAL TECHNIQUES INCLUDING VIRTUAL REALITY TRAINING

ORGANIZED BY THE FOUNDATION FOR GASTROINTESTINAL SURGERY DAVOS.
A MEMBER OF ACADEMIA RÆTICA.
IMAGE1 S – as individual as your requirements

- Rigid endoscopy
- Flexible endoscopy
- 3D endoscopy
- Fluorescence imaging
WELCOME MESSAGE

DEAR COLLEAGUES

We wish you a special warm welcome to this year’s 34th practical course in gastrointestinal surgery in Davos. In the program you will find an arrangement of lectures followed by practical exercises using various models.

Since the inauguration of this course, 33 years ago, surgery of the GI tract has considerably changed and especially two techniques have revolutionized and expanded the possibilities: First the refinement and improved safety of mechanical stapling devices and then of course laparoscopic surgery. Here, a great variety of indications has been generally accepted and the instruments in use are being modified and perfected quite rapidly.

These are good reasons for offering such a course for the benefit of practicing surgeons and those involved in advanced professional education. The course 2017 focuses on detailed technical aspects necessary for accomplishing these surgical interventions and makes specially adapted models available. With virtual reality training models, you can test your skills during the course.

No surgical intervention without basic knowledge. You will take part in state of the art lectures concerning different tools in GI surgery, as well as in interactive sessions on special cases or on errors in surgery.

The main issue of the Davos-philosophy is practicing surgery. Therefore the course is designed to give each participant the chance to practice all the techniques as demonstrated by video on different models. This allows the participants to learn new and to familiarize themselves with alternative procedures and also to improve their skills.

After the lectures, the participants are invited to move to the rooms specially prepared for the individual practical exercises. The numbers on the name-badges correspond with those of each participant’s particular workbench. At each table an instructor will be happy to welcome and guide you. Make frequent use of it!

It is a great pleasure to welcome you to our Davos-Course 2017. We very much hope you will find this week both stimulating and creative.

DANIEL OERTLI
PRESIDENT OF THE FOUNDATION
FOUNDATION FOR GASTROINTESTINAL SURGERY

On December 11, 1989 the Foundation for Gastrointestinal Surgery, Davos, (AGC-Foundation) was founded in accordance with the Swiss law.

AIM OF AGC-FOUNDATION

The aim of the Foundation is to support and promote education in gastrointestinal surgery, in the production of adequate teaching aids as well as in the organization of international exchange of surgeons in training. The Foundation may organize postgraduate courses and intensify scientific exchange between various institutions.

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COURSE SECRETARIAT

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MEDICAL PREPARATOR

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E-MAIL:
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GENERAL INFORMATION

SURGICAL INSTRUMENTS
Surgical instruments for the open and laparoscopic practical exercises will be available from B. Braun Medical for each working place (1 set for each 2 participants only).

Participants with odd registration numbers are invited to pick them up at the Registration Counter before the beginning of the course and to return them on Friday after the final assessment. A credit card guarantee or a deposit, which will be returned upon return of the complete set, has to be provided.

Participants who wish to use their own equipment may bring the same along to Davos which should include the following:
- 1 large needle holder (approx. 20 cm)
- 1 short needle holder (approx. 12 cm)
- 1 pair of fine long forceps (non-toothed)
- 1 pair of short forceps
- 1 pair of dissecting scissors
- 1 pair of straight-stitch cutting scissors
- 6-10 fine artery forceps (mosquitos)

ACCREDITATION OF PARTICIPATION
The program of the course has been established in accordance with the guidelines of the “Berufsverband Deutscher Chirurgen” (BDC), the Swiss Association for Laparoscopic and Thoracoscopic Surgery (SALTS) according to the recommendations of the “Chirurgische Arbeitsgemeinschaft für Endoskopie” (CAE) of the “Deutsche Gesellschaft für Chirurgie”.

The Danish, Swedish and Norwegian Surgical Societies have approved that the course meets the requirements of “Phase II of the Official Training Opportunities”.
CHRÜTERCHRAFT IST DAS GEHEIMNIS

Ricola
GENERAL INFORMATION

CONFIRMATION OF PARTICIPATION AND DIPLOMAS
Certificates will be available at the end of the course on Thursday at the course counter. All participants, including instructors must hand in their personal evaluation sheets in exchange for the diplomas.

THE SECRETARIAT WILL NOT MAIL YOUR CONFIRMATION OF PARTICIPATION AND YOUR DIPLOMA IF NOT PICKED UP IN DAVOS.

CONFIRMATION FOR TAX PURPOSES
In order to meet the requirements to obtain tax exemption each course participant may ask the secretariat to obtain a personal form at the beginning of the course. This form is optional and not compulsory.

It is the responsibility of each participant to have this form signed daily by the table instructor immediately after the session and to get it confirmed daily by the course secretariat.

