



**International Congress of Aviation  
and Space Medicine | SINGAPORE**



# **71<sup>st</sup> International Congress of Aviation and Space Medicine | SINGAPORE**

**27 to 30 October 2025**

**Soaring Towards New Horizons in Aviation and Space Medicine**

**PROGRAMME**

## DAY 0 – 26 October 2025

**IMPORTANT NOTE:** The Registration will commence from 09.00 to 17.00 in Pre-function Area of Grand Ballroom (Level 6)

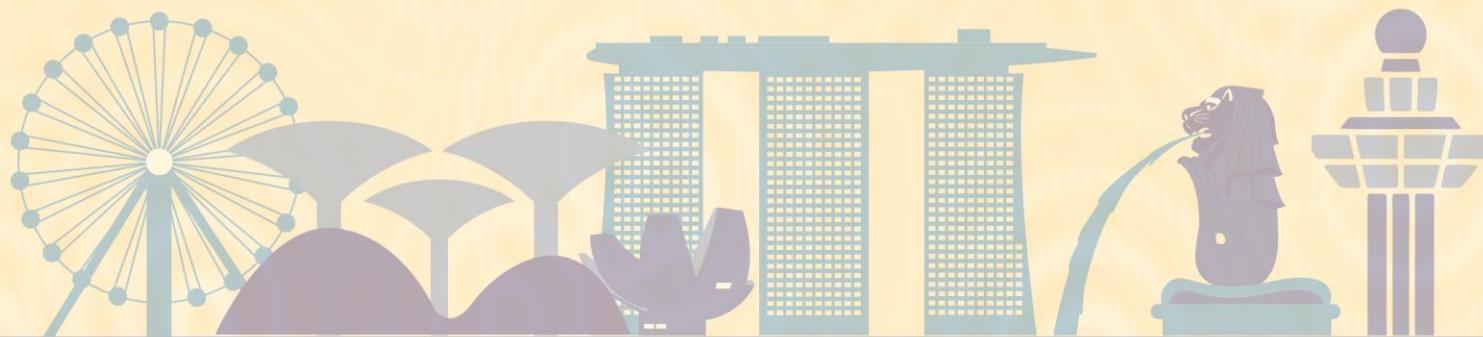
## DAY 1 – 27 October 2025

### GRAND BALLROOM

Session	Time	Activity	Speaker
	<b>07.30</b>	<b>REGISTRATION</b>	
<b>Opening Ceremony</b>	<b>09.00</b>	Opening Address by 71 <sup>st</sup> ICASM Organising Chairman	
		Address by IAASM President Presentation of IAASM James T Webb Award 2025	
		Address by SAMPS President	
		Keynote Address by Guest of Honour Official Launch of 71 <sup>st</sup> ICASM	
	<b>10.00</b>	<b>COFFEE BREAK</b>	
<b>André Allard Memorial Lecture</b>	<b>10.30</b>	Defining The Future of Global Systems Governing Health and Wellbeing of Populations: Amidst the Revolution in Aviation and Space Travel	Prof Teo Yik Ying
<b>Ernsting Panel</b>  <b>Mod:</b> Dr Punita Masrani	<b>11.30</b>	New Paradigms and Approaches in Aviation Mental Health	Dr Ansa Jordaan Dr Quay Snyder Dr Cristian Panait Dr Tim Sprott Dr Kate Manderson Dr Benjamin Tan
	<b>13.00</b>	<b>LUNCH</b> <b>POSTER SESSION 1/2/3</b>	



<b>Plenary Lecture</b>	<b>14.00</b>	Infectious Disease Pandemics - A Future Crisis or Captivating Opportunities for The Aviation Industry?	Prof Vernon Lee
<b>SESSION 1A</b> <b>Infectious Disease And Air Travel</b>  <b>Mod:</b> Dr Kris Belland / Dr Paulo Alves	<b>14:45</b>	Clearing The Air Update - A New Layer of Defense: The Case for UV-C Disinfection in Preventing In-Flight Disease Transmission & Translocation [ABS 05]	Dr Kris Belland
	<b>15.00</b>	Travel Prophylaxis for Flight Crew – An Update [ABS 203]	Dr Joerg Siedenburg
	<b>15.15</b>	Risk Of Malaria Infection in Aircrews During Layovers in Western Africa [ABS 222]	Dr Tobias Dingwerth
	<b>15.30</b>	<b>COFFEE BREAK</b>	
<b>Innovation in Aeromedical Transportation</b>	<b>16.00</b>	Innovation in the Handling of In-Flight Medical Events and Aeromedical Transportation	Dr Paulo Alves Dr David Teo
<b>SESSION 2A</b> <b>Aeromedical Transportation</b>  <b>Mod:</b> Dr Kris Belland / Dr Paulo Alves	<b>17.00</b>	Impact of Medical Volunteers During In-Flight Medical Events [ABS 205]	Dr Paulo Alves
	<b>17.15</b>	Australian Bush Pilots: From Helicopter Mustering to Long Distance Mail Runs these Unique Pilots need a Tailored Approach to Human Factor and Aeromedical Risk Management, and an Aeromedical Examiner Who Doubles as their Family Doctor [ABS 26]	A/Prof Michael Clements
	<b>17.30</b>	Experience in the Construction of Emergency Medical Aviation Rescue Service System about Mountainous Areas in China: An Analysis of The Lishui Model [ABS 170]	Dr Xie Lutao
	<b>17.45</b>	<b>END OF TECHNICAL AGENDA</b>	
	<b>19.00</b>	<b>Conference Reception</b> <b>Venue: Saranggong Terrase</b> (Dress Code: Lounge Attire)	



