

THE LAUSANNE AIRWAY COURSE

3rd edition

A common platform for
the airway surgeons,
the anesthesiologists and the intensivists

28th, 29th, 30th, 31st January 2020
CHUV - Switzerland



Unil

UNIL | Université de Lausanne

ORL
CHUV - LAUSANNE
DEPARTMENT, HEAD & NECK SURGERY

THE LAUSANNE AIRWAY COURSE & HANDS-ON WORKSHOPS

3rd edition

28th, 29th, 30th, 31th January 2020
CHUV - Lausanne - Switzerland



Dear colleagues and friends,

It gives us great pleasure to invite you to the 3rd Lausanne Airway Course organized in collaboration by the departments of Otorhinolaryngology, Anesthesiology and Intensive care medicine of the Lausanne University Hospital (CHUV). The main objective of the course is to highlight working as a team and thus provide the best treatment to a patient presenting with a compromised airway. The organizing committee has put together all that is needed to help the attending delegates better understand the difficult airway and define the individual role of each treating doctor in these difficult cases. Several swiss and international experts are participating in the course and their scientific contributions are sure to benefit all. We look forward to welcome you in Lausanne in January 2020.

Dpt of ORL
Dr Kishore SANDU
Prof. Christian SIMON

Dpt of Anesthesiology
Prof. Patrick SCHOETTKER



International experts



BENJAMIN HARTLEY,
Great Ormond
Street Hospital, UK



DIETMAR ENK,
University Hospital Münster (UKM),
Department of Anesthesiology and
Intensive Care Medicine,
Münster, Germany



KONRAD HOETZENECKER,
Thoracic surgery,
Vienna, Austria



ANIL PATEL,
The Royal National Throat Nose and
Ear Hospital, University College
Hospital NHS Foundation Trust,
London, UK



MICHAEL RUTTER,
Cincinnati
Children's Hospital, USA



FRANCIS VEYCKMANS,
Centre Hospitalier Universitaire,
Dpt of Anesthesiology
Lille, France

Swiss experts

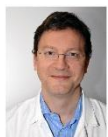


CHRISTIAN BALMER,
Dpt of Anesthesiology
Hôpital du Valais
Martigny, Switzerland



GABRIEL CASSO,
Dpt of Anesthesiology
Lugano, Switzerland

CHUV experts



CHRISTIAN SIMON
Chief / Dpt of ORL, CHUV
Lausanne, Switzerland



PATRICK SCHOETTKER,
Dpt of Anesthesiology CHUV
Lausanne, Switzerland



KISHORE SANDU,
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**MADELEINE
CHOLLET-RIVIER**
Dpt of Anesthesiology CHUV
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FRANÇOIS GOROSTIDI,
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SYLVAIN MAURON,
Dpt of Anesthesiology CHUV
Lausanne, Switzerland



DAVID LONGCHAMP,
Dpt of Intensive Care CHUV
Lausanne, Switzerland



YANN BÖGLI,
Dpt of Anesthesiology CHUV
Lausanne, Switzerland



QUENTIN DE HALLEUX,
Physiothérapie pédiatrique CHUV
Lausanne, Switzerland

Tuesday 28.01.2020

COP - CHUV

10h00 -15h00 PRE CONFERENCE LASER WORKSHOP

Wednesday 29.01.2020

Auditorium Paternot - AGORA



08h00-08h30 Registrations

08h30-08h45 Welcome

COMMON TOPICS FOR THE AIRWAY SURGEONS,
INTENSIVISTS AND ANESTHETISTS

08h45-09h05 Laryngotracheal anatomy and its clinical importance

K. Sandu

09h10-09h30 Endotracheal tube size: choice & criteria

P. Schoettker

09h30-09h50 Nightmares and dilemmas in intubation

M. Rutter

09h55-10h20 Collateral damage and lesions after intubation

K. Sandu

10h25-10h45 Algorithmic thinking around the airway

G. Casso

10h45-11h05 Coffee break

Wednesday 29.01.2020
Auditorium Paternot - AGORA

- 11h05-11h30 The lung as a working machine – physical considerations
D. Enk
- 11h35-12h00 Pneumothorax & Pneumomediastinum in cervicothoracic trauma and aerodigestive endoscopies
K. Hoetzenecker
- 12h05-12h25 Alternative to conventional ventilation
S. Mauron

