European Society of Anaesthesiology and Intensive Care

SUSTAIN-EUROPE

Sustainable anaesthesia practices in **Europe** – a multicentre, prospective, observational study

Anaesthesiology societies urge climate-friendly practice, promoting regional or intravenous techniques and minimal-flow sevoflurane. Real-world anaesthesia and ventilation practices remain largely unknown, highlighting the need for better baseline data.

Aim: Describe real-world anaesthesia practices across Europe in paediatric & adult populations to identify opportunities for more sustainable anaesthesia care

Design: 5 working-day data collection per centre | Single-point data collection of routine intraoperative parameters | Including all patients receiving anaesthesia care from an anaesthesiologist at a workstation | App-supported data entry | 8000 patients across Europe

Primary Endpoint:

- *Type of anaesthesia* - inhalational, TIVA, regional, sedation, combinations, monitoring only

Secondary Endpoints:

- *Sustainability-related* (e.g. inhalational agent use, fresh gas flow)
- *ventilation- related* (e.g. tidal volume/IBW, ventilation pressures)

SUSTAIN-EUROPE invites all anaesthesiology departments to participate.

No prior research experience or university affiliation is required.

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