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Patient safety should not be compromised by sustainable anaesthetic practices; high-, middle- and low-income countries should support each other appropriately in delivering sustainable healthcare (including anaesthesia); and healthcare systems should be mandated to reduce their contribution to global warming.



Do you have national guidelines on sustainability?

- We use Sevoflurane and we are considering using TIVA in some centers in our country.
- We use the lowest appropriate flows.
- We are considering using ET control mode to minimise required gas to maintain MAC.
- Hospitals and professional societies should not invest in environmentally harmful companies



Does technology allow you to follow existing guidelines?

Even when we are still working on national guidelines on sustainability when feasible, we prioritise giving regional anaesthesia over total intravenous anaesthesia, and total intravenous anaesthesia over inhalational anaesthesia, for environmental reasons.

How to improve sustainability in anaesthesia and intensive care: situational awareness and national initiatives

Are there any exemplary cases of sustainability in centres in your country?

We have worked on behalf of patient safety, comfort, exceptional quality care, and OR expediency.

We need to add environmental stewardship to our list of exemplary contributions to medicine. We are minimising the environmental impact of our clinical practice. Using environmentally preferable medications and equipment when clinically safe to do so. Minimising the overuse/waste of medications, equipment, energy and water.



What barriers have you encountered to sustainable practice?

We still have to:

- Incorporate environmental sustainability principles within formal anaesthesia education.
- Embed environmental sustainability principles within anaesthesia research and quality improvement programmes.
- Lead environmental sustainability activity within their healthcare organisations.
- Collaborate with industry to improve environmental sustainability.