COMBINED AIRWAY SHARING

- 12h30-12h55 Decision making in laryngeal trauma
K. Sandu
- 13h00-13h20 1+1=3
P. Schoettker & C. Balmer
- 13h25-14h15 LUNCH
- 14h15-14h35 Management of the acute airway in children
B. Hartley
- 14h40-15h00 THRIVE: the end of Jet ventilation?
A. Patel
- 15h05-15h25 Surgery for benign laryngotracheal stenosis: principles and indications
B. Hartley
- 15h30-16h00 Pre-operative assessment, case selection and timing for the airway surgery
K. Sandu
- 16h05-16h30 Coffee break

Wednesday 29.01.2020
Auditorium Paternot - AGORA

- 16h30-16h50 Post-operative ICU management of the pediatric patient after airway surgery
D. Longchamp
- 16h55-17h20 Pediatric tracheostomy
M. Rutter
- 17h25-17h45 The airway challenging syndromes
F. Veyckmans
- 17h50-18h30 Albatross cases in Airway
F. Gorostidi
Experts of the day

19h00 - GALA DINNER

 **AQUATIS** AQUARIUM VIVARIUM LAUSANNE
Europe's largest *freshwater* aquarium



AQUATIS Aquarium-Vivarium
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Vaud - Suisse

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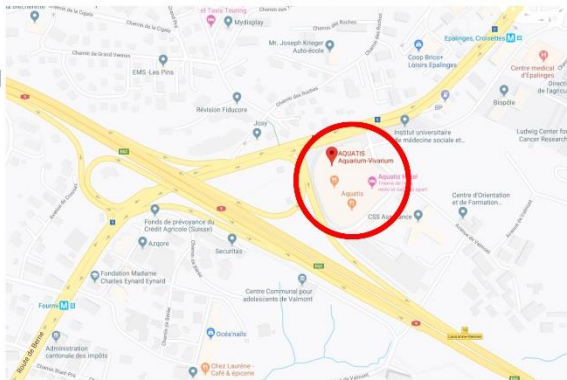


BY CAR

Highway A9 - Exit Lausanne-Vennes
Take the Bern Road towards Moudon / Epalinges and follow P + R Vennes.
The entrance to the underground car park is on your right.

BY TRAIN & METRO

If you come by train: get down at Lausanne gare.
From Lausanne train station: take the M2 metro towards Croisettes, and get down at Vennes.
The trip takes about 10 minutes.



SHARED DECISION MAKING IN AIRWAY SURGERY
How we do it... and how else it can be done

endoscopy and open surgery video recordings

A- ENDOSCOPIC PROCEDURES

M. Chollet-Rivier & K. Sandu

- 08h00-09h45
1. Pre-op evaluation & anesthesia of a child with subglottic stenosis and tracheal stenosis with complete rings.
 2. Laryngomalacia
 3. Laryngotracheal cleft
 4. Endoscopic treatment of subglottic stenosis
 5. Tracheoesophageal fistula
 6. Benign tracheal tumors

09h50-10h15 **Coffee break**

B- OPEN AIRWAY

Y. Bögli, S. Mauron & K. Sandu

- 10h15-11h45
1. CTR
 2. LTR
 3. Slide Tracheoplasty

Thursday 30.01.2020
Auditorium Paternot - AGORA

SPECIFIC TOPICS FOR THE AIRWAY SURGEON

- 12h00-12h25 Optimising results in airway surgery
B. Hartley
- 12h30-12h55 Lasering the airway – the do's and the definite dont's
K. Sandu
- 13h00-14h00 LUNCH
- 14h00-14h25 The crippled larynx
M. Rutter
- 14h30-14h55 Tracheal resection for oncological cases
K. Hoetzenecker
- 15h00-15h25 Airway surgery complications and their salvage
K.Sandu
- 15h30-15h55 Decannulation – how I do it and a review
B. Hartley
- 16h00-16h20 Coffee break
- 16h25-16h50 Decannulation failures and revision LTS surgery
M. Rutter
- 16h55-17h20 The floppy airway in adults and children
K. Hoetzenecker & K. Sandu
- 17h25-18h00 INTERESTING AIRWAY CASES (5' each)
F. Gorostidi, B. Hartley, M. Rutter & K. Hoetzenecker

SPECIFIC TOPICS FOR ANESTHETISTS AND INTENSIVISTS

- 14h00-14h30 Oxygenation in 2020
A. Patel
- 14h30-15h00 Flow Controlled Ventilation
D. Enk
- 15h00-15h30 Extubation strategies for the difficult airways
P. Schoettker
- 15h30-16h00 Coffee break
- 16h00-16h30 Continuity of airway management between ICU and OR
D. Longchamp, S. Mauron & Y. Bögli
- 16h30-17h00 High Fidelity Simulation for airway teaching
G. Casso
- 17h00-17h30 Clinical case: Think different
G. Casso et P. Schoettker



