

**32<sup>nd</sup> EUROPEAN PARTNERSHIP OF  
SUPERVISORY ORGANISATIONS IN HEALTH SERVICES  
AND SOCIAL CARE (EPSO) CONFERENCE  
WITH FOCUS ON ASIA-PACIFIC (APAC)**

**CONFERENCE THEME:  
HEALTH REGULATION AND SUPERVISION FOR THE  
DIGITAL FRONTIER AND CHANGING CLIMATE**

**22 JUNE 2022 – 24 JUNE 2022  
SINGAPORE**

**CO-HOSTED BY:  
MINISTRY OF HEALTH (MOH), SINGAPORE  
AND  
CENTRE OF REGULATORY EXCELLENCE (CoRE),  
DUKE-NUS MEDICAL SCHOOL**

**SUPPORTED BY:  
EPSO JOINT OFFICE, THE HAGUE**

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1. The 32<sup>nd</sup> EPSO Conference will be held at the Grand Copthorne Waterfront Hotel in Singapore **from 22 June 2022 (Wed) to 24 June 2022 (Fri)**, via a hybrid format.
2. **In-person attendance is highly encouraged.** Delegates who wish to attend but are unable to travel to Singapore may opt to dial in virtually, and must indicate accordingly in their conference registration.
3. An overview of the conference programme is as follows:

<b>32<sup>nd</sup> EPSO Conference With Focus on APAC</b>  <b>Health Regulation and Supervision for the Digital Frontier and Changing Climate</b>  <b>22 June 2022 (Wed) – 24 June 2022 (Fri)</b> <b>Grand Copthorne Waterfront Hotel, Singapore</b>		
Date <sup>1</sup>	Agenda Item	Discussion Topics
<b>22 Jun (Wed)</b> 1430 – 1830  1900 – 2030	<b>Pre-Conference:</b> 3 <sup>rd</sup> EPSO Tele-Digital Health, AI, Cybersecurity (TAC) Working Group Meeting  Working Group Dinner	<ul style="list-style-type: none"> <li>• AI</li> <li>• Cybersecurity</li> <li>• Tele-Digital Health</li> </ul>
<b>23 Jun (Thu)</b> 0800 – 1830  1930 – 2130	<b>32<sup>nd</sup> EPSO Conference Day 1:</b> Sessions 1-4  Networking Dinner (Note: Bus leaves hotel at <b>1900</b> )	<ul style="list-style-type: none"> <li>• Harnessing the Potential of Digital Health Through Regulatory Innovation</li> <li>• Climate Sustainability and Health Regulation/ Supervision</li> <li>• Developing Forward-Looking Regulation and Supervisory practice: Innovative Supervisory Approaches and New Technologies</li> <li>• Regulatory Risks and Challenges in Digital Health</li> </ul>
<b>24 Jun (Fri)</b> 0830 – 1730  1800 onwards	<b>32<sup>nd</sup> EPSO Conference Day 2:</b> External Site Visit + Session 5  Post-Conference Social Activity (Free and Easy)	<ul style="list-style-type: none"> <li>• External Site Visit (in a digital health context)</li> <li>• Digital Technologies and Methods for Data-Driven Healthcare Inspections</li> </ul>

<sup>1</sup> All timings listed are in Singapore Time (i.e. GMT +8/ CET +6).

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- 4.
- a. **Registration is by invitation and only for intended organisations/participants.** Please refrain from circulating the registration link.
  - b. **Registration is mandatory for participation in the conference, as well as the pre-conference EPSO TAC working group meeting.**<sup>2</sup>
    - i. Participants will receive a confirmation email upon successful registration. A welcome pack with further administrative details will be emailed to participants closer to the conference.
    - ii. The pre-conference EPSO TAC working group meeting is open to all conference participants and other invited parties, including participants not currently affiliated with EPSO. However, participants who wish to attend this meeting should indicate their attendance accordingly in the registration form.
  - c. Participating economies may each send up to **two (2) in-person participants and two (2) virtual participants** to the conference. In-person participants must be fully vaccinated<sup>3</sup>. Participation in the TAC working group is limited to conference participants and invited parties.
  - d. To facilitate conference arrangements, late registrations beyond the deadline of 13 June 2022 will only be accepted for good reasons and after being admitted explicitly by the conference organisers.
5. For enquiries, please contact the conference organisers at [CoRE@duke-nus.edu.sg](mailto:CoRE@duke-nus.edu.sg).

