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Workshop

LFAW

Implementing low-flow anaesthesia in daily practice

**IMPORTANT NOTICE: access to this workshop is limited to pre-registered delegates

About this session: By attending this workshop, participants will gain or deepen their understanding of low-flow anaesthesia while:



Saturday
25 May 2024

16:00-18:00

Room 2

- learning how to minimise their ecological footprint when delivering inhaled anaesthetics.
- familiarising with the basic concepts underlying the effective and safe practice of low-flow anaesthesia.
- learning how to conduct low-flow anaesthesia with traditional ventilators as well as ventilators allowing target controlled low-flow delivery.
- becoming accustomed to other techniques to minimise waste, such as proper opioid titration, avoiding wash-in with high fresh gas flows, and coasting.

This is a guided open format workshop encouraging participant's engagement and discussion. Therefore, any low-flow related questions can be addressed with the facilitators. Each presentation will include time for interactive discussion.

Target audience: *Anaesthetists who work with volatile anaesthetics and who would like to decrease their consumption of volatile anaesthetics, and as such, their environmental footprint.*

Chair: Jan Hendrickx (Aalst, Belgium)

16:00-17:00 **PART I: Low-flow anaesthesia fundamentals**

Introduction to low-flow anaesthesia: What? Why? How?

Speaker: Patricio Gonzalez-Pizarro (Madrid, Spain)

Use of O₂/air and O₂/N₂O mixtures

Speaker: Jan Hendrickx (Aalst, Belgium)

Use of inhaled anaesthetics

Speaker: Patricio Gonzalez-Pizarro (Madrid, Spain)

Target controlled low-flow delivery

Speaker: Jan Hendrickx (Aalst, Belgium)

Beyond low-flow: What else can be done to minimise agent waste?

Speaker: Patricio Gonzalez-Pizarro (Madrid, Spain)

CO₂ absorbers

Speaker: Jan Hendrickx (Aalst, Belgium)



SUSTAINABILITY

in anaesthesia practice



euro
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thesia
2024

Adding it up: effect of low Fresh Gas Flow (FGF) on $F_D - F_I - F_A$, waste, cost and global warming potential (GWP)

Speaker: Jan Hendrickx (Aalst, Belgium)

17:00-18:00 **PART II: Low-flow anaesthesia applied**
(20 min/station)

Pre-recorded real life video cases and hands-on practice in workstations.