Friday 31.01.2020

HANDS-ON WORKSHOP FOR THE AIRWAY SURGEON

Anatomy rooms (institut d'anatomie Bugnon 9)

- 07h30-12h30
1. Introduction
 2. LTR (Anterior + Posterior grafts)
 3. Cricotracheal resection
+ Extended cricotracheal resection
 4. Slide tracheoplasty

HANDS-ON WORKSHOP
FOR THE ANESTHETISTS AND INTENSIVISTS

COP - CHUV

- 08h30-12h00
1. Pig trachea and transglottic approaches
G. Casso
 2. Flow Controlled Ventilation
D. Enk
 3. Difficult intubations: tips and tricks
P. Schoettker
 4. Difficult airway: a team approach, by simulation
C. Balmer
 5. Non-invasive pediatric ventilation
D. Longchamp & Q. De Halleux

COFFEE BREAK & BUSINESS LUNCH AT THE VENUE

14h00 - 18h00

COMBINED SURGEONS & ANESTHETISTS
" AIRWAY ACQUISITION WORKSHOP "

COP - CHUV

ACCESS

Train :

Lausanne Gare

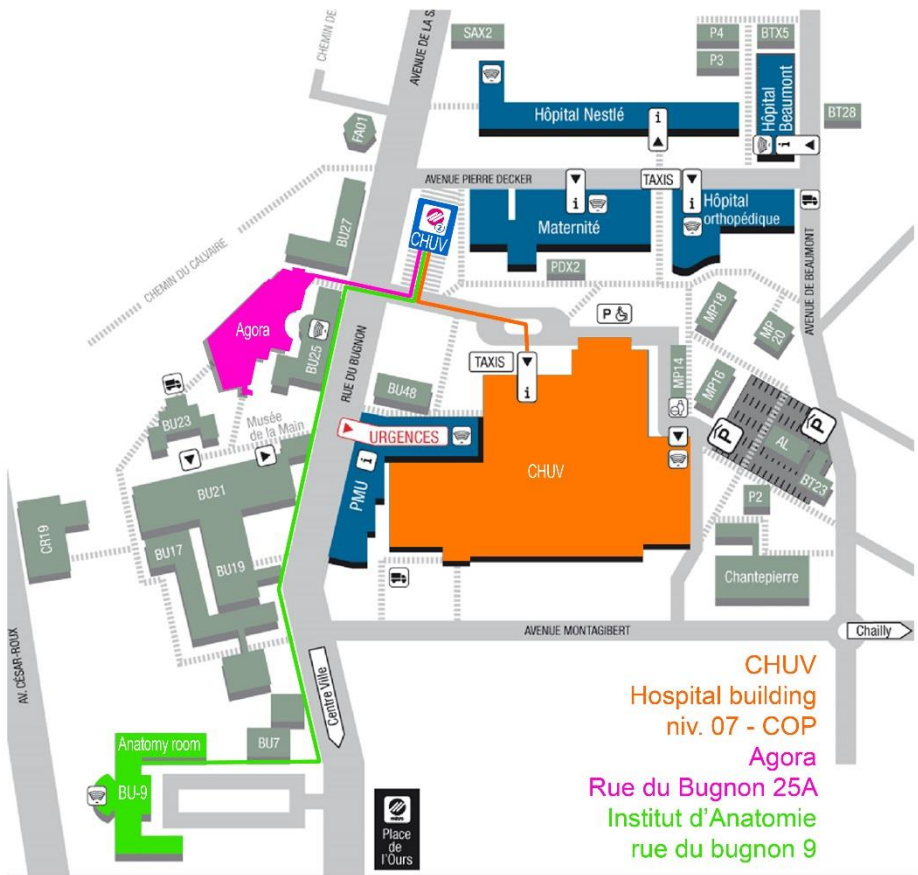
By underground M2 - CHUV (6 min)

Car :

> Highway exit Vennes

> P+R Vennes and underground to CHUV

> Visitors parking CHUV



■ Principaux bâtiments de soins

■ Autres bâtiments

■ Routes principales

..... Liaisons piétonnières

▲ Accès principaux / handicapés

i Accueil / Information

📺 Auditoires

👤 Garderie

P Parking des hôpitaux

P🚿 Parking handicapés

🚚 Livraisons

🚇 M2: Station CHUV