## DAY 1 – 27 October 2025

### READ & SPOTTISWOODE ROOMS

Session	Time	Activity	Speaker
<b>SESSION 1B</b> <b>Space Medicine 1</b>  <b>Mod:</b> Dr Joseph Dervay / Dr Annette Sobel	<b>14.45</b>	Multilateral Integrated Medical Support of The International Space Station (ISS) [ABS 90]	Dr Joseph Dervay
	<b>15.00</b>	Blood Flow Dynamics in Carotid Artery During Simulated Microgravity and Lunar Gravity [ABS 25]	Dr Biswajit Sinha
	<b>15.15</b>	AI-Enhanced Wearable Systems for Proactive Musculoskeletal Monitoring in Long-Duration Spaceflight: A Review of Opportunities and Challenges [ABS 228]	Dr Roberta Manuel
<b>15.30</b>		<b>COFFEE BREAK</b>	
<b>SESSION 2B</b> <b>Space Medicine 2</b>  <b>Mod:</b> Dr Joseph Dervay / Dr Annette Sobel	<b>16.00</b>	Novel Platform for Radiation Measurements for Crew Health [ABS 162]	Dr Annette Sobel
	<b>16.15</b>	Cardiopulmonary Resuscitation During Spaceflight: Challenges, Techniques, and Future Directions [ABS 62]	Dr Nidhi Kakkar
	<b>16.30</b>	Determining The Best Technique: Methods, Challenges, and Innovations of Performing Microgravity CPR [ABS 53]	Ms Amber Smowton
	<b>16.45</b>	Effectiveness of Chest Compressions During Cardiopulmonary Resuscitation in Artificial Microgravity: Testing the Atmed Restraint System in a Human Training Centrifuge [ABS 89]	Lt. Col MD Arkadiusz Trzos
	<b>17.00</b>	The Effect of Bisphosphonates on Bone Metabolism in Spaceflight and Bed Rest Studies [ABS 194]	Mrs Zsuzsanna Pasztorne Benyo
		<b>END OF TECHNICAL AGENDA</b>	



## Day 2 – 28 October 2025

### GRAND BALLROOM

Session	Time	Activity	Speaker
<b>SESSION 3</b> <b>Aviation Cardiology</b>  <b>Mod:</b> Dr Norbert Guettler / Dr Jason Low	<b>08.30</b>	Heart Health and Peak Performance: Optimizing Cardiovascular Risks for Pilots, Soldiers, and Sailors [ABS 04]	Dr Eddie Davenport
	<b>08.45</b>	Routine Use of Echocardiography in Initial Aeromedical Class 1 and Class 3 Evaluations: Experience From 231 Cases at a Single Aeromedical Center [ABS 52]	Dr Camilla Sigurtà
	<b>09.00</b>	The Effects of G-Force on Echocardiographic Parameters: Two Decades of Echocardiographic Follow-Up in Air Force Pilots [ABS 186]	LTC (Dr) Ivan Gur
	<b>09.15</b>	Utility of Transthoracic Echocardiography in the Investigation of Applicants with Isolated RSR In The Republic of Singapore Air Force [ABS 160]	CPT(Dr) Yang Wei Yun Lily
	<b>09.30</b>	Is there any use of Echocardiography Screening in Military Pilot Applicants? [ABS 181]	Dr Norbert Guettler
	<b>09.45</b>	The Proportion of Metabolic Syndrome Among Airline Pilots in Indonesia Before and During The COVID-19 Pandemic [ABS 220]	Mr Luis Anthony Jayanata
	<b>10.00</b>	<b>COFFEE BREAK</b>	
<b>SESSION 4</b> <b>Women in Aviation</b>  <b>Mod:</b> LTC(Dr) Magdalene Lee / Dr Sarita Dara	<b>10.30</b>	Addressing The Gender Gap: Female-Inclusive Flight Suits in the Irish Air Corps [ABS 45]	Dr Louise Fitzgerald
	<b>10.45</b>	Space Flight, Sex Differences, and Clinical Considerations in Women's Health [ABS 209]	Prof Dominique Luton
<b>Invited Panel</b>  <b>Mod:</b> Ms Tan Siew Huay	<b>11.00</b>	Women in Aviation Panel	Ms Julia Ho Ms Kristin Toh Ms Nah Jinping Dr Ansa Jordaan Dr Kate Manderson
	<b>12.00</b>	<b>LUNCH</b> <b>POSTER SESSION 4/5/6</b>	