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<sup>2</sup> Meals and refreshments will be provided during the conference, where indicated in the programme. Costs of travel and accommodation will not be covered – participants are to make their own travel and accommodation arrangements, at their own expense. Participants travelling to Singapore may use the self-help tool [here](#) to determine the latest entry and health requirements.

<sup>3</sup> See [here](#) for requirements that must be met to be considered fully vaccinated.

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A. Pre-Conference

<b><u>22 June 2022 (Wed)</u></b>		
<b>Pre-Conference:</b>		
<b>3<sup>rd</sup> EPSO Tele-Digital Health, AI, Cybersecurity (TAC)</b>		
<b>Working Group Meeting</b>		
<p><b>Chair: Mr Kevin Freeman-Ferguson</b> <sup>(virtual)</sup> Head of Service Review, Healthcare Improvement Scotland</p> <p><b>Deputy Chair: Ms Janet Ortega</b> <sup>(virtual)</sup> Head of Integrated Care and Inspection for General Practice, Care Quality Commission (CQC), UK</p>		
Time <sup>4</sup>	Agenda	Proposed Speaker(s)
1430 – 1500	Registration and Networking	<b>All delegates</b>
1500 – 1600	<p><u>Update on EPSO-Blueprint on Telehealth and Digital Care</u></p> <p>Tele-Digital Health</p> <ul style="list-style-type: none"> <li>• New developments</li> <li>• Expert reactions</li> <li>• Q&amp;A and discussion</li> </ul>	<p><u>Developments in the UK</u> <b>Prof James Kingsland</b> <sup>(virtual)</sup> Clinical Excellence Network Digital Healthcare, DICE UK</p> <p><u>Developments in Estonia</u> <b>Ms Kertti Merimaa</b> <sup>(in-person)</sup> Advisor, Ministry of Social Affairs, Estonia</p> <p><u>Developments in UAE</u> <b>Dr Erik Koornneef</b> <sup>(virtual)</sup> Director of Research and Innovation, Pure Health, United Arab Emirates</p> <p><u>Expert Reactions</u> <b>Prof Carl Moons</b> <sup>(in-person)</sup> The Netherlands</p>
1600 – 1700	<p><u>Update on EPSO-Blueprint for Cybersecurity in healthcare</u></p> <p>Cybersecurity</p> <ul style="list-style-type: none"> <li>• New developments (Potential topic areas: cyber-related risks in healthcare, cyber-risk</li> </ul>	<b>TAC group members</b> (may be partially virtual)

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	<p>assessment for health regulators and inspectors, infrastructure and processes for risk mitigation, staff and partner education, healthcare data protection)</p> <ul style="list-style-type: none"> <li>• Expert reactions</li> <li>• Q&amp;A and discussion</li> </ul>	
1700 – 1715	Tea Break	All delegates
1715 – 1815	<p>Artificial Intelligence</p> <ul style="list-style-type: none"> <li>• New developments</li> <li>• Guidelines and quality criteria for artificial intelligence-based prediction models in healthcare: a scoping review – recent publication in Nature</li> <li>• The Dutch Guideline to promote the development and introduction of safe, effective, and transparent AI in healthcare.</li> <li>• Expert reactions</li> <li>• Q&amp;A and discussion</li> </ul>	<p><b>Prof Carl Moons</b> <small>(in-person)</small> Professor, Clinical Epidemiology, Julius Center, UMC Utrecht; Director, Health Innovation Netherlands (HI-NL), University Medical Center Utrecht, The Netherlands</p> <p>Co-operative input in a draft EPSO-Blueprint on AI from: <b>Mr Moritz Flockenhaus</b> Care Quality Commission UK <b>Mr Weng Chee Chan</b> Ministry of Health Singapore <b>Mr Kevin Freeman Ferguson</b> Healthcare Improvement Scotland <b>Other TAC group members</b></p>
1815 – 1830	<ul style="list-style-type: none"> <li>• Q&amp;A and discussion</li> <li>• Closing and Follow-Ups for Next Working Group Meeting</li> </ul>	All delegates
1900 – 2030	Working Group Dinner	All delegates are invited to join