FREE INTERNET ACCESS
All participants are offered free Internet Access on WLAN during the course.
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GENERAL INFORMATION

COURSE VENUE
Congress Center Davos Platz, Promenade
Tel: +41 81 414 62 15
Fax +41 81 414 62 29
E-Mail during Course: davoscourse@ak-medizin.com

OPENING HOURS OF THE SECRETARIAT IN DAVOS
Saturday, April 1, 2017 · 10.00 – 19.00
Sunday, April 2, 2017 · 08.00 – 12.30 and 14.00 – 20.00

PRACTICAL EXERCISES ACCORDING TO INDIVIDUAL SCHEDULE
The schedule of practical exercises is given in colors at the program outline starting on page 20. Your individual place to work for practical exercises is printed on your name-badge as well as on the colored lists in your course documents.

BASIC SKILLS COURSE
OPEN SURGERY (FOYER B1)

LAPAROSCOPIC EXERCISES
(ROOMS PISCHA / PARSENN, JAKOBSHORN, STRELA & RINERHORN)

INTERMEDIATE SKILLS COURSE (GROUP C)
OPEN SURGERY (FOYER B1)

LAPAROSCOPIC EXERCISES
(ROOMS PISCHA / PARSENN, JAKOBSHORN, STRELA & RINERHORN)

NOTE:
EXERCISES IN OPEN CHOLEZYSTECTOMY WILL TAKE PLACE IN THE LAPAROSCOPIC EXERCISE ROOMS PISCHA/PARSENN · RINERHORN/STRELA UND JAKOBSHORN.

PROGRAM OF LECTURES
LECTURES WILL BE HELD DAILY BEFORE THE PRACTICAL EXERCICES AS OF THE FOLLOWING PAGES.
THE MORNING LECTURES ARE DIVIDED INTO TWO PARTS, FOR THE BASIC SKILLS COURSE AND THE INTERMEDIATE SKILLS COURSE. YOU WILL PROFIT FROM THIS MEASURE AS IT WILL INCREASE THE VALUE OF THE COURSE IN ACCORDANCE WITH YOUR SURGICAL EXPERIENCES.

PROGRAM
BASIC AND INTERMEDIATE COURSE PAGE 19 FF
ADVANCED COURSE PAGE 34 FF
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BASIC & INTERMEDIATE COURSE
INCLUDING VIRTUAL REALITY TRAINING
AGC-COURSE 2017
SCIENTIFIC PROGRAM
01.04.2017 - 06.04.2017

01.04.2017

10.00
OPENING OF THE COURSE
SECRETARIAT AND REGISTRATION

11.30–12.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.00–14.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.30–16.00
JOINT LECTURE
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
D. FREY, WETZIKON
D. FREY, WETZIKON

Basics in laparoscopy
Basics in laparoscopy
Electrosurgery
Electrosurgery

02.04.2017

10.00
OPENING OF THE COURSE
SECRETARIAT AND REGISTRATION

11.30–12.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.00–14.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.30–16.00
JOINT LECTURE
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
D. FREY, WETZIKON
D. FREY, WETZIKON

Basics in laparoscopy
Basics in laparoscopy
Electrosurgery
Electrosurgery

03.04.2017

10.00
OPENING OF THE COURSE
SECRETARIAT AND REGISTRATION

11.30–12.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.00–14.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.30–16.00
JOINT LECTURE
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
D. FREY, WETZIKON
D. FREY, WETZIKON

Basics in laparoscopy
Basics in laparoscopy
Electrosurgery
Electrosurgery

04.04.2017

10.00
OPENING OF THE COURSE
SECRETARIAT AND REGISTRATION

11.30–12.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.00–14.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.30–16.00
JOINT LECTURE
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
D. FREY, WETZIKON
D. FREY, WETZIKON

Basics in laparoscopy
Basics in laparoscopy
Electrosurgery
Electrosurgery

05.04.2017

10.00
OPENING OF THE COURSE
SECRETARIAT AND REGISTRATION

11.30–12.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
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14.00–14.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.30–16.00
JOINT LECTURE
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
D. FREY, WETZIKON
D. FREY, WETZIKON

Basics in laparoscopy
Basics in laparoscopy
Electrosurgery
Electrosurgery

06.04.2017

10.00
OPENING OF THE COURSE
SECRETARIAT AND REGISTRATION

11.30–12.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.00–14.30
COURSE OPENING
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
B. WEIXLER, BASEL
W. BRUNNER, RORSCHACH

14.30–16.00
JOINT LECTURE
(Room Aspen)
MODERATORS: D. OERTLI, BASEL
D. FREY, WETZIKON
D. FREY, WETZIKON

Basics in laparoscopy
Basics in laparoscopy
Electrosurgery
Electrosurgery

OPEN SURGERY – BASIC SKILLS COURSE
(FOYER B1)

LAPAROSCOPIC EXERCISES – BASIC SKILLS COURSE
(ROOMS PISCHA / PARSENN, JAKOBSHORN, STRELA & RINERHORN)
# BASIC SKILLS COURSE

## SATURDAY, 01.04.2017

**16.15–19.00**

**OPEN SURGERY**
- W. MARTI, AARAU / CH. NEBIKER, AARAU

Knot tying and basic suture techniques
- **KNOTS**
- **KNOTTING AT DEPTH, INSTRUMENTAL**
- **CONTINUOUS SUTURE TECHNIQUE**
- **POSTERIOR WALL MATTRESS AND CONTINUOUS**
- **INTERRUPTED ANASTOMOSIS E-E**

