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Carbon footprint reduction of the operating room: tools to mitigate the environmental impact of surgical practice

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Stellingen behorende bij het proefschrift

Carbon Footprint Reduction of the Operating Room

Tools to Mitigate the Environmental
Impact of Surgical Practice

1. Reliance on healthcare disposables has resulted in excessive wastage and pollution, and has exposed us to supply chain vulnerability. (This thesis).
2. Automated administration (end-tidal control) and scavenging (vapour capture technology) should be mandatory when administering volatile anaesthetics. (This thesis).
3. Environmental impact should be considered as an additional dimension of quality of care, next to patient safety and clinical efficacy. (This thesis).
4. Manufacturers of medical products should provide transparency about the environmental impact of their products, so that users can make environmentally conscious decisions based on this information. (This thesis).
5. A sustainable future lies not in austerity, but in technological progress. (Maarten Boudry, *Meer*, 2020.)
6. The best way to reduce any environmental impact is not to recycle more, but to produce and dispose of less. (William McDonough, Michael Braungart, *Cradle to Cradle*, 2002.)
7. For short-lived greenhouse gases (such as methane), stabilising emissions is sufficient to prevent further global warming. (KNMI Climate Report, March 2025.)
8. The transition to a circular healthcare economy requires government subsidies focused on innovation, supply chain collaboration, and upscaling.
9. Although everyone always hears the first violin, classical music cannot do without good second violinists.
10. Lifelong learning in the field of medicine reaches its highest expression in academic reflection.
11. Idealists should not be mistaken for saints.
12. The fact that two generations from the same family have both earned a doctorate at the same university is a statistical coincidence to some, but family history to others.