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**B. 32<sup>nd</sup> EPSO Conference**

<b><u>23 June 2022 (Thurs)</u></b> <b>32<sup>nd</sup> EPSO Conference Day 1:</b> <b>Health Regulation and Supervision for the</b> <b>Digital Frontier and Changing Climate</b>		
Time <sup>5</sup>	Agenda	Proposed Speaker(s)
0800 – 0830	Registration	<b>All delegates</b>
0830 – 0845	Welcome by EPSO	<b>Ms Joeske Vos</b> <i>(in-person)</i> Chair, EPSO Management Board  <b>Ms Indra Dreika</b> <i>(in-person)</i> State-Secretary, Ministry of Health, Latvia; Member, EPSO Management Board
0845 – 0900	Opening Remarks by Guest-of-Honour: Dr Janil Puthucheary, Singapore’s Senior Minister of State for Health	<b>Dr Janil Puthucheary</b> <i>(in-person)</i> Senior Minister of State for Health, Singapore
0900 – 0910	Group Photo Session	<b>All delegates</b>
<p><b>Session 1: Harnessing the Potential of Digital Health through Regulatory Innovation</b></p> <p><b>Chair:</b></p> <p><b>Adj A/Prof (Dr) Raymond Chua</b> <i>(in-person)</i> Deputy Director of Medical Services (Health Regulation Group), Ministry of Health, Singapore</p> <p>This session discusses the opportunities presented by digital health solutions, and how regulatory innovation and governance can be adapted to support integration of innovative practices with traditional healthcare systems.</p>		

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0910 – 0930	Guidelines and Quality Criteria for Artificial Intelligence (AI)-Based Prediction Models in Healthcare: A Scoping Review – Recent Publication in Nature	<b>Prof Carl Moons</b> <sup>(in-person)</sup> Professor, Clinical Epidemiology, Julius Center, UMC Utrecht; Director, Health Innovation Netherlands (HI-NL), University Medical Center Utrecht, The Netherlands
0930 – 0950	Embedding Governance and Safety in Practice: Lessons Learnt from Virtual Care in Northern New South Wales, Australia during COVID	<b>Ms Lisa Beasley</b> <sup>(in-person)</sup> General Manager, Community and Allied Health, Northern New South Wales Local Health District, Australia
0950 – 1010	Virtual Care and Telepractice in Australia	<b>A/Prof Liam Caffery</b> <sup>(in-person)</sup> Associate Professor in Telehealth and Director of Telehealth Technology, Centre for Online Health, The University of Queensland, Australia
1010 – 1030	Tea Break	<b>All delegates</b>
1030 – 1050	Risk, Agility and Outcomes in Delivering Health and Care Regulation: An OECD Perspective	<b>Dr Florentin Blanc</b> <sup>(in-person)</sup> Senior Policy Analyst (Public Governance Directorate), OECD
1050 – 1110	Building Trust in New Care Delivery Models	<b>Dr Thomas H. Lee</b> <sup>(virtual)</sup> Chief Medical Officer, Press Ganey; Senior Physician, Brigham and Women’s Hospital, USA
1110 – 1130	Q&A and Panel Discussion	<b>Prof Carl Moons</b> <sup>(in-person)</sup> <b>Ms Lisa Beasley</b> <sup>(in-person)</sup> <b>A/Prof Liam Caffery</b> <sup>(in-person)</sup> <b>Dr Florentin Blanc</b> <sup>(in-person)</sup> <b>Dr Thomas H. Lee</b> <sup>(virtual)</sup>

