

ICASM 2025



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



71st International Congress of Aviation and Space Medicine | SINGAPORE

27 to 30 October 2025

Soaring Towards New Horizons in Aviation and Space Medicine

PROGRAMME

DAY 1 – 27 October 2025

GRAND BALLROOM

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



Plenary Lecture	14.00	Infectious Disease Pandemics - A Future Crisis or Captivating Opportunities for The Aviation Industry?	Prof Vernon Lee
SESSION 1A Infectious Disease And Air Travel Mod: Dr Kris Belland / Dr Paulo Alves	14:45	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
	15.00	Travel Prophylaxis for Flight Crew – An Update [ABS 203]	Dr Joerg Siedenburg
	15.15	Risk Of Malaria Infection in Aircrews During Layovers in Western Africa [ABS 222]	Dr Tobias Dingwerth
	15.30	COFFEE BREAK	
International SOS Sponsored Session	16.00	Innovation in the Handling of In-Flight Medical Events and Aeromedical Transportation	Dr Paulo Alves Dr David Teo
SESSION 2A Aeromedical Transportation Mod: Dr Kris Belland / Dr Paulo Alves	17.00	Our Preliminary Experience with Ground Base Medical Assistance (GBMA): Lessons and Way Forward [ABS 108]	Dr Shilpa Khanna Maggon
	17.15	Impact of Medical Volunteers During In-Flight Medical Events [ABS 205]	Dr Paulo Alves
	17.30	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
	17.45	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
	18.00	END OF TECHNICAL AGENDA	
	19:00	Conference Reception Venue: Saranggong Terrace (Dress Code: Lounge Attire)	



DAY 1 – 27 October 2025

READ & SPOTTISWOODE ROOMS

Session	Time	Activity	Speaker
SESSION 1B Space Medicine 1 Mod: Dr Joseph Dervay / Dr Annette Sobel	14.45	Multilateral Integrated Medical Support of The International Space Station (ISS) [ABS 90]	Dr Joseph Dervay
	15.00	Interventional Radiology in Space, A New and Promising Cure [ABS 03]	Dr Farah Cadour
	15.15	AI-Enhanced Wearable Systems for Proactive Musculoskeletal Monitoring in Long-Duration Spaceflight: A Review of Opportunities and Challenges [ABS 228]	Dr Roberta Manuel
	15.30	COFFEE BREAK	
SESSION 2B Space Medicine 2 Mod: Dr Joseph Dervay / Dr Annette Sobel	16.00	Novel Platform for Radiation Measurements for Crew Health [ABS 162]	Dr Annette Sobel
	16.15	Cardiopulmonary Resuscitation During Spaceflight: Challenges, Techniques, and Future Directions [ABS 62]	Dr Nidhi Kakkar
	16.30	Determining The Best Technique: Methods, Challenges, and Innovations of Performing Microgravity CPR [ABS 53]	Ms Amber Snowton
	16.45	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
	17.00	Spaceflight Immune Signatures: Can Routine CBC Data Reflect Omics Findings? [ABS 104]	Ms Riya Nagar
	17.15	Blood Flow Dynamics in Carotid Artery During Simulated Microgravity and Lunar Gravity [ABS 25]	Dr Biswajit Sinha
	17.30	END OF TECHNICAL AGENDA	



Day 2 – 28 October 2025

GRAND BALLROOM

Session	Time	Activity	Speaker
SESSION 3 Aviation Cardiology Mod: Dr Norbert Guettler / Dr Jason Low	08.30	Heart Health and Peak Performance: Optimizing Cardiovascular Risks for Pilots, Soldiers, and Sailors [ABS 04]	Dr Eddie Davenport
	08.45	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
	09.00	The Effects of G-Force on Echocardiographic Parameters: Two Decades of Echocardiographic Follow-Up in Air Force Pilots [ABS 186]	Ms Viana Copeland
	09.15	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
	09.30	Is there any use of Echocardiography Screening in Military Pilot Applicants? [ABS 181]	Dr Norbert Guettler
	09.45	The Proportion of Metabolic Syndrome Among Airline Pilots in Indonesia Before and During The COVID-19 Pandemic [ABS 220]	Mr Luis Anthony Jayanata
	10.00	COFFEE BREAK	
SESSION 4 Women in Aviation Mod: LTC(Dr) Magdalene Lee / Dr Sarita Dara	10.30	Addressing The Gender Gap: Female-Inclusive Flight Suits in the Irish Air Corps [ABS 45]	Dr Louise Fitzgerald
	10.45	Space Flight, Sex Differences, and Clinical Considerations in Women's Health [ABS 209]	Prof Dominique Luton
Invited Panel Mod: Ms Tan Siew Huay	11.00	Women in Aviation Panel	Ms Julia Ho Ms Kristin Toh Ms Nah Jinping Dr Ansa Jordaan Dr Susan Northrup
	12.00	LUNCH POSTER SESSION 4/5/6	