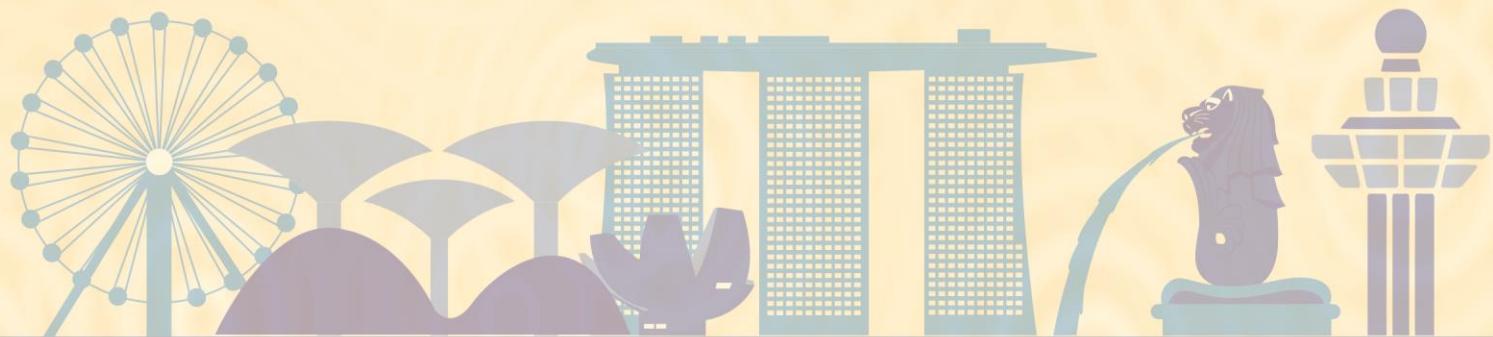


<b>SESSION 5</b> <b>Civil Aviation Medicine &amp; Regulatory Medicine</b>  <b>Mod:</b> Dr Richard Tan / Dr Koh Choong Hou	13.00	Healthy Lifestyle and Prediction of Non-Communicable Disease (NCD) Among Civil Pilots In India [ABS 41]	Prof Sudhanshu Mohapatra
	13.15	The Case for New Standards Of Medical Certification for Low-Risk Sport Aviation [ABS 174]	Dr Geoffrey McCarthy
	13.30	Establishing Safe Standards in A Rapidly Emerging Aerospace Frontier: A Call to Define Medical Requirements for Operating Vertical Takeoff and Landing Aircraft [ABS 168]	Dr Ajitesh Anand
	13:45	Bridging Healthcare Disparities in Indonesia: The Role of Aeromedical Evacuation and Comparative Regulatory Insights [ABS 217]	Ms Rachmy Hamdiyati
	14:00	Factors Associated with Fatal and Non-Fatal Commercial Aviation Accidents in Indonesia (2007-2018) [ABS 67]	Dr Adre Dwi Wiratama
	14:15	Barotraumatic Otitis in Commercial Aircrew: Impact of Cabin Pressure Altitude Over a 10-Year Observational Study [ABS 114]	Dr Pietro Scaramuzzo
	14.30	Research on Medical Events of In-Flight Incapacitation in Civil Transport Air Crew, 2017-2024 [ABS 24]	Dr Zhu Yiwen
	15.00	<b>COFFEE BREAK</b>	
<b>SESSION 6A</b> <b>Military Aviation Medicine</b>  <b>Mod:</b> Dr Hernando Ortega / LTC(Dr) Dominic Tan	15.30	USAF Medical Waivers and Pilot Training Outcomes: A Retrospective Analysis [ABS 232]	Dr Daniel Shoor
	15.45	Incidence of Clinically-Diagnosed Overweight & Obesity Among the US Military as a Whole and Among US Military Aviators, 2006-2023 [ABS 99]	Dr John Caldwell
	16.00	Sports Therapists for RSAF Aircrew: A Single-Centre Pilot Interventional Study [ABS 158]	LTC(Dr) Benjamin Seah
	16.15	Medical Waivers and Attrition in USAF Pilot Training: A Focus on Diagnostic Categories during T-6 Phase: A Diagnosis-Based Sub-Analysis of USAF Medical Waivers and Pilot Training Outcomes [ABS 233]	Dr Hernando Ortega
	16.30	A Comparison of Subjective and Objective Measures of Vestibular Adaptation in Rotary Chair Among Indian Military Aircrew [ABS 31]	Dr Nandishwar Rathore
	16.45	Republic of Singapore Air Force (RSAF) Helicopter Search-And-Rescue (SAR) Medical Evacuation: A 10-Year Study [ABS 159]	LTC(Dr) Isaac Chay
	17.00	Asthma in Active Military Aircrew: Long-Term Health and Flight Performance [ABS 183]	Dr Omer Angel
	17.15	A Study of Dehydration in Navy Student Pilots [ABS 204]	Dr Alexander Wrigley
	17.30	<b>END OF TECHNICAL AGENDA</b>	
<i>For Academicians Only</i>	19:00	<b>IAASM Academicians Dinner</b> <b>Meet-Up Timing: 1830H at One Farrer Hotel Lobby</b> (Dress Code: Black Tie Attire)	

