

PROGRAMME

Sustainability

Monday, March 04, 2024

Session Date/Time: Monday, March 4, 2024 - 08:00 - 09:00

MR 332 (Level 3)

Sustainability: The Impact of Inhalational Anaesthetics

Hear from our esteemed speakers about basic and novel ways to reduce the environmental impact of anaesthetic gases, and discover solutions that can be implemented in individual organisations.

- 08:00 **Chair: Session Introduction**
Rakesh Sondekoppam Vijayashankar, United States
- 08:02 **Low Flow Anaesthesia**
James Philip, United States
- 08:17 **Volatile Capture: Where Are We Now?**
Alain Kalmar, Belgium
- 08:32 **Nitrous Oxide Cracking on Labour Ward**
Andrew Goddard, United Kingdom
- 08:47 **Questions and Answers**

Session Date/Time: Monday, March 4, 2024 - 09:00 - 10:00

MR 332 (Level 3)

Sustainability: Leadership in Sustainability

Three leaders around the world share their experience as advocates and advisors to prominent anaesthesia societies to enhance sustainability in healthcare. Expect their insights in initiating sustainability goals in their region and also in developing a workable structure for a local institution.

- 09:00 **Chair: Session Introduction**
Forbes McGain, Australia
- 09:02 **Advocacy: A Decade as Environmental Advisor to the RCoA**
Tom Pierce, United Kingdom
- 09:17 **Leading Sustainability in Our Healthcare System**
Jodi Sherman, United States
- 09:32 **Structuring an Institution to Align with Sustainability Goals**
Eugene Liu, Singapore
- 09:47 **Questions and Answers**

Session Date/Time: Monday, March 4, 2024 - 11:40 - 12:40

MR 335 (Level 3)

PROGRAMME

Sustainability PBLD: 3R's in the Operating Theatre

PBLD Fee: 20 USD

Hear from Dr Jo-Anne Yeo and Dr Pei Kee Poh, 2 anaesthetists who are moving the sustainability agenda forward in Singapore, on what anaesthetists can do on a day to day basis to reduce the environmental impact of their work.

3R's in the Operating Theatre

Pei Kee Poh, Singapore

3R's in the Operating Theatre

Joanne Yeo, Singapore

Session Date/Time: Monday, March 4, 2024 - 11:40 - 12:40

MR 336 (Level 3)

Sustainability PBLD: An Audit Tool for Local Practice

PBLD Fee: 20 USD

Want to initiate a sus-QI (sustainability quality improvement) project within your local institution? Why not attend this session and listen to Dr Andrew Goddard, a consultant anaesthetist from Scotland, who has embarked on a project to decommission and crack nitrous oxide on labour ward in his hospital. Find out how to access the resources you need to get started.

An Audit Tool for Local Practice

Andrew Goddard, United Kingdom

Session Date/Time: Monday, March 4, 2024 - 11:40 - 12:40

MR 336 (Level 3)

Sustainability PBLD: Net Zero Leadership Training

PBLD Fee: 20 USD

Jess Davies, founder of the TRA2SH network in Australia, speaks to us about how you can lead and push the green agenda where you work, to drive the sustainability movement forward.

Net Zero Leadership Training

Jess Davies, Australia

Session Date/Time: Monday, March 4, 2024 - 14:00 - 15:00

MR 331 (Level 3)

Sustainability: Research and Quality Improvement in Sustainability

Learn about ongoing research in the field of sustainability, as well as the collaborative efforts in a network across different hospitals to move the "green" agenda forward. Highlights include re-designing our workspace - the operating theatres to sum up methods to go "green".

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- 14:00 **Chair: Session Introduction**
Tom Pierce, United Kingdom
- 14:02 **Eliminating the Environmental Impact of Nitrous Oxide**
Addy Tan, Singapore
- 14:17 **Collaborating across Networks to Deliver Real Environmental Change in Australia and New Zealand**
Jess Davies, Australia
- 14:32 **Redesigning a Green Room Operating Theatre**
Benjamin Drenger, Israel
- 14:47 **Questions and Answers**

Session Date/Time: Monday, March 4, 2024 - 15:00 - 16:00

MR 331 (Level 3)

Sustainability: Waste Management

Operating theatres occupy 10% of hospital space, but generate 30% of its waste. The main focus will be on reducing daily waste, and its management to lower the impact on the environment. The last talk helps us understand the rationale behind the use of anaesthetic equipment in our practice that can balance patient safety and a sustainable environment.

- 15:00 **Chair: Session Introduction**
Marzida Mansor, Malaysia
- 15:02 **Solid Waste Management across the Pacific**
Rakesh Sondekoppam Vijayashankar, United States
- 15:17 **Reducing Pharmaceutical Waste with High Environmental Impact in Our Practice**
Nishant Kumar, India
- 15:32 **Reusable vs Disposable**
Forbes McGain, Australia
- 15:47 **Questions and Answers**

Session Date/Time: Monday, March 4, 2024 - 16:30 - 17:30

MR 331 (Level 3)

Sustainability: Sustainability in Different Economic Settings

The standard of practice in sustainability varies in different economic settings worldwide. The session starts with the sharing of current set-ups in two Asian countries, including the controversial use of older equipment and concludes with how countries can work together in enabling a global approach towards reduction in carbon footprint for anaesthesia.

- 16:30 **Chair: Session Introduction**
Eugene Liu, Singapore
- 16:32 **Startup in SEA**
Marzida Mansor, Malaysia
- 16:47 **Donation of Expired Medical Equipment: A 2nd Lease of Life or Double Standards?**
Fauzia Khan, Pakistan

WCA



18th World Congress
of Anaesthesiologists

3 - 7 March 2024 SINGAPORE

Together We Can

PROGRAMME

- 17:02 **We're All in This Together: How HICs Can Collaborate with LMICs**
Forbes McGain, Australia
- 17:17 **Questions and Answers**

WCA



18th World Congress
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3 - 7 March 2024 SINGAPORE

Together We Can

PROGRAMME

Tuesday, March 05, 2024

Session Date/Time: Tuesday, March 5, 2024 - 15:30 - 16:30

Exhibition Hall

Sustainability E-Poster Presentations: Game Changer

All E-Posters will be showcased through a live 6-minute in-person presentation.

Poster Moderator

Diane Gordon, United States

Poster Moderator

Tom Pierce, United Kingdom

Session Date/Time: Tuesday, March 5, 2024 - 15:30 - 16:30

Exhibition Hall

Sustainability E-Poster Presentations: Global Hit

All E-Posters will be showcased through a live 6-minute in-person presentation.

Poster Moderator

Pui San Loh, Malaysia

Poster Moderator

Andrew Goddard, United Kingdom