

# ADVANCED COURSE IN COMPLEX BILIARY SURGERY

## PROGRAMME

**ircad**  
France  
STRASBOURG  
UNIVERSITY



**APRIL 27 - 29**

**A. Nassar** (GB)

**N. Demartines** (CH)

**D. Mutter** (FR)

**J. Marescaux** (FR, RW)

## FACULTY MEMBERS

Nicolas DEMARTINES	UNIL, Lausanne, Switzerland
Ahmad NASSAR	Department of surgery, University of Glasgow, Glasgow, United Kingdom
Jacques MARESCAUX	IRCAD, Strasbourg, France
Didier MUTTER	NHC, Strasbourg, France
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Antonello FORGIONE	IRCAD, Strasbourg, France
Marciano GIMENEZ	Fundacion Daicim, Buenos Aires, Argentina
Marc GIOVANNINI	IRCAD, Strasbourg, France
Bernhard HIRT	Institute for Clinical Anatomy and Cell Analysis, Tuebingen, Germany
Tarek KATBEH	Queen Elizabeth University Hospital, Glasgow, United Kingdom
Olivier SOUBRANE	Institut Mutualiste Montsouris, Paris, France
Jaime VILACA	Hospital Da Luz Arrabida, Vila Nova de Gaia, Portugal
Michel VIX	NHC, Strasbourg, France

## TRAINERS IN THE LAB

*Each IRCAD faculty member confirms that any conflict of interest they may declare has no bearing on any scientific activity during the courses: all course content is fair, balanced, and free of commercial bias*

# COURSE OBJECTIVES

- To discuss the rational, indications, patient selection and logistical aspects of CBD exploration
- To demonstrate various techniques of CBD exploration with videos, hands-on practice on tissue models and live-animal surgery
- To familiarise participants with the insertion and manipulation of choledochoscope for transcystic and trans-choledochotomy stone extraction
- The course will also highlight the setup of an emergency biliary service; referrals and scheduling protocols, business cases, equipment and logistical support
- To offer hands-on sessions to enhance laparoscopic surgical skills through live tissue practice under expert guidance
- To describe postoperative clinical outcomes and practical applications of evidence-based medicine

# COURSE ENDORSEMENT AND ACCREDITATION



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# Monday, April 27 - 2026

## MORNING

07:45 am Registration and welcoming of the participants

### 08:00 -10:00 am THEORETICAL & VIDEO SESSION 1: Cholecystectomy

**Chairmen:** N. Demartines -

Laparoscopic cholecystectomy after 35 years; critical review of safety	A. Nassar
Biliary lithiasis: epidemiology, incidence, complications	L. de Carvalho
Surgical Anatomy of the Hepatobiliary System	B. Hirt
Managing cholecystitis, pancreatitis, jaundice / cholangitis	T. Katbeh
Optimal access; obesity, previous abdominal and biliary surgery	L. de Carvalho
Minimising complications: adhesiolysis, dissection and closure	J. Vilaca
Managing acute cholecystitis; Tokyo guideline 2018	J. Vilaca
The difficult cholecystectomy	A. Nassar
Choledochoscopy: materials and techniques	A. Nassar

09:45 – 10:00 Coffee break

### 10:00 -12:00 am THEORETICAL & VIDEO SESSION 2: Cholangiography / Transcystic exploration

**Chairmen:** N. Demartines -

Single session management of ductal stones: philosophy, evidence, service design, preoperative protocols, logistic	A. Nassar
Management strategies; imaging and types of interventions	J. Vilaca
ERCP: indications and methods	M. Giovannini
Cholangiography: methods and interpretation	T. Katbeh
Other imaging: PTC, Laparoscopic Ultrasound, ICG	M. Gimenez
Transcystic exploration; indications / case selection	L. de Carvalho
Cholangioscopy. Evidence available today	M. Gimenez
Robotic and single port surgery: technical evolution	TBD

12:00 pm – 01:00 pm Lunch at the Institute



# Monday, April 27 - 2026

## AFTERNOON

01:00 – 03:00 pm

### **HANDS-ON SESSION 1** **Cholangiography / Choledochoscopy**

01:30 pm: Pre-lab session: Definition of procedures to be done (in the Auditorium)

Faculty member and local trainers: expert rotation per table

Cholangiography: cannulation, catheters, clamps vs free cannula, handling and care of the choledochoscope

- Cholangiography station: by participant rotation
- Laser station: by participant rotation
- Percutaneous ultrasound: by participant station

03:15 – 05:00 pm

### **HANDS-ON SESSION 2** **Transcystic exploration**

Transcystic exploration: blind trawling, Basket-in catheter, types of baskets, 3 mm choledochoscopy

Intrahepatic choledochoscopy; “Wiper-Blade manoeuvre”