## Day 2 – 28 October 2025

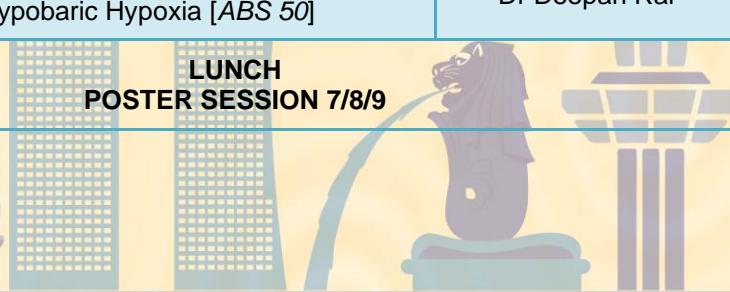
### READ & SPOTTISWOODE ROOMS

Session	Time	Activity	Speaker
<b>The Future of Aerospace Medicine Training</b>  <b>Mod:</b> Prof Tracy Smart	13.00	The Future of Aerospace Medicine Training: What's the Next Game Changer?	AVM Bussakorn Pamorn Col (Dr) Zulkefley Mohammad GPCAPT Collette Richards SLTC(NS) (Dr) Jason Low
<b>Trends in Aviation Medicine and Training</b>	14.00	Trends in Aviation Medicine and Training: A Critical Review of Human Factors in Recent Mishaps	Mr Robert Laurent Dr. Swee Weng Fan Prof Brian S. Bradke
<b>COFFEE BREAK</b>			
<b>SESSION 6B</b> <b>Aviation Psychology And Training</b>  <b>Mod:</b> Ms Delicia Ser / Mr Chris De Roza	15.30	Does Pre-Training Heart Rate Variability Predict Completion of the Israeli Air Force Pilot Training? [ABS 180]	Ms Aya Ekshtein
	15.45	Sensor-Based Tracking in Aviation Pilot Training [ABS 91]	Dr Botond Szűcs
	16.00	Transforming the Republic of Singapore Air Force (RSAF) Heli-Medevac Search-And-Rescue (SAR) Combat Medic Training: A Comparative Analysis of Traditional Didactic Training vs. a Novel E-Learning Module [ABS 152]	Dr Aaron Thio
	16.15	Development of a Game-Based Personality Tool [ABS 188]	Ms Delicia Ser
	16.30	Research on Multidimensional Influencing Factors and Intervention Strategies for Psychological Resilience in Aviation Professionals [ABS 46]	Dr Liu Yanhua
	16.45	Utilizing an Escape Room Style Simulation to Evaluate Human Behaviour and Performance Competencies [ABS 48]	Dr Leigh Speicher
	17.00	Development of a Competency Framework for Thai Aviation Medicine Instructor Physicians: Documentary Research [ABS 225]	Dr Phithak Onsiri
	17.15	<b>END OF TECHNICAL AGENDA</b>	



## Day 3 – 29 October 2025

### GRAND BALLROOM

Session	Time	Activity	Speaker
<b>SESSION 7A</b> <b>Human Factors, Survivability &amp; Accident Investigation</b>  <b>Mod:</b> Dr John Crowley / Ms Cheng Chin Yi	<b>08.30</b>	Human Systems Integration: What it is and How it can Save Aircrew Lives [ABS 43]	Dr Andrew Bellenkes
	<b>08.45</b>	OBVA Eye Tracking Research for Performance Improvement, Assessing Daily Fatigue for Risk Mitigation and Long Duration Flight Workload and Fatigue Assessment [ABS 236]	Dr Steven Hadley
	<b>09.00</b>	Drivers of Safety Behaviours in Organisations and the Measurement of Organisational Drift [ABS 187]	Ms Cheng Chin Yi
	<b>09.15</b>	Pilot Preconditions and Errors Affect Flight Accidents in Indonesia: Analysis Based On 245 Accident Investigation Reports from 2007 To 2024 [ABS 02]	Dr Inne Yuliawati
	<b>09.30</b>	Occupant Survival in Helicopter Accidents: The Effect of Crashworthy Design Features In Utility and Attack Helicopters [ABS 231]	Dr John Crowley
	<b>09.45</b>	Measuring What Matters: Assessing the Real-World Impact of Flight and Duty Time Limits on Crew Fatigue [ABS 47]	Mr Tomas Klemets
	<b>10.00</b>	<b>COFFEE BREAK</b>	
<b>SESSION 8A</b> <b>High Performance Aviation &amp; Acceleration</b>  <b>Mod:</b> Prof Tracy Smart / Dr Kenneth Fong	<b>10.30</b>	Biometric Monitoring and AI Algorithms to Predict Physiologic Stress in High Performance Flight [ABS 105]	Dr Thomas Flipse
	<b>10.45</b>	Sudden Inflight Incapacitation During a High-G- Manoeuvre Due to a Cerebellar Arteriovenous Malformation: A Case Report [ABS 115]	Col Dr Hans Noblé
	<b>11.00</b>	10-Year Analysis of Medical Events Following Human Training Centrifuge Training In Republic of Singapore Air Force Aircrew [ABS 154]	CPT(Dr) To Yi Hui
	<b>11.15</b>	Comparison of Intermittent Hypoxia Exposure at High Altitude and Routine Acclimatisation - A Pilot Study [ABS 33]	Dr Srinivasa Bhattachar
	<b>11.30</b>	Enhancing Hypoxia Recognition and Visual Performance in Rotary Wing Aircrew through Simulated High-Altitude Training [ABS 212]	Col Dr Zulkefley Mohammad
	<b>11.45</b>	Hypoxia Hangover Following Exposure to Simulated Hypobaric Hypoxia [ABS 50]	Dr Deepan Rai
	<b>12.00</b>	 <b>LUNCH POSTER SESSION 7/8/9</b> 	