## SUNDAY, 02.04.2017

**08.00–09.30**

**LECTURE**
- **ROOM STUDIO**
  - MODERATORS: R. BUMM, CHUR
  - P. VOGELBACH, DORNACH

Avoidance and management of bile duct injuries
- C.T. HAMEL, LÖRRACH

ERAS (Enhanced Recovery After Surgery)
- N. DEMARTINES, LAUSANNE

Peptic disease and its complications
- A.H. HÖLSCHER, FRANKFURT

# INTERMEDIATE SKILLS COURSE

## SATURDAY, 01.04.2017

**19.15**

**GET TOGETHER**

## SUNDAY, 02.04.2017

**08.00–09.30**

**LECTURE**
- **ROOM ASPEN**
  - MODERATORS: ST. POST, MANNHEIM
  - H.O. TEN CATE HOEDEMAKER, GRONINGEN

Abdominal trauma
- D. OERTLI, BASEL

Open abdomen – therapeutic options for closure of laparostomy
- R. ROSSO, LUGANO

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**AVOIDANCE AND MANAGEMENT OF BILE DUCT INJURIES**
- C.T. HAMEL, LÖRRACH

**ERAS (ENHANCED RECOVERY AFTER SURGERY)**
- N. DEMARTINES, LAUSANNE

**PEPTIC DISEASE AND ITS COMPLICATIONS**
- A.H. HÖLSCHER, FRANKFURT

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**CHOLANGIOGRAPHY**
- R. ROSSO, LUGANO

**LAPAROSCOPIC CHOLECYSTECTOMY**
- N. DEMARTINES, LAUSANNE
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<tr>
<td>09.30</td>
<td>INTERMEDIATE SKILLS COURSE</td>
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<tr>
<td>10.00–12.00</td>
<td>LAPAROSCOPIC SURGERY (EM) Laporoscopic knotting and suturing techniques</td>
<td>(continued)</td>
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<td>- N. Demartines, Lausanne / Ch. Nekker, Aarau</td>
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<td></td>
<td>- K. Gokalp, Amsterdam / K. Homan, Amsterdam</td>
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<tr>
<td>12.00</td>
<td>BREAK</td>
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<tr>
<td>12.00</td>
<td>LUNCH BREAK</td>
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<tr>
<td>16.00</td>
<td>COFFEE AND SWEETS (TRADE EXHIBITION)</td>
<td></td>
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<tr>
<td>16.30–17.30</td>
<td>INTERACTIVE SESSION I (ROOM ASPEN) Acute situations in abdominal surgery: clinical scenarios</td>
<td>(continued)</td>
</tr>
<tr>
<td></td>
<td>- P. Vogelbach, Dornach / A. H. Holscher, Frankfurt / D. Hahnloser, Lausanne</td>
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<td></td>
<td>- A. H. Hölsen, Frankfurt / D. Hahnloser, Lausanne</td>
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<tr>
<td>18.00</td>
<td>CASE PRESENTERS: K. Horiemberger, Zürich / D. Frey, Witzikon</td>
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</tbody>
</table>

**OPEN SURGERY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>09.30</td>
<td>INTERMEDIATE SKILLS COURSE</td>
<td></td>
</tr>
<tr>
<td>10.00–12.00</td>
<td>OPEN SURGERY Bowel anastomosis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- ST. Post, Mannheim / N. Senninger, Münster</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- S. Post, Mannheim / N. Senninger, Münster</td>
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</tr>
<tr>
<td>12.00</td>
<td>BREAK</td>
<td></td>
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<tr>
<td>12.00</td>
<td>LUNCH BREAK</td>
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<tr>
<td>16.00</td>
<td>COFFEE AND SWEETS (TRADE EXHIBITION)</td>
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</tr>
<tr>
<td>16.30–17.30</td>
<td>INTERACTIVE SESSION I (ROOM ASPEN) Acute situations in abdominal surgery: clinical scenarios</td>
<td>(continued)</td>
</tr>
<tr>
<td></td>
<td>- P. Vogelbach, Dornach / A. H. Holscher, Frankfurt / D. Hahnloser, Lausanne</td>
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<td>- A. H. Hölsen, Frankfurt / D. Hahnloser, Lausanne</td>
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<tr>
<td>18.00</td>
<td>CASE PRESENTERS: K. Horiemberger, Zürich / D. Frey, Witzikon</td>
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</tbody>
</table>

