INTRODUCTION

LESS surgery signals a further advancement in minimally invasive surgery. After a safe approach to this innovative technique many procedures like appendectomy, cholecystectomy and colon resections are performed with LESS. To ensure an optimal quality of surgical practice in LESS it is necessary to train general surgeons in laparoscopic “single port skills”.

THE CONCEPT

The main focus of this one and a half day training course is the standardised cholecystectomy with LESS.

Lectures will review the evidence-based medicine, show the access and closure as well as the main steps of the procedure with tips and tricks and how to solve difficult situations. The course faculty will demonstrate the standardised cholecystectomy in three live cases and two hands-on sessions in a wet-lab environment. This training course will prepare the trainees to start with LESS cholecystectomy in their daily surgery.

FACULTY

Course directors

Dr Thomas Langwieler
Hamburg, Germany

Dr Irfan Ahmed
Aberdeen, United Kingdom

Dr Andreas Keerl
Baden, Switzerland

Dr Yuen Soon
London, United Kingdom

CREDITS

According to the General Medical Council Hamburg this course receives 18 credits in Germany.
## AGENDA

### Day One

01.00 p.m.  
Welcome and introduction

01.30 p.m.  
LESS and evidence-based medicine

02.15 p.m.  
Standardised LESS cholecystectomy and recommended instruments

03.00 p.m.  
Access and closure

03.45 p.m.  
Tips and tricks

04.30 p.m.  
How to solve difficult situations

04.45 p.m.  
Coffee break

04.50 p.m.  
Hands-on session with box trainer

07.00 p.m.  
End of day one

08.00 p.m.  
Dinner

### Day Two

08.15 a.m.  
Live surgery (2–3 cholecystectomies)

12.30 p.m.  
Lunch

01.00 p.m.  
2 hands-on sessions with box trainer.

03.00 p.m.  
Final discussion and conclusion

03.30 p.m.  
End of the training course and departure

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