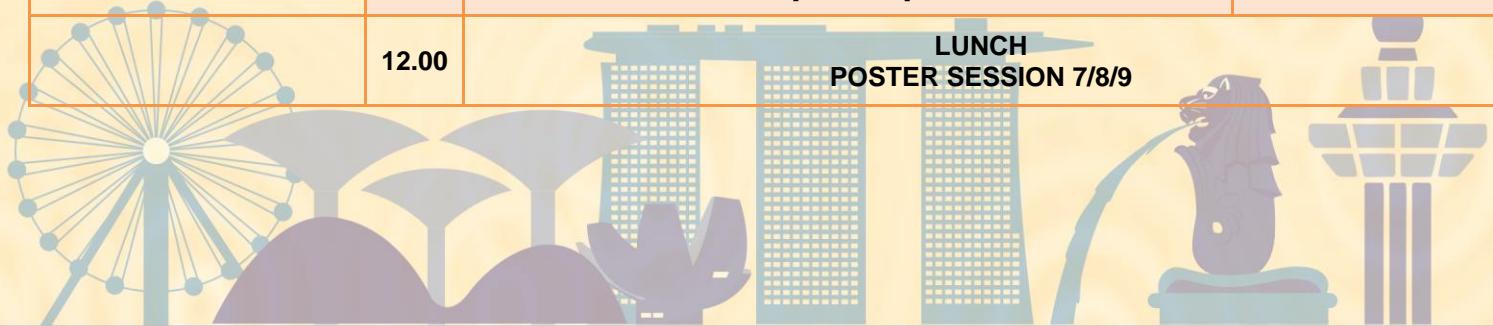
<b>SESSION 9A</b> <b>Space Medicine 3</b>  <b>Mod:</b> Dr Soh Feng Wei / Dr James Vanderploeg	<b>13.00</b>	The Practice Domains of Aerospace Psychiatry and Future Challenges for Commercial Spaceflight [ABS 234]	Dr Philip Brady
	<b>13.15</b>	Challenges to Developing Astropharmacy: A Qualitative Study using the Theoretical Domains Framework [ABS 61]	Dr Toh Li Shean
	<b>13.30</b>	Spaceflight Immune Signatures: Can Routine CBC Data Reflect Omics Findings? [ABS 104]	Ms Riya Nagar
	<b>13.45</b>	Impact of Microgravity and Radiation on Immune Cellular and Cytokine Regulation [ABS 211]	Dr Tooba Tahir
	<b>14.00</b>	Determining the Safe Staging Distance for Medical Rescue Forces During Launch Operations at the Kennedy Space Center [ABS 171]	Dr Kenneth Myers
	<b>14.15</b>	The A.R.T.E.M.I.S. Primer for Potential Osteopathic Manipulative Treatment in Spaceflight [ABS 107]	Dr Jason-Flor Sisante
	<b>14.30</b>	<b>COFFEE BREAK</b>	
<b>SESSION 10</b> <b>Clinical Aviation Medicine 2</b>  <b>Mod:</b> Dr Soh Feng Wei / Dr Henry Lupa	<b>15.00</b>	Internal and External Risk Factors Analysis on Pilot Precondition in Indonesia [ABS 23]	Dr Inne Yuliawati
	<b>15.15</b>	Clinical Characteristics and 24-Hour Urinary Risk Factors in Asymptomatic Urolithiasis Patients [ABS 78]	Dr Qin Dongfang
	<b>15.30</b>	Obstructive Sleep Apnea Related Incapacitation [ABS 92]	Dr Harry Wicaksana
	<b>15.45</b>	Role of the Aemc in Diagnosis and Assessment of Obstructive Sleep Apnea Syndrome [ABS 86]	Prof Jonathan Monin
	<b>16.00</b>	<b>END OF TECHNICAL AGENDA</b>	
	<b>18:30</b>	<b>Congress Gala Dinner</b> <b>Venue: One Farrer Hotel Grand Ballroom</b> (Dress Code: Formal or National Attire)	



## Day 3 – 29 October 2025

### READ & SPOTTISWOODE ROOMS

Session	Time	Activity	Speaker
<b>SESSION 7B</b> <b>Aviation Psychiatry and Mental Health</b>  <b>Mod:</b> MAJ(Dr) Gabriel Tan / Dr Dandaithapani Thyagarajan	<b>08.30</b>	Impact of COVID-19 on Military Aircrew Mental Health [ABS 146]	MAJ(Dr) Gabriel Tan
	<b>08.45</b>	The Aviation Psychiatrist: A Major Role in Diagnosis and Follow-Up [ABS 87]	Dr Laëtitia Marion
	<b>09.00</b>	Mental Health Support in the Republic of Singapore Air Force (RSAF) [ABS 161]	Ms Elaine Soon
	<b>09.15</b>	Understanding Cultural Rituals in Aviation Medicine: A Case of Annual Self-Flagellation and Mental Health Clearance [ABS 100]	Dr Kapil Ojha
	<b>09.30</b>	Dissociative Amnesia in A Pilot and the Role of Psychometric Assessment in Aeromedical Decision Making - A Case Report [ABS 40]	Dr Dandaithapani Thyagarajan
	<b>09.45</b>	Andropause and Aeromedical Risk: A Systematic Review of Testosterone Deficiency in Male Pilots' Performance and Mental Health [ABS 141]	Dr Watcharaphol Alexandre Kamnerdsiri
	<b>10.00</b>	<b>COFFEE BREAK</b>	
<b>SESSION 8B</b> <b>Aviation Ophthalmology</b>  <b>Mod:</b> Prof John Barbur / LTC(Dr) Isaac Chay	<b>10.30</b>	An Efficient, Two-Step Approach to Color Assessment [ABS 179]	Prof John Barbur
	<b>10.45</b>	Prevalence and Influencing Factors of Dry Eye Syndrome among Pilots: A Survey Study [ABS 49]	Prof Zhang Mingyue
	<b>11.00</b>	Prevalence of Dry Eye Syndrome among Flight Crews: A Comparative Study Between Airline and General Aviation Operators [ABS 51]	Dr Anna Fachinetti
	<b>11.15</b>	Helmet-Mounted Displays Reshape Ocular Dominance and Refractive Symmetry in AH-64 Apache Helicopter Pilots [ABS 182]	Mr Ofek Salama
	<b>11.30</b>	Ophthalmic Evaluation Following Corneal Cross-Linking Procedures and Implications for Aircrew Return to Flight [ABS 223]	Mrs Liora Levian Moadim
	<b>11.45</b>	Impact of the COVID-19 Pandemic on Myopia Progression among Israeli Air Force Flight Academy Candidates [ABS 221]	Mrs Liora Levian Moadim
	<b>12.00</b>	<b>LUNCH</b> <b>POSTER SESSION 7/8/9</b>	



<b>SESSION 9B</b> <b>Clinical Aviation Medicine 1</b>  <b>Mod:</b> Prof Erik Hohmann / Dr Robin Low	<b>13.00</b>	Shoulder Surgery in Pilots and Cabin Crew: Accelerating Return to work through Aviation-Focused Surgical Practice and Musculoskeletal Rehabilitation Unit [ABS 39]	Prof Erik Hohmann
	<b>13.15</b>	Correlations between Clinical Spinal Features and MRI Findings in Aircrew Members [ABS 184]	Dr Ofek Arieli
	<b>13.30</b>	Prevalence of Musculoskeletal Conditions in RSAF Aircrew: A Single-Centre, Six-Year Retrospective review from 2019 To 2024 [ABS 155]	CPT(DR) Jonathan Pong
	<b>13.45</b>	Vestibular and Stabilometric findings in Neck Pain and Vertebral Injuries in Pilots [ABS 123]	Cpt Claudia Milella
	<b>14.00</b>	Case Report of Decompression Illness Following Altitude Chamber Training in 2024 at the RMAF's Institute of Aviation Medicine [ABS 176]	Lt Col (Dr) Noor Saadiah Zainal
	<b>14.30</b>	<b>COFFEE BREAK</b>	
<b>FOR ACADEMICIANS ONLY</b>	<b>16.00</b>	<b>IAASM GENERAL MEETING</b>	



## POSTER PRESENTATION

Screen No.	Poster Title	Presenter
	<b>Day 1 - 27 October 2025 - 1.00pm - 1.20pm</b>	
1	Occupational Safety and Health in Commercial Space Travel [ABS 59]	Dr Joerg Hedtmann
2	Electrical Signal Migration Across Human Cardiomyocytes in Microgravity: Implications for Expedition Class Missions [ABS 60]	Dr Erik Leroy
3	Use of C60-Serinol to Prevent Radiation-Induced Cataracts in Astronauts [ABS 85]	Dr Onur Sahin
4	Pre-Flight Assessment of Aeromedical Evacuation in Lung Malignancy Cases [ABS 219]	Ms Rachmy Hamdiyati
5	Design of Aeromedical Evacuation Decision Support Simulation System Based on Discrete Event Simulation [ABS 207]	Prof Xiaoli Zhang
6	Comparison Study of Diagnostic Techniques for Dyschromatopsia currently employed for Flight Fitness Assessment [ABS 79]	Dr Andrea Mazzoni

Screen No.	Poster Title	Presenter
	<b>Day 1 - 27 October 2025 - 1.20pm - 1.40pm</b>	
1	Dengue Risk Assessment in Italian Air Force Personnel: Current Practice and Prospects [ABS 64]	Dr Carmen Nigro
2	Comparative Analysis of Vestibular Function Test Results and Aeromedical Evaluation of Pilots in the Period of COVID-19 Infection [ABS 72]	Prof Zhikang Zou
3	Management of Malaria Prevention and Case Response among Air France Flight Crews [ABS 122]	Dr Marie-Andrée Comesse
4	Comparative Analysis of Automated Cardiopulmonary (CPR) Machines for Resuscitation of Helicopter Medical Evacuation (Heli-Medevac) Casualties [ABS 157]	CPT(Dr) Jerry Jay Yeo
5	Transporting a Critically Ill Elder by The Helicopter Supported by 5G and Beidou Navigation Satellite System - Case Report [ABS 173]	Dr Wei Han



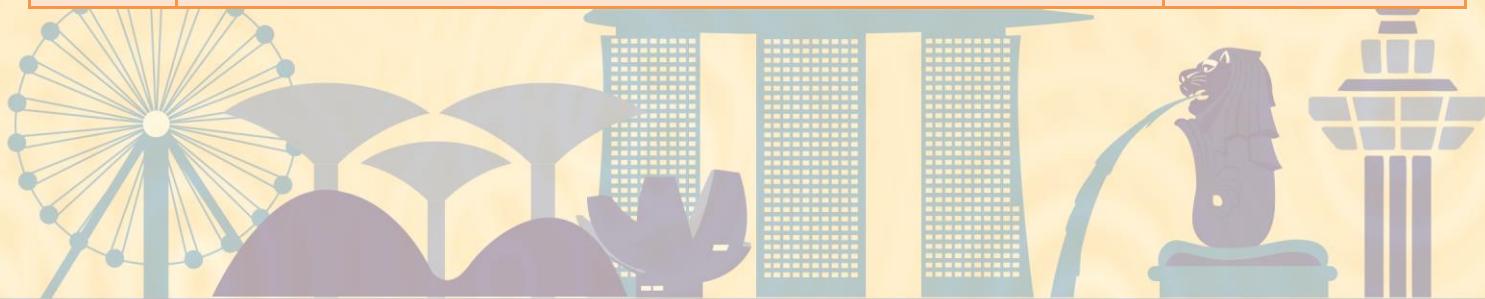
Screen No.	Poster Title	Presenter
<b>Day 1 - 27 October 2025 - 1.40pm - 2.00pm</b>		
1	Evolution of Aviation Physiology Training in the RSAF - Now and In the Future [ABS 151]	LTC (Dr) Aaron Chua
2	An Overview of Training Strategies to Strengthen Air Base Medical Operational Support in the Republic of Singapore Air Force [ABS 156]	Ms Linda Teow
3	Simulator-Based, Machine Learning-Modelled, Psychophysiological Measurement-Augmented Pilot Screening in the Republic of Singapore Air Force [ABS 202]	Mr Nicklaus Koh
4	Management of Incidental findings found on Brain MRI in Military Pilots [ABS 210]	Dr Ronel D Amico
5	Understanding Cognitive Load-Performance Dynamics in Simulated Air Traffic Control Training [ABS 198]	Dr Koh Tze Hui

Screen No.	Poster Title	Presenter
<b>Day 2 - 28 October 2025 - 12.00pm - 12.20pm</b>		
1	Pilot Health and Disqualification Trends: A 25-Year Analysis (2000-2024) in South Korea [ABS 22]	Dr Lim Juwon
2	Lufthansa Medical Center Frankfurt Pilot Referral Statistics as an Indication of Health Problems [ABS 27]	Dr Roland Nowak
3	The Effect of Norepinephrine Transporter Inhibitors on Systolic Blood Pressure for Deep Vein Thrombosis Risk Mitigation: A Systematic Review and Meta-Analysis [ABS 227]	Raihakim Hidajat
4	Effectiveness of Lifestyle Interventions on Health Outcomes among Airline Pilots: A Meta-Analysis [ABS 190]	Mr Kenoah Kovara
5	The Relationship between Physical Activity, Fatigue, and Other Factors with Sleep Quality of Cabin Crew in Indonesia [ABS 213]	Dr Arwin Okwandi



Screen No.	Poster Title	Presenter
<b>Day 2 - 28 October 2025 - 12.20pm - 12.40pm</b>		
1	Clinical Efficacy of Flow Diverter in Treating Intracranial Aneurysms in Military Pilots and Implications for Aviation Medical Certification [ABS 73]	Prof Lou Zhengxue
2	Assessment of Anthropometric Measurement and Body Composition Features in Female Military Flight Cadets [ABS 77]	Mr Lin You-Jin
3	Assessment of Changes in Psychomotor Skills under The Influence of a Special Training Process in Cadet Pilots [ABS 117]	Mr Szymon Biesiada
4	Personality Traits and Autonomic Nervous System activity during a Simulated Military Flight [ABS 147]	Prof Dagmara Bartczak-Szemer
5	Haemodynamic Assessment of Mild Atrioventricular Valve Regurgitation in the Aero-Medical Aspect [ABS 200]	Prof Ewelina Zawadzka-Bartczak
6	Grounded by a Virus: Parvovirus B19 Presenting as Acute Polyarthritis in an Aircrew Member [ABS 88]	Dr Kapil Ojha

Screen No.	Poster Title	Presenter
<b>Day 2 - 28 October 2025 - 12.40pm - 1.00pm</b>		
1	Civil Aviation Emergency Management Information Platform for Public Health Emergencies System: Information Technology Solution for Pandemic Preparedness, Response, and Management [ABS 82]	Mrs Cao Yuan
2	Methods of Diagnosing Aircraft Components as a Factor for Ensuring Safety in Air Training and Preventing Air Accidents. Selected Aspects [ABS 132]	Lt. Col Prof Marcin Sztabryny
3	Sleep Restriction Impairs Working Memory under Hypoxia: Should it be a New Consideration for Flight Safety? [ABS 169]	Mr Ulysse Comte
4	Strengthening Pilot's Mental Health Through Peer Support Network and Programmes [ABS 206]	Cpt Jeffery Ang
5	Guarding The Point of Entry: A Lesson Learned From Airport Passenger Health Quarantine Systems [ABS 226]	Dr Santhi Sueningrum



Screen No.	Poster Title	Presenter
<b>Day 3 - 29 October 2025 - 12.00pm - 12.20pm</b>		
1	Validation of a Computational Model for G-Tolerance Prediction using a Second Participant [ABS 01]	Dr Samuel Stephenson
2	Establishment of a Practical Platform for Rapid Physiological Data Processing and G Tolerance Estimation [ABS 57]	Prof Lai Chung-Yu
3	The Impact and Mechanisms of Resistance Training on Hypoxia-Induced Muscle Atrophy [ABS 63]	Mr Wang Yongchun
4	A Pilot Study on Heart Rate Variability in Flight Cadets During Exposure to Hypobaric Hypoxia [ABS 93]	Ms Hsu Ju-Yun
5	Alterations in Oxidative Stress Before and After Hypobaric Chamber Training: Case Report [ABS 97]	Dr Shih Meng-Hung
6	Acute High-Altitude Hypoxia Triggers TNF-A Production in Vascular Smooth Muscle Cells via BMAL1-Mediated Endoplasmic Reticulum Stress [ABS 106]	Prof Lu Songhe

Screen No.	Poster Title	Presenter
<b>Day 3 - 29 October 2025 - 12.20pm - 12.40pm</b>		
1	Concurrent Benign Paroxysmal Positional Vertigo in a Civil Aviation Pilot with Ipsilateral Sudden Sensorineural Hearing Loss [ABS 32]	Prof Yin Haiying
2	Challenges in Color Vision, Literature on New Methods for Deficiencies Description and Detection [ABS 76]	Dr Andrea Mazzoni
3	Aeromedical Certification of a Military Pilot with Asymptomatic Hyperparathyroidism: A Case Report and Literature Review [ABS 71]	Prof Jin Liang
4	Incidental Discovery of Blebs and Bullae in Fighter Pilots: Should they be Treated or Monitored? - A Case Report and Literature Review [ABS 84]	Dr Zakaria Iloughmane
5	Impact of 15s +9 Gz Acceleration on Contrast Sensitivity in Pilots: A Dynamic Simulator Study [ABS 131]	Prof Katarzyna Sowa



Screen No.	Poster Title	Presenter
<b>Day 3 - 29 October 2025 - 12.40pm - 1.00pm</b>		
1	Nasal Polyposis in Flight Personnel: Traditional Therapeutic Approach or Choice of Biological Treatment? [ABS 56]	Col Federico Piccoli
2	Changes in Pain Intensity of Musculoskeletal Disorders in Flight Attendant Post Stretching Exercise Program [ABS 109]	Dr Maria Melania Muda
3	Managing Low Back Pain in Military Aviators: A Meta-Analysis of Core Stabilization Exercise Trials [ABS 189]	Mr Steven Lauren Xius
4	Prolactinoma in Air Traffic Controller [ABS 172]	Dr Meena Nachiappan