**LAPAROSCOPIC EXERCISES – BASIC SKILLS COURSE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>09.30</td>
<td>INTERMEDIATE SKILLS COURSE</td>
<td></td>
</tr>
<tr>
<td>10.00–12.00</td>
<td>LAPAROSCOPIC EXERCISES – BASIC SKILLS COURSE</td>
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<tr>
<td></td>
<td>(ROOMS PISCHA / PARSEN, JAKOBSHORN, STRELA &amp; RINERHORN)</td>
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<tr>
<td>12.00</td>
<td>BREAK</td>
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<td>12.00</td>
<td>LUNCH BREAK</td>
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<tr>
<td>16.00</td>
<td>COFFEE AND SWEETS (TRADE EXHIBITION)</td>
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<tr>
<td>16.30–17.30</td>
<td>INTERACTIVE SESSION I (ROOM ASPEN) Acute situations in abdominal surgery: clinical scenarios</td>
<td>(continued)</td>
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<tr>
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<td>- P. Vogelbach, Dornach / A. H. Holscher, Frankfurt / D. Hahnloser, Lausanne</td>
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<td>- A. H. Hölsen, Frankfurt / D. Hahnloser, Lausanne</td>
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<tr>
<td>18.00</td>
<td>CASE PRESENTERS: K. Horiemberger, Zürich / D. Frey, Witzikon</td>
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<tr>
<td>Time</td>
<td>Basic Skills Course</td>
<td>Intermediate Skills Course</td>
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<tr>
<td>12.00</td>
<td>Lunch Break</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>13.45–19.30</td>
<td>Virtual Reality Training (Room Forum)</td>
<td>Individual schedule included in course documents</td>
</tr>
<tr>
<td>16.30–17.30</td>
<td>Interactive Session II (Room Aspen) Management of surgical complications</td>
<td>Interactive Session II (Room Aspen) Management of surgical complications</td>
</tr>
<tr>
<td></td>
<td>Laparoscopic anterior resection</td>
<td>Laparoscopic anterior resection</td>
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<tr>
<td></td>
<td>— Port Site Closure</td>
<td>— Laparoscopic anterior resection</td>
</tr>
</tbody>
</table>

**AGC-COURSE 2017**

**Scientific Program**

01.04.2017 – 06.04.2017
### TUESDAY, 04.04.2017

#### BASIC SKILLS COURSE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 14.30–15.30 | **LAPAROSCOPIC SURGERY (MW)**  
Open Cholecystectomy  
— C.T. HAMEL, LÖRRACH / P. VOGELBACH, DORNACH |
| 15.30–17.30 | **Introduction in laparoscopic surgery**  
— INTRODUCTION  
— PNEUMO, 1ST TROCAR  
— INSERTION OF TROCARS (CAMERAWORK)  
— TRANSPORT OF MATCHES  
— CLIPPING  
— UNWRAPPING OF RICCOLA |

#### INTERMEDIATE SKILLS COURSE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
</table>
| 15.00–17.15 | **OPEN SURGERY**  
— R. BUMM, CHUR / N. SENNINGER, MÜNSTER  
— KNOTS  
— KNOTTING AT DEPTH, INSTRUMENTAL  
— CONTINUOUS SUTURE TECHNIQUE  
— POSTERIOR WALL MATTRESS AND CONTINUOUS  
Stoma placement  
— LOOP ILEOSTOMY COLOSTOMY  
— CLOSURE ABDOMINAL WALL |

#### INTERACTIVE SESSION III

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 17.30–18.30 | **Acute situations in abdominal surgery: clinical scenarios II**  
MODERATOR: N. DEMARTINES, LAUSANNE  
PANELLISTS: R. ROSSO, LUGANO  
D. OERTLI, BASEL  
N. SENNINGER, MÜNSTER  
CASE PRESENTERS: D.M. FREY, WETZIKON  
P. VOGELBACH, DORNACH  
H.O. TEN CATE HOEDEMAKER, GRONINGEN |

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 17.30–18.30 | **Acute situations in abdominal surgery: clinical scenarios II**  
MODERATOR: N. DEMARTINES, LAUSANNE  
PANELLISTS: R. ROSSO, LUGANO  
D. OERTLI, BASEL  
N. SENNINGER, MÜNSTER  
CASE PRESENTERS: D.M. FREY, WETZIKON  
P. VOGELBACH, DORNACH  
H.O. TEN CATE HOEDEMAKER, GRONINGEN |
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## BASIC SKILLS COURSE

**08.00–09.30**
- LECTURE
  - Laparoscopic colorectal surgery
  - Rectal resection and replacement
  - Moderators: W. R. Marti, Aarau; A. H. Hölscher, Frankfurt

**08.15–09.45**
- Virtual Reality Training

**09.30**
- Break

**10.00–12.00**
- OPEN SURGERY
  - R. Bum, Chur / D. M. Frey, Wetikon
  - Bowel anastomosis and Gastroenterostomy
  - Interrupted Anastomosis E-E
  - Continuous Anastomosis E-S
  - Cross Section Gastroenterostomy

**12.00**
- Lunch Break

## INTERMEDIATE SKILLS COURSE

**08.00–09.30**
- LECTURE
  - Laparoscopic colorectal surgery
  - Rectal resection and replacement
  - Moderators: T. Scheinin, Helsinki; N. Senninger, Münster

**08.15–09.45**
- Virtual Reality Training

**09.30**
- Break

**10.00–12.00**
- LAPAROSCOPIC SURGERY (MW)
  - C. T. Hamel, Lorrach
  - A. H. Hölscher, Frankfurt
  - Basic laparoscopic techniques
  - Papercutting
  - Chickenpeeling

**12.00**
- Lunch Break
Simply hot!
CLICKline single-use scissors inserts
Was immer Sie brauchen.

Für natürliche Bewegungen.

