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Workshop

**LEAW**

## 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)

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**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 O<sub>2</sub>/air and O<sub>2</sub>/N<sub>2</sub>O 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)

**CO<sub>2</sub> absorbers**

Speaker: Jan Hendrickx (Aalst, Belgium)



## SUSTAINABILITY

in anaesthesia practice



euro  
anaes  
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.*