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<b>Session 2: Climate Sustainability and Health Regulation/ Supervision</b>		
<p><b>Chair:</b></p> <p><b>A/Prof Natasha Howard</b> (in-person)</p> <p>NUS Saw Swee Hock School of Public Health</p> <p>This session discusses the relationship between climate sustainability and health outcomes, including the health-related risks of climate change, as well as opportunities for health regulations to support climate mitigation and adaptation.</p>		
1130 – 1150	Combating Climate Change for Better Health: What Governments and Regulators Can Do	<p><b>Mr Peter Carter</b> (virtual) Member of the New South Wales Health Board, New South Wales Local Health District, Australia</p> <p><b>Dr Susan Nancarrow</b> (virtual) CEO, HealthWork International; Managing Director, AHP Workforce; Non-Executive Director, Northern New South Wales Local Health District; Adjunct Professor, Faculty of Health, Southern Cross University</p>
1150 – 1210	Climate Change and Public Health: An Asian Perspective	<p><b>Dr Renzo Guinto</b> (virtual) Chief Planetary Health Scientist and Co-Founder, Sunway Centre for Planetary Health, Malaysia; Associate Professor of Global Health and Director, Planetary and Global Health Program, St. Luke’s Medical Centre College of Medicine, Philippines</p>
1210 – 1230	Policy Interventions to Mitigate the Effects of Climate Change on Health	<p><b>Dr David Nabarro</b> (virtual) Co-Director and Chair of Global Health, Institute of Global Health Innovation, Imperial College London</p>



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1230 – 1250	Q&A and Panel Discussion	<b>Mr Peter Carter</b> <sup>(virtual)</sup> <b>Dr Susan Nancarrow</b> <sup>(virtual)</sup> <b>Dr Renzo Guinto</b> <sup>(virtual)</sup> <b>Dr David Nabarro</b> <sup>(virtual)</sup>
1250 – 1410	Lunch	<b>All delegates</b>
<p><b>Session 3: Developing Forward-Looking Regulation and Supervisory Practice: Innovative Supervisory Approaches and New Technologies</b></p> <p><b>Chairs:</b></p> <p><b>Ms Joeske Vos</b> <sup>(in-person)</sup> Chair, EPSO Management Board</p> <p><b>Ms Indra Dreika</b> <sup>(in-person)</sup> State-Secretary, Ministry of Health, Latvia; Member, EPSO Management Board</p> <p>This session discusses the approaches that regulatory organisations adopt to keep abreast of new healthcare developments, to support forward-looking and effective regulation of healthcare services and technologies.</p>		
1410 – 1430	Horizon Scanning for Regulators: South Korea	<b>Prof Haksoo Ko</b> <sup>(virtual)</sup> Professor of Law, Seoul National University School of Law
1430 – 1450	Providing Safe and Secure Healthcare in a Digital Age: Estonia	<b>Ms Kertti Merimaa</b> <sup>(in-person)</sup> Advisor, Ministry of Social Affairs, Estonia
1450 – 1510	Lessons Learnt from Covid in Supervision and Enforcement in Social Welfare: Malta	<b>Mr Dylan Cutajar</b> <sup>(in-person)</sup> Nurse, Social Care Standards Authority, Malta
1510 – 1530	Horizon Scanning for Regulators: New Zealand	<b>Mr Richard Hamblin</b> <sup>(virtual)</sup> Director of Health Quality Intelligence, Health and Quality Safety Commission, New Zealand
1530 – 1550	Horizon Scanning for Regulators: England	<b>Mr Matthew Tait</b> <sup>(virtual)</sup> Head of Strategy, Care Quality Commission, UK