Choledochotomy / stone removal

- Cholangiography station: by participant rotation
- Laser station: by participant rotation
- Percutaneous ultrasound: by participant station

05:00 pm

End of the session – Evening free

# Tuesday, April 28 - 2026

## MORNING

07:50 am Evaluation of the previous day

### 08:00 – 09:00 am THEORETICAL SESSION 3: Bile Duct Exploration

**Chairmen:** N. Demartines -

Choledochotomy exploration: indications and technique	J. Vilaca
The difficult exploration: multiple, large, impacted, intrahepatic stones	A. Nassar
Biliary drainage: primary closure vs transcystic or T-Tubes; inserting and securing drains	T. Katbeh
Postoperative care: biliary and other drains, cholangiography, follow-up	L. Carvalho

### 09:00 – 10:30 am LIVE OR PRE-RECORDED SURGERY

- Classic cholecystectomy
- Acute cholecystitis

10:30 am - 10:45 am Coffee Break

### 10:45 am – 12:00 pm THEORETICAL SESSION 4: Optimising Gallbladder surgery

Reflection on the CVS and safety markers; preventing CBD injury	A. Nassar
Salvage strategies: intravesical approach, fundus-first dissection, subtotal cholecystectomy, cholecystotomy, conversion, abandon	J. Vilaca
Complex cases: Mirizzi Syndrome, cholecystoenteric fistula	A. Nassar
Role of transhepatic access	M. Gimenez
Conservative management of CBD stones: when to MRCP or ERCP?	Faculty

**11:55 pm: Group picture in the auditorium**

12:00 pm – 01:00 pm Lunch at the Institute

# Tuesday, April 28 - 2026

## AFTERNOON

01:00 – 03:00 pm

### HANDS-ON SESSION 3

01:30 pm: Pre-lab session: Animal Anatomy and definition of procedures to be done (in the Auditorium)

Faculty member and local trainers: expert rotation per table

Laparoscopy and percutaneous surgery

Surgical ultrasound

Cholecystectomy

Main Bile Duct Exposure

Biliodigestive anastomosis

Intraoperative cholangiography

Choledochotomy exploration / choledochoscopy

Transcystic drainage / T-Tubes

- Cholangiography station: by participant rotation
- Laser station: by participant rotation
- Percutaneous ultrasound: by participant station

03:00 – 05:00 pm

### HANDS-ON SESSION 4 Choledochotomy

Choledochotomy, choledochoscopy, stone extraction, lithotripsy

Biliary drainage: T-Tube, Transcystic tube and suturing

Choledocho-enteric anastomosis

- Cholangiography station: by participant rotation
- Laser station: by participant rotation
- Percutaneous ultrasound: by participant station

05:00 pm

End of the session

08:00 pm

Dinner in honor of participants

*Brasserie LES HARAS – 23 rue des Glacières – Strasbourg*

# Wednesday, April 29 - 2026

## MORNING

07:50 am Evaluation of the previous day

### 08:00 – 09:00 am **THEORETICAL & VIDEO SESSION 5** **Approaches and strategies in complex clinical situations**

**Chairmen:** N. Demartines -

Transcystic approach	L. de Carvalho
Surgical choledochotomy	J. Vilaca
Managing bile duct injury	O. Soubrane
The difficult IOC: trouble shooting	A. Nassar
Cholangioscopy and Pancreatocopy. Complex cases	M. Gimenez

### 09:00 – 10:00 am **LIVE OR PRERECORDED SURGERY**

- Surgical management of CBD stones
- Failed exploration: conversion, radiologic or endoscopic? MG/MG

10:30 am - 10:45 am Coffee Break

### 10:00 – 12:00 am **THEORETICAL & VIDEO SESSION 6**

Internal drainage: indications and techniques; Choledocho-duodenostomy,	J. Vilaca
Hepatico-jejunostomy	
Endoscopy: various drainage options of the GB and CBD	M. Giovannini
Discussion: clinical cases surgery, endoscopy or percutaneous	Faculty
MCQ session with interactive voting	A. Nassar

End of the course and closing remarks - Delivery of certificates of attendance

12:00 pm Lunch at the Institute



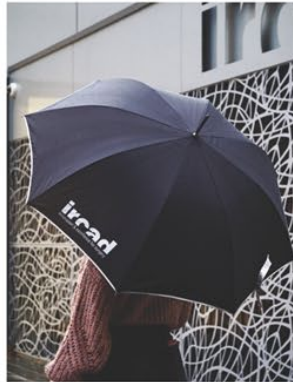
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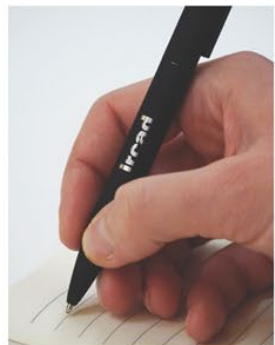
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