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
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<tbody>
<tr>
<td>09.30–12.00</td>
<td>OPEN SURGERY</td>
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<td>— W. MARTI, AARAU / D.M. FREY, WETZIKON</td>
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<td></td>
<td>— CONTINUOUS ANASTOMOSIS E-E</td>
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<td>— ILEO-ILEOSTOMY</td>
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<td>— ILEO-TRANSVERSOSTOMY</td>
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<td>— ANTERIOR RESECTION</td>
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<td>12.00</td>
<td>LUNCH BREAK</td>
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<td>14.00–16.00</td>
<td>OPEN SURGERY</td>
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<td>— N. DEMARTINES, LAUSANNE / N. SENNINGER, MONSTER</td>
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<td>— HEPATICOJEJUNOSTOMY</td>
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<td>— PANCREAS ANASTOMOSIS</td>
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<td>END OF COURSE</td>
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<tr>
<td>09.30–12.00</td>
<td>LAPAROSCOPIC SURGERY (EW)</td>
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<tr>
<td></td>
<td>— C.T. HAMEL, LÖRRACH / R. BUMM, CHUR</td>
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<tr>
<td></td>
<td>— LAPAROSCOPIC KNOT TYING AND SUTURE TECHNIQUES</td>
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<td>— CHOLANGIOGRAPHY</td>
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<td>— KNOT PUSHERS</td>
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<td>— SURGICAL KNOT (MODULE)</td>
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<td>12.00</td>
<td>LUNCH BREAK</td>
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<tr>
<td>14.00–16.00</td>
<td>LAPAROSCOPIC SURGERY (EW)</td>
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<td></td>
<td>— P. VOGELBACH, DORNACH / C.T. HAMEL, LÖRRACH</td>
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<td>— LAPAROSCOPIC CHOLECYSTECTOMY</td>
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<td>— HEMOSTASIS IN THE LIVER</td>
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<td>— PORT SITE CLOSURE</td>
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<tr>
<td></td>
<td>END OF COURSE</td>
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</tbody>
</table>

**Open Surgeries**
- Hepaticojejunostomy and Pancreas anastomosis
- Ileostomy
- Anterior resection

**Laparoscopic Surgeries**
- Cholecystectomy
- Hepatojejunostomy
- Pancreas anastomosis
- Hemostasis in the liver
- Port site closure
ADVANCED COURSE
WELCOME MESSAGE

DEAR COLLEAGUES

Since the inauguration of this course, over 30 years ago, gastrointestinal surgery has been pushed forward towards minimal invasive procedures. Professional education and international collaboration are the keystones of the long lasting success of the Davos courses, as well as renewal.

Therefore, in 2015 we started a pilot project besides the basic and intermediate course: The Advanced Course – focusing two topics in two modules, colorectal and hernia surgery. Concept and program was set up by international collaboration again, in particular by Walter Brunner, Harry v. Goor and Friedrich Herbst.

Success made us believe in this new course and hence we wish you a special warm welcome to the 3rd Advanced Course 2017! In the advanced course program you will find an arrangement of lectures and practical exercises using various models. The theoretical part will cover interactive lectures, split group theory sessions with rotation, case discussions and meet the experts rounds. As a participant you will also be involved in moderations, should bring in your experience and own cases, ask questions and be part in the exchange of knowledge. Therefore you are requested to bring your smart phones and laptops to special interactive sessions and literature research.

Furthermore, the main issue to improve your skills in practical exercises was always a focus of the Davos course and will be part of the advanced course as well. You will be trained on different modules including perfused organs in POP-Trainers. At each table expert instructors in the topic of the advanced course will be happy to welcome and guide you. Make frequent use of it!

Since this is the a new course anyway we kindly ask you in advance for your understanding in case of short rearrangement of lectures, topics or lecturer and are highly interested in your feedback to improve the courses for the next years.

It is a great pleasure to welcome you to our Davos-Course 2017. We very much hope you will find this new advanced course both stimulating and creative.

WALTER BRUNNER
ORGANIZER ADVANCED COURSE

DANIEL OERTLI
PRESIDENT OF THE FOUNDATION
ORGANIZERS
ADVANCED COURSE

ORGANIZER AND MEDICAL DIRECTOR
OF THE COURSE

DR. MED.
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DEPARTEMENT CHIRURGIE
RORSCHACH
KANTONSSPITAL ST. GALLEN
9400 RORSCHACH
E-MAIL: WALTER.BRUNNER@KSSG.CH

DR. MED.
BENJAMIN WEIXLER
LEIDEN UNIVERSITY
MEDICAL CENTER
DEPARTMENT OF SURGERY
ALBINUSDREEF 2
2333 ZA LEIDEN
NETHERLANDS
E-MAIL: B.WEIXLER@LUMC.NL

COURSE SECRETARIAT

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C/O OK-MEDIZIN BY CUTAWAY AMMAN
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CH-4333 MUNCHWILEN
SWITZERLAND

TEL: +41 62 873 10 10
E-MAIL: DAVOSCOURSE@AK-MEDIZIN.COM
HOMEPAGE: WWW.DAVOSCOURSE.CH

COURSE COORDINATOR

JÉRÔME AMMANN
AK-MEDIZIN
FEAT. „CUT-AWAY“ AMMANN
MUNCHWILEN, SWITZERLAND
E-MAIL: JA@AK-MEDIZIN.COM

COURSE ADMINISTRATOR

MARIANNE BERTSCHI
ALIVECO AG
LUPSINGEN, SWITZERLAND
E-MAIL: MARIANNE.BERTSCHI@ALLVECO.CH
FACULTY AND LECTURERS
ADVANCED COURSE

DR. MED. WALTER BRUNNER, RORSCHACH, SWITZERLAND

PROF. DR. MED. DIETER HAHNLOSER, LAUSANNE, SWITZERLAND

PROF. DR. MED. FRIEDRICH HERBST, WIEN, AUSTRIA

PROF. DR. MED. NORBERT SENNINGER, MÜNSTER, GERMANY

PROF. DR. MED. HENK O. TEN CATE HOEDEMAKER, GRONINGEN, THE NETHERLANDS

PROF. DR. MED. HARRY VAN GOOR, NIJMEGEN, THE NETHERLANDS

GUEST FACULTY

DR. MED. KATRIN BERMOSER, HALL I. TIROL, AUSTRIA

DR. MED. STEPHAN BISCHOBERGER, ST. GALLEN, SWITZERLAND

DOZ. DR. GERD SILBERHUMER, WIEN, AUSTRIA

DR. MED. ALEXANDER SZYSZKOWITZ, GRAZ, AUSTRIA

DR. OTMAR BUYNE, NIJMEGEN, THE NETHERLANDS

DR. MED. GERALD SEITINGER, GRAZ, AUSTRIA

DOZ. DR. MED. ALEXANDER PETTER, WIEN, AUSTRIA

DR. MED. HENRY HOFFMANN, BASEL, SWITZERLAND

PROF. DR. ULRICH DIETZ, WÜRZBURG, GERMANY

PRIV. DOZ. DR. MED. RENÉ FORTELNY, WIEN, AUSTRIA

UNIV. DOZ. DR. MED. ANDREAS SHAMIYEH, LINZ, AUSTRIA

DR. MED. GERALD SEITTINGER, GRAZ, AUSTRIA
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GENERAL INFORMATION
ADVANCED COURSE

PRACTICAL EXERCISES ACCORDING TO INDIVIDUAL SCHEDULE
The schedule of practical exercises is given in colors at the end of the program outline.

COLORECTAL SURGERY MODULE
ACC

HERNIA SURGERY MODULE
ACH

PROGRAM OF LECTURES
Lectures will be held daily in conjunction with the practical exercises as of the following pages.

SMART PHONES AND LAPTOPS
Participants are requested to bring their smart phones and laptops for the interactive sessions and voting, as well as literature research.

CONFIRMATION OF PARTICIPATION AND DIPLOMAS
Certificates will be available at the end of each module of the advanced course. All participants, including instructors must hand in their personal evaluation sheets in exchange for the diplomas.
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### SATURDAY, 01.04.2017

**ADVANCED COURSE COLORECTAL MODULE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.00</td>
<td><strong>OPENING OF THE COURSE SECRETARIAT AND REGISTRATION</strong></td>
<td></td>
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</tr>
<tr>
<td>10.30</td>
<td><strong>COURSE OPENING ADVANCED COURSE COLORECTAL MODULE (ACC)</strong></td>
<td>ASPEN</td>
<td>D. OERTLI, BASEL / W. BRUNNER, RORSCHACH / F. HERBST, WIEN / H. VAN GOOR, NIJMEGEN</td>
</tr>
<tr>
<td>10.45–12.00</td>
<td><strong>LECTURE</strong>&lt;br&gt;<strong>Anatomy / Radiology – what surgeons should know</strong></td>
<td>ASPEN</td>
<td>H.O. TEN CATE HOEDEMAKER, GRONINGEN / F. HERBST, WIEN</td>
</tr>
<tr>
<td>12.00–13.00</td>
<td><strong>LUNCH BREAK</strong></td>
<td></td>
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<tr>
<td>13.00–15.45</td>
<td><strong>ACC - COLORECTAL</strong>&lt;br&gt;(ROOM JAKOBSHORN)&lt;br&gt;Trocar placement&lt;br&gt;Suture techniques: extracorp / intracorp</td>
<td>JAKOBSHORN</td>
<td>W. BRUNNER, RORSCHACH / F. HERBST, WIEN / H. VAN GOOR, NIJMEGEN</td>
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<tr>
<td>15.45–16.15</td>
<td><strong>BREAK</strong> Coffee (trade exhibition)</td>
<td></td>
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<tr>
<td>16.15–17.15</td>
<td><strong>CLINICAL SCENARIOS I – DIAGNOSTIC - QUIZ</strong></td>
<td>ASPEN</td>
<td>W. BRUNNER, RORSCHACH / F. HERBST, WIEN / O. BUYNE, NIJMEGEN</td>
</tr>
</tbody>
</table>
**SATURDAY, 01.04.2017**

**ADVANCED COURSE COLORECTAL MODULE**

**CASE DISCUSSION I**
**DIVERTICULITIS / MALIGNANT BOWEL OBSTRUCTION**  
(Room Aspen)

**Topic I – Diverticulitis**  
— H. VAN GOOR, NIJMEGEN / A. SHAMIYEH, LINZ

**Topic II – Malignant bowel obstruction**  
— N. SENNINGER, MÜNSTER / G. SILBERHUMER, WIEN

18.45  
**WELCOME – GET TOGETHER**  
Trade exhibition

**SUNDAY, 02.04.2017**

**ADVANCED COURSE COLORECTAL MODULE**

**ACC - COLORECTAL**  
(Room Jakobshorn)

— F. HERBST, WIEN / G. SILBERHUMER, WIEN

Left side anastomosis

09.30–10.00  
**BREACH**

10.00–12.00  
**LECTURES**  
(Room Aspen)

**Strategies in left colon resections**  
— A. SHAMIYEH, LINZ

**Strategies in right colon / transverse colon resections**  
— W. BRUNNER, RORSCHACH

**Genetic markers and laboratory parameters? Which, when, who?**  
— S. BISCHOFFBERGER, ST. GALLEN
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
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<tbody>
<tr>
<td>12.00</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>14.00</td>
<td>Option for Practical Exercises</td>
</tr>
<tr>
<td>14.45</td>
<td>Coffee and sweets (trade exhibition)</td>
</tr>
</tbody>
</table>
| 15.00–17.15 | Case Discussion II  
IBD – Interdisciplinary Surgery  
Topic III – IBD  
– F. HERBST, WIEN  / D. HAHNLOSER, LAUSANNE  
Topic IV – The gynaecologists / urologists need you  
– H. VAN GOOR, NIJMEGEN / W. BRUNNER, RORSCHACH  
(Room Aspen) |
| 17.15–17.30 | Break  
IBD – Interdisciplinary Surgery  
Case Discussion II  
Topic III – IBD  
– F. HERBST, WIEN  / D. HAHNLOSER, LAUSANNE  
Topic IV – The gynaecologists / urologists need you  
– H. VAN GOOR, NIJMEGEN / W. BRUNNER, RORSCHACH  
(Room Aspen) |
| 17.30–19.00 | \textbf{ACC - COLORECTAL}  
Dissection and vessel management  
– W. BRUNNER, RORSCHACH / A. SHAMIYEH, LINZ  
(Room Jakobs Horn) |
| 08.00–09.30 | \textbf{ACC}  
Advanced course colorectal module  
(Room Jakobs Horn)  
– W. BRUNNER, RORSCHACH / G. SETTINGER, GRAZ (Room Jakobs Horn) |
| 09.30–10.30 | \textbf{ACC}  
Advanced course colorectal module  
(Room Jakobs Horn)  
– W. BRUNNER, RORSCHACH / G. SETTINGER, GRAZ (Room Jakobs Horn) |
| 12.00  | Lunch Break                                                              |
| 14.00  | Option for Practical Exercises                                           |
| 14.45  | Coffee and sweets (trade exhibition)                                     |
| 15.00–17.15 | Case Discussion II  
IBD – Interdisciplinary Surgery  
Topic III – IBD  
– F. HERBST, WIEN  / D. HAHNLOSER, LAUSANNE  
Topic IV – The gynaecologists / urologists need you  
– H. VAN GOOR, NIJMEGEN / W. BRUNNER, RORSCHACH  
(Room Aspen) |
| 17.15–17.30 | Break  
IBD – Interdisciplinary Surgery  
Case Discussion II  
Topic III – IBD  
– F. HERBST, WIEN  / D. HAHNLOSER, LAUSANNE  
Topic IV – The gynaecologists / urologists need you  
– H. VAN GOOR, NIJMEGEN / W. BRUNNER, RORSCHACH  
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Advanced course colorectal module  
(Room Jakobs Horn)  
– W. BRUNNER, RORSCHACH / G. SETTINGER, GRAZ (Room Jakobs Horn) |
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**MONDAY, 03.04.2017**  
**ADVANCED COURSE COLORECTAL MODULE**  
**ACC**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09.30–10.00</td>
<td><strong>BREAK</strong></td>
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</tbody>
</table>
| 10.00–12.00| **LECTURES**  
  (ROOM ASPEN)  
  Strategies in rectal cancer surgery, resection and replacement  
  — F. HERBST, WIEN  
  Transanal approach, function and scores  
  — W. BRUNNER, RORSCHACH  
  Ileostomy or colostomy? Formation and closure  
  — D. HAHNLOSER, LAUSANNE |
| 12.00      | **LUNCH BREAK**                              |
| 14.00      | **OPTION FOR PRACTICAL EXERCISES**           |
| 14.45      | **BREAK**                                    |
| 15.00–17.15| **ACC - COLORECTAL**  
  (ROOM JAKOBSHORN)  
  — F. HERBST, WIEN / G. SILBERHUMER, WIEN  
  Dissection and Vessel management II |
| 17.15–17.30| **COFFEE AND SWEETS (TRADE EXHIBITION)**     |
| 17.30–19.00| **CLINICAL SCENARIOS II – COMPLICATION MANAGEMENT**  
  (ROOM ASPEN)  
  — W. BRUNNER, RORSCHACH / F. HERBST, WIEN / G. SILBERHUMER, WIEN  
  — A. SHAMIYEH, LINZ / G. SEITINGER, GRAZ / N. SENNINGER, MÜNSTER |
### Tuesday, 04.04.2017

#### ADVANCED COURSE COLORECTAL MODULE (ACC)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 08.00–09.30 | **ACC - COLORECTAL**  
ROOM JAKOBSHORN  
A. SHAMIYEH, LINZ / G. SEITINGER, GRAZ  
Right side anastomosis II  
Extracorporal / intracorporal |
| 09.30–09.45 | **BREAK**          |
| 09.45–12.00 | **MEET THE EXPERTS BRUNCH**  
4 TOPICS – 4 TABLES – 8 EXPERTS  
(SCHIAHORN ROOM, 3RD FLOOR WING A)  
Polyposis, FAP  
F. HERBST, WIEN / N. SENNINGER, MÜNSTER  
Anastomotic leakage  
H. VAN GOOR, NIJMEGEN / A. SHAMIYEH, LINZ  
TEM/TAMIS  
W. BRUNNER, RORSCHACH / G. SILBERHUMER, WIEN  
Rectal Prolapse Surgery  
D. HAHNLOSER, LAUSANNE / S. BISCHOFBERGER, ST. GALLEN |
| 12.00   | **ADVANCED COURSE COLORECTAL MODULE (ACC) CLOSURE**  
ACC - COLORECTAL  
ROOM JAKOBSHORN  
A. SHAMIYEH, LINZ / G. SEITINGER, GRAZ  
Right side anastomosis II  
Extracorporal / intracorporal |
ADVANCED COURSE HERNIA MODULE (ACH)

16.00 – 17.30

LECTURES
(AUDIO ASYMPH)

- Anatomie - groin, abdominal wall
  - H.O. Ten Cate Hoejemaer, Groningen

- Standard techniques in hernia surgery
  - W. Brunner, Rorschach
  - R. Fortelny, Wien
  - U. Dietz, Würzburg

17.45 – 19.45

ACH - HERNIAS
(ROOM JAKOBSHORN)


WORKING GROUPS

- TAPP Training
- Ventral hernia repair
- Suture exercises
### ADVANCED COURSE HERNIA MODULE

**05.04.2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
</table>
| 08.00-09.30 | **ACH - HERNIA** (Room Jakobshorn)  
- O. Buyne, Nijmegen / U. Dietz, Würzburg  
  - Working groups I  
  - TAPP Training  
  - Ventral hernia repair  
  - Suture exercises |
| 09.30-10.00 | **BREAK** |
| 10.00-12.00 | **LECTURES** (Room Aspen)  
  - Scope of the problem, Diagnosis, Classification  
    - R. Fortelny, Wien  
  - Parastomal hernia  
    - O. Buyne, Nijmegen  
  - Rare hernia  
    - W. Brunner, Rorschach |
| 12.00 | **LUNCH BREAK** |
| 14.00 | **OPTION FOR PRACTICAL EXERCISES** |
| 15.00 | **BREAK** |
| 15.15-16.45 | **ACH - HERNIA** (Room Jakobshorn)  
- W. Brunner, Rorschach / U. Dietz, Würzburg  
  - Working groups II  
  - TAPP Training  
  - Ventral hernia repair  
  - Suture exercises  
  - Mesh placement and fixation, glue |
WEDNESDAY, 05.04.2017  ADVANCED COURSE HERNIA MODULE  ACH

16.45–17.00  COFFEE AND SWEETS (TRADE EXHIBITION)

17.00–19.00  SPLIT GROUP THEORY I  
(Room Aspen)

I) Treatment of recurrent hernia  
— O. Buyne, Nijmegen / A. Szyszkowitz, Graz

II) IPOM / Umbilical hernia  
— R. Fortelny, Wien / H.O. Ten Cate Hoedemaker, Groningen

THURSDAY, 06.04.2017  ADVANCED COURSE HERNIA MODULE  ACH

08.00–09.30  ACH - HERNIA  
(Room Jakobshorn)  
— O. Buyne, Nijmegen / R. Fortelny, Wien

Parastomal hernia  
Adhesiolysis

09.30–10.00  BREAK

10.00–12.00  LECTURES  
(Room Aspen)

Wound closure and infection  
— H. van Goor, Nijmegen

Open abdomen – options for closure  
— U. Dietz, Würzburg

Perioperative treatment and risk reduction  
— O. Buyne, Nijmegen

12.00  LUNCH BREAK
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<tbody>
<tr>
<td>14.30</td>
<td>COFFEE AND SWEETS (TRADE EXHIBITION)</td>
</tr>
</tbody>
</table>
| 15.00–16.30 | SPLIT GROUP THEORY II  
                 | (ROOM ASPEN)  
                 | I) Chronic pain prevention and treatment  
                 | — H. VAN GOOR, NIJMEGEN / R. FORTELNY, WIEN  
                 | II) IPOM / Umbilical hernia  
                 | — O. BUYNE, NIJMEGEN / U. DIETZ, WÜRZBURG |
| 16.30–18.00 | ACH - HERNIA  
                | (ROOM JAKOBSHORN)  
                | — W. BRUNNER, RORSCHACH / H. VAN GOOR, NIJMEGEN  
                | Working groups II  
                | TAPP Training  
                | Ventral hernia repair  
                | Suture exercises  
                | Mesh placement and fixation, glue |
| 18.00    | ADVANCED COURSE HERNIA MODULE (ACH)  
                     | DISTRIBUTION OF CERTIFICATES |

All practical exercises will take place at ROOM JAKOBSHORN.