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WS08 – Environmental Sustainability In Health Technology Assessment (ESHTA): A System Shaper For Sustainable Healthcare

Facilitators

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Summary

Healthcare pollution is rising, threatening ecosystem health and resilience. As climate change, ageing populations, pandemics, and rapid technology shifts challenge health systems, HTA must evolve beyond single-technology assessment to shape sustainable, equitable care. Through global frameworks, case studies, and interactive exercises, participants will explore trade-offs, build sustainability capacity across the HTA life cycle and co-create methods for proactive, resilient decision-making.

Outcomes and Objectives

Demonstrate how global frameworks and diverse stakeholder perspectives guide integration of environmental sustainability into HTA as a system-shaping practice.
Explore methodological approaches and case studies linking environmental sustainability with patient, healthcare, and statistical perspectives across jurisdictions, contexts, and resource settings.
Test practical trade-offs between cost-effectiveness and environmental impact through interactive exercises, reflecting on implications for HTA decision-making.
Identify key entry points in the HTA life cycle to systematically incorporate environmental data, metrics, and criteria, building capacity and strengthening healthcare sustainability.

Structure of Session

- Scene setting
- ESHTA global context and developing frameworks
- Patient perspectives, approaches, methods, case studies
- Participant Interactive Session: Trade-offs and testing
- Climate change effects on surgery
- Role of statistics and advanced analytics in ESHTA
- Indigenous approach to environmental sustainability
- Participant Interactive Session: Entry points for environmental data in HTA life cycle
- Discussion and Q&A