SESSION 5 Civil Aviation Medicine & Regulatory Medicine Mod: Dr Melchor Antunano / Dr Koh Choong Hou	13.00	Challenges And Opportunities in the Application of AI In Medicine [ABS 235]	Dr Melchor Antunano
	13.15	Healthy Lifestyle and Prediction of Non-Communicable Disease (NCD) Among Civil Pilots In India [ABS 41]	Prof Sudhanshu Mohapatra
	13.30	The Case for New Standards Of Medical Certification for Low-Risk Sport Aviation [ABS 174]	Dr Geoffrey Mccarthy
	13:45	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
	14:00	Bridging Healthcare Disparities in Indonesia: The Role of Aeromedical Evacuation and Comparative Regulatory Insights [ABS 217]	Ms Rachmy Hamdiyati
	14:15	Factors Associated with Fatal and Non-Fatal Commercial Aviation Accidents in Indonesia (2007-2018) [ABS 67]	Dr Adre Dwi Wiratama
	14.30	Barotraumatic Otitis in Commercial Aircrew: Impact of Cabin Pressure Altitude Over a 10-Year Observational Study [ABS 114]	Dr Pietro Scaramuzzo
	14.45	Research on Medical Events of In-Flight Incapacitation in Civil Transport Air Crew, 2017-2024 [ABS 24]	Dr Zhu Yiwen
	15.00	COFFEE BREAK	
SESSION 6A Military Aviation Medicine Mod: LTC(Dr) Isaac Chay / 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	END OF TECHNICAL AGENDA	
For Academicians Only	19:00	IAASM Academicians Dinner Meet-Up Timing: 1900H at One Farrer Hotel Lobby (Dress Code: Black Tie Attire)	

Day 2 – 28 October 2025

READ & SPOTTISWOODE ROOMS

Session	Time	Activity	Speaker
Virgin Galactic AME Workshop	08.30	Session 1: Introduction to The Virgin Galactic Future Astronaut Medical Screening Process	
	09.30	Session 2: Virgin Galactic AME Registration, Profile Creation and Legal Documents	
	10.30	Session 3: Conducting and Documenting a Virgin Galactic Flight Physical	
	12.00	LUNCH POSTER SESSION 4/5/6	
JFJ Sponsored Session Mod: 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
ETC Sponsored Session	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
	15.00	COFFEE BREAK	



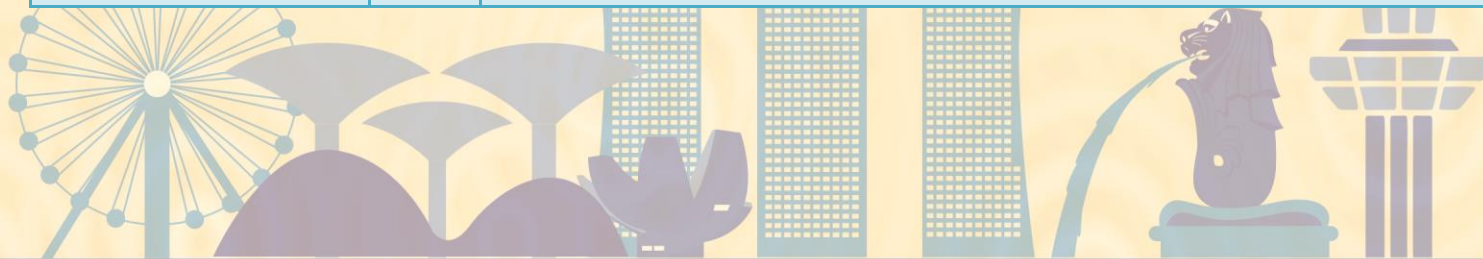
SESSION 6B Aviation Psychology And Training Mod: Ms Delicia Ser / Mr Chris De Roza	15.30	Does Pre-Training Heart Rate Variability Predict Completion of the Israeli Air Force Pilot Training? [ABS 180]	Ms Aya Ekshtein
	15.45	Sensor-Based Tracking in Aviation Pilot Training [ABS 91]	Dr Botond Szűcs
	16.00	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]	Ms Pan Chenxin
	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	Exploring Psychophysiological Measurements to Augment the Assessment of Pilot Trainees In Simulator-Based Screening [ABS 199]	Dr Ang Cher Wee
	17.30	END OF TECHNICAL AGENDA	



Day 3 – 29 October 2025

GRAND BALLROOM

Session	Time	Activity	Speaker
SESSION 7A Human Factors, Survivability & Accident Investigation Mod: Dr John Crowley / Ms Cheng Chin Yi	08.30	Human Systems Integration: What it is and How it can Save Aircrew Lives [ABS 43]	Dr Andrew Bellenkes
	08.45	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
	09.00	Drivers of Safety Behaviours in Organisations and the Measurement of Organisational Drift [ABS 187]	Ms Cheng Chin Yi
	09.15	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
	09.30	Occupant Survival in Helicopter Accidents: The Effect of Crashworthy Design Features In Utility and Attack Helicopters [ABS 231]	Dr John Crowley
	09.45	Measuring What Matters: Assessing the Real-World Impact of Flight and Duty Time Limits on Crew Fatigue [ABS 47]	Mr Tomas Klemets
	10.00	COFFEE BREAK	
SESSION 8A High Performance Aviation & Acceleration Mod: Dr Ryan Mayes / Dr Kenneth Fong	10.30	Physiologic Episodes in High-Performance Aviation: The State of the Science [ABS 81]	Dr Ryan Mayes
	10.45	Biometric Monitoring and AI Algorithms to Predict Physiologic Stress in High Performance Flight [ABS 105]	Dr Thomas Flipse
	11.00	Impact of 15s +9 Gz Acceleration on Contrast Sensitivity in Pilots: A Dynamic Simulator Study [ABS 131]	Prof Katarzyna Sowa
	11.15	Sudden Inflight Incapacitation During a High-G-Manoeuvre Due to a Cerebellar Arteriovenous Malformation: A Case Report [ABS 115]	Col Dr Hans Noblé
	11.30	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
	12.00	LUNCH POSTER SESSION 7/8/9	



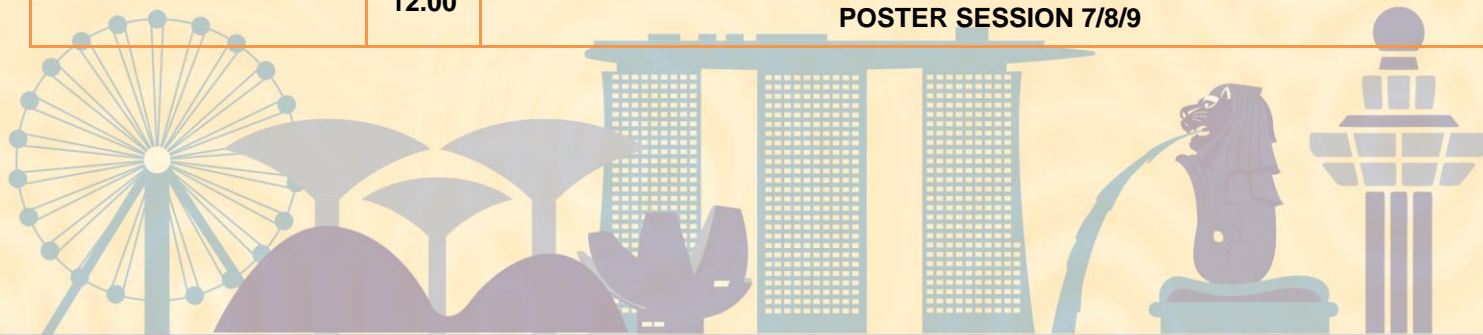
SESSION 9A Space Medicine 3 Mod: Dr Soh Feng Wei / Dr James Vanderploeg	13.00	The Practice Domains of Aerospace Psychiatry and Future Challenges for Commercial Spaceflight [ABS 234]	Dr Philip Brady
	13.15	Challenges to Developing Astropharmacy: A Qualitative Study using the Theoretical Domains Framework [ABS 61]	Dr Toh Li Shean
	13.30	The Effect of Bisphosphonates on Bone Metabolism in Spaceflight and Bed Rest Studies [ABS 194]	Mrs Zsuzsanna Pasztorne Benyo
	13.45	Impact of Microgravity and Radiation on Immune Cellular and Cytokine Regulation [ABS 211]	Dr Tooba Tahir
	14.00	Determining the Safe Staging Distance for Medical Rescue Forces During Launch Operations at the Kennedy Space Center [ABS 171]	Dr Kenneth Myers
	14.15	The A.R.T.E.M.I.S. Primer for Potential Osteopathic Manipulative Treatment in Spaceflight [ABS 107]	Dr Jason-Flor Sisante
	14.30	COFFEE BREAK	
	15.00	Internal and External Risk Factors Analysis on Pilot Precondition in Indonesia [ABS 23]	Dr Inne Yulawati
SESSION 10A Clinical Aviation Medicine 2 Mod: Dr Soh Feng Wei / Dr Henry Lupa	15.15	Clinical Characteristics and 24-Hour Urinary Risk Factors in Asymptomatic Urolithiasis Patients [ABS 78]	Dr Qin Dongfang
	15.30	Clinical Course and Aeromedical Considerations in the Management of Undifferentiated Connective Tissue Disease and Sjogren Syndrome In a Young Female Cabin Crew: A Case Report [ABS 175]	Dr Brajamani Akoijam
	15.45	Needle in the Sky: A Sentinel Case of In-Flight Needle Stick Injury in Cabin Crew at Air India [ABS 230]	Dr Shagufta Hasnain
	16.00	END OF TECHNICAL AGENDA	
	19:00	Congress Gala Dinner Venue: One Farrer Hotel Grand Ballroom (Dress Code: Formal or National Attire)	



Day 3 – 29 October 2025

READ & SPOTTISWOODE ROOMS

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



SESSION 9B Clinical Aviation Medicine 1 Mod: Prof Erik Hohmann / Dr Robin Low	13.00	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
	13.15	Correlations between Clinical Spinal Features and MRI Findings in Aircrew Members [ABS 184]	Dr Ofek Arieli
	13.30	Prevalence of Musculoskeletal Conditions in RSAF Aircrew: A Single-Centre, Six-Year Retrospective review from 2019 To 2024 [ABS 155]	Dr Jonathan Pong
	13.45	Vestibular and Stabilometric findings in Neck Pain and Vertebral Injuries in Pilots [ABS 123]	Cpt Claudia Milella
	14.00	Obstructive Sleep Apnea Related Incapacitation [ABS 92]	Dr Harry Wicaksana
	14.15	Role of the Aemc in Diagnosis and Assessment of Obstructive Sleep Apnea Syndrome [ABS 86]	Prof Jonathan Monin
	14.30	COFFEE BREAK	
SESSION 10B Altitude Physiology and Hypoxia Mod: Dr Alvin Woo / Prof Tracy Smart	15.00	Comparison of Intermittent Hypoxia Exposure at High Altitude and Routine Acclimatisation - A Pilot Study [ABS 33]	Dr Srinivasa Bhattachar
	15.15	Enhancing Hypoxia Recognition and Visual Performance in Rotary Wing Aircrew through Simulated High-Altitude Training [ABS 212]	Col Dr Zulkefley Mohammad
	15.30	Hypoxia Hangover Following Exposure to Simulated Hypobaric Hypoxia [ABS 50]	Dr Deepan Rai
	15.45	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
FOR ACADEMICIANS ONLY	16.00	IAASM GENERAL MEETING	



POSTER PRESENTATION

Screen No.	Poster Title	Presenter
	Day 1 - 27 October 2025 - 1.00pm - 1.20pm	