



**RESPIRATION IN ANESTHESIA AND IN INTENSIVE CARE:
FROM AIRWAY MANAGEMENT TO CELLULAR RESPIRATION**
ADVANCED COURSE

DATE

November 27 - 28

COURSE DIRECTOR

P. Diemunsch (FR)



THE BEST TRAINING CENTER IN THE WORLD

IRCAD is one of the leading surgical education providers in the world, an ambassador of French excellence in minimally invasive surgery. The Institute offers unique training facilities, and welcomes over 8,800 surgeons from all surgical specialties every year. The remarkable involvement and self-commitment of more than 800 international experts, who are recognized as international opinion leaders, is key to the Institute's success.

FULL IMMERSION IN ANESTHESIOLOGY

This 2-day course has been structured to provide extensive information on the various aspects of respiration in anesthesia and intensive care.

A panel of world-renowned experts will deliver lectures focusing on technical and pathophysiological aspects.

Two afternoons of hands-on workshops will allow you to learn, share, ask questions, improve technical skills, meet experts, and compare various experiences.

This course will provide you extensive information, as well as tips and tricks to reach a new level of success, for the benefit of your patients.

COURSE CANCELLATION POLICY

Should you wish to cancel or postpone your registration, please notify us by email at: cancellation@ircad.fr. Please note that no refund or postponement will be considered for any cancellation received less than 6 weeks before the course starts, even if Visa application has been denied.

INTERNATIONAL FACULTY OF EXPERTS

FACULTY PANEL

M. Aziz (US)

T.H. Barnes (GB)

A. Charton (FR)

J. Charton (FR)

C. Chauvin (FR)

C.H. Chen (TW)

J.M. Constantin (FR)

A. De Jong (FR)

S. Diemunsch (FR)

V. Faitot (FR)

T.J. Gan (US)

D. Graff (FR)

L. Grunebaum (FR)

M. Jabaudon-Gandet (FR)

S. Jaber (FR)

W. Habre (CH)

M. Hengen (LU)

M. Kristensen (DK)

O. Langeron (FR)

P.O. Ludes (FR)

A. Meyer (FR)

E. Noll (FR)

M. Ohana (FR)

A. Patel (GB)

J. Pottecher (FR)

J.D. Ricard (FR)

H. Roze (FR)

L. Sattler (FR)

M. Singer (GB)

M. Skinner (AU)

K. Torp (US)

J.L. Vincent (BE)

K. Zacharowski (DE)

YOU CAN EITHER
REGISTER ONLINE FOR
IRCAD COURSES AT
WWW.IRCAD.FR

*Or scan this QR code to directly
register for this course.*



8:15 am — REGISTRATION AND WELCOMING OF PARTICIPANTS

8:30 am — **THEORETICAL SESSION**

- Welcome – Introduction
- Anesthesia for fiberoptic intubation: general, topical & sedation
- Difficult airway algorithm: state of the art in 2023
- Multimodal approach to the difficult airway
- THRIVE:
 - What's new since the 2015 core papers
 - Clinical applications in ICU
 - Indications and problems in anesthesia
 - Monitoring
- Oxygen: friend or foe

12:30 pm — LUNCH AT THE INSTITUTE

1:30 pm — **HANDS-ON SESSION**

WORKSHOPS ARE RUN IN PARALLEL

PARTICIPANTS WILL HAVE ACCESS TO ALL WORKSHOPS DURING THE 2 DAYS

Workshop on mannequins

- New tools for airway management
- The multimodal approach to airway control
- Single lung ventilation: tools and practice
- Cuirass ventilation

Workshop on live tissue (mini-pigs)

- Front of the neck airway approach
- US for the upper and lower respiratory tract, tracheal approach
- FAST Echo
- Special ventilator settings and their consequences

Workshop on computers

- Micro-simulation for bronchoscopic intubation

Workshop on trachea models

- Surgical airway: transtracheal approach & tracheoscopic control - cricothyrotomy approaches (surgical vs. Seldinger)

5:30 pm — END OF SESSION
EVENING FREE

8:15 am — WELCOME COFFEE AND EVALUATION OF THE PREVIOUS DAY

8:30 am — **THEORETICAL SESSION**

- Respiration: the mitochondrial level
- Optimal ventilator settings in the OR and in the ICU
- Predictive signs for difficult airways: intubation, face mask ventilation, videolaryngoscopy
- Lessons from the NAP4: key points & perspectives
- Discussion

12:15 pm — LUNCH AT THE INSTITUTE

1:00 pm — **HANDS-ON SESSION**

WORKSHOPS ARE RUN IN PARALLEL

PARTICIPANTS WILL HAVE ACCESS TO ALL WORKSHOPS DURING THE 2 DAYS

Workshop on mannequins

Workshop on live tissue (mini-pigs)

Workshop on computers

Workshop on trachea models

4:30 pm — END OF SESSION

DELIVERY OF CERTIFICATE OF ATTENDANCE

COURSE OBJECTIVES

- To provide extensive information concerning the various aspects of respiration in anesthesia and intensive care
- To cover technical and pathophysiological topics
- To allow participants to closely interact with world-renowned experts
- To present new technologies on living animal models
- To allow for training with new devices related to respiration
- To train on mannequins and computer simulation software

EDUCATIONAL METHODS

- Didactic lectures provided by world-renowned experts
- 2 half-days of hands-on practice on live tissue, mannequins, computer simulation software, and trachea models

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