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1550 – 1610	Learnings from Covid in Hong Kong	<b>Dr Addi Chan</b> (virtual) Private Hospital Supervisor, Hong Kong
1610 – 1630	Q&A and Panel Discussion	<b>Prof Haksoo Ko</b> (virtual) <b>Ms Kertti Merimaa</b> (in-person) <b>Mr Dylan Cutajar</b> (in-person) <b>Mr Richard Hamblin</b> (virtual) <b>Mr Matthew Tait</b> (virtual) <b>Dr Addi Chan</b> (virtual)
1630 – 1650	Tea Break	<b>All delegates</b>
<p><b>Session 4: Regulatory Risks and Challenges in Digital Health</b></p> <p><b>Chair:</b></p> <p><b>Prof John Lim</b> (in-person) Executive Director, Duke-NUS Centre of Regulatory Excellence Senior Advisor, Ministry of Health, Singapore</p> <p>This session discusses best practices and case studies on mitigating the regulatory risks and challenges that accompany the development of innovative digital health services.</p>		
1650 – 1710	AI Innovation in Health	<b>Dr Daniel Ting Shu Wei</b> (in-person) Associate Professor, Ophthalmology, Duke-NUS Medical School; Director, Cluster AI Programme, SingHealth; Head of AI and Digital Innovation, Singapore Eye Research Institute (SERI)
1710 – 1730	Digital NHRA: NHRA Digital Transformation Journey	<b>Mr Wafeeq Ajoor</b> (virtual) Director, Digital Transformation, National Health Regulatory Agency (NHRA), Bahrain

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1730 – 1750	Providing Safe and Secure Healthcare in a Digital Age: Norway	<p><b>Dr Helga Maria Bergem Brøgger</b> (virtual) Senior Advisor, Norwegian Board of Health Supervision. President, Norwegian Society of Radiology, Norway</p> <p><b>Mr Sjur Kåsin-Hevrøy</b> (virtual) Norwegian Board of Health Supervision, Norway</p>
1750 – 1810	Providing Safe and Secure Healthcare in a Digital Age: Hong Kong	<p><b>Mr Kevin Cai</b> (virtual) Chief Information Officer, Hospital Authority, Hong Kong</p>
1810 – 1830	Q&A and Panel Discussion	<p><b>Dr Daniel Ting Shu Wei</b> (in-person) <b>Mr Wafeeq Ajoor</b> (virtual) <b>Dr Helga Maria Bergem Brøgger</b> (virtual) <b>Mr Sjur Kåsin-Hevrøy</b> (virtual) <b>Mr Kevin Cai</b> (virtual)</p>
1830	Closing of Day 1 and Administrative Instructions	-
1900 – 1930	Bus Transfer to Dinner Venue <u>Note:</u> Bus leaves hotel at <b>1900</b>	<b>All delegates</b>
1930 – 2130	32 <sup>nd</sup> EPSO Conference Networking Dinner	<b>All delegates</b>

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<b>24 Jun 2022 (Fri)</b>		
<b>32<sup>nd</sup> EPSO Conference Day 2: Health Regulation and Supervision for the Digital Frontier and Changing Climate</b>		
<b>Time<sup>6</sup></b>	<b>Agenda</b>	<b>Proposed Speaker(s)</b>
0830 – 1200	External Site Visit to the Centre for Innovation in Healthcare (CIH)	-
1200 – 1300	Lunch	<b>All delegates</b>
1300 – 1400	Discussion on Formation of APAC Network of Healthcare Regulators	<b>APAC delegates<sup>7</sup></b>
<p><b>Session 5: Digital Technologies and Methods for Data-Driven Healthcare Inspections</b></p> <p><b>Chairs:</b></p> <p><b>Ms Joeske Vos</b> <small>(in-person)</small> Chair, EPSO Management Board</p> <p><b>Ms Indra Dreika</b> <small>(in-person)</small> State-Secretary, Ministry of Health, Latvia; Member, EPSO Management Board</p> <p>This session discusses how advances in digital technologies and data analytics can be leveraged to support the supervision and inspection of healthcare services, to promote better health outcomes for patients. Speakers will also share relevant case studies on their experience with the use of digital tools to manage COVID-19.</p>		
1400 – 1420	Data Analytics for Healthcare Policy and Regulatory Decision-Making: Singapore	<b>Prof Dean Ho</b> <small>(in-person)</small> Provost's Chair Professor, Departments of Biomedical Engineering and Pharmacology, National University of Singapore; Director, N.1 Institute for Health, Singapore
1420 – 1440	Application of Digital Tools for Supervision and Enforcement in Healthcare: Estonia	<b>Mr Ragnar Vaiknemets</b> <small>(in-person)</small> Head of Department, Health Management and Continuity, Health Board, Estonia

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<sup>7</sup> Non-APAC delegates are free to continue with lunch or observe this discussion.

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1440 – 1500	Standard-Setting and the Use of Data(bases) to Prevent Medical Adverse Events and Improve Quality of Care: Views from Japan	<b>Dr Shin Ushiro</b> <sup>(virtual)</sup> Professor and Director, Division of Patient Safety, Kyushu University Hospital, Japan
1500 – 1520	Future of Digital Health Assessment in Hospital Services	<b>Dr Erik Koornneef</b> <sup>(virtual)</sup> Director of Research and Innovation, Pure Health, United Arab Emirates
1520 – 1540	Research findings: Digital Inclusion of Specific Groups (Māori people) to Ensure Inclusive Quality Healthcare: New Zealand	<b>Mr Richard Hamblin</b> <sup>(virtual)</sup> Director of Health Quality Intelligence, Health and Quality Safety Commission, New Zealand
1540 – 1600	Japan's Data-based Health Management Initiatives	<b>Mr Takuro Umekita</b> <sup>(virtual)</sup> Unit Chief, Office of the Counsellor for Information Technology Management under the Director-General for Statistics, Information Policy and Industrial Relations, Ministry of Health, Labour and Welfare, Japan
1600 – 1620	Digital Healthcare as a Driving Force for Clinical Excellence	<b>Prof James Kingsland</b> <sup>(virtual)</sup> President, National Association of Primary Care, UK; National Clinical Director, Primary Care Home Programme, UK
1620 – 1640	Embracing Digital Health Transformation as-a-Service	<b>Mr Setiaji</b> <sup>(in-person)</sup> Chief, Digital Transformation Office, Ministry of Health, Indonesia  <b>Mr Agus Rachmanto</b> <sup>(in-person)</sup> Deputy Chief, Digital Transformation Office, Ministry of Health, Indonesia
1640 – 1700	Through a Patient Lens: Development of a Virtual Care Service in Northern New South Wales, Australia during COVID	<b>Mr Roger Revill</b> <sup>(in-person)</sup> Clinical Manager, Northern NSW Virtual COVID Care Service, Australia

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1700 – 1720	Q&A and Panel Discussion	<p><b>Prof Dean Ho</b> (in-person)  <b>Mr Ragnar Vaiknemets</b> (in-person)  <b>Dr Shin Ushiro</b> (virtual)  <b>Dr Erik Koornneef</b> (virtual)  <b>Mr Richard Hamblin</b> (virtual)  <b>Prof James Kingsland</b> (virtual)  <b>Mr Setiaji</b> (in-person)  <b>Mr Agus Rachmanto</b> (in-person)  <b>Mr Roger Revill</b> (in-person)</p>
<b>Conference Closing</b>		
1720 – 1730	Closing of the EPSO Conference	<p><b>Ms Joeske Vos</b> (in-person)  Chair, EPSO Management Board</p> <p><b>Adj A/Prof (Dr) Raymond Chua</b> (in-person)  Deputy Director of Medical Services (Health Regulation Group), Ministry of Health, Singapore</p> <p><b>Prof John Lim</b> (in-person)  Executive Director, Centre of Regulatory Excellence, Duke-NUS Medical School  Senior Advisor, Ministry of Health, Singapore</p>
1730 – 1800	Tea Break	<b>All delegates</b>
1800 onwards	<p>Post-Conference Social Activity (Free and Easy)</p> <p><u>Note:</u> A 1-way bus transfer to Gardens By The Bay will be provided. Bus leaves hotel at <b>1800</b>.</p>	<b>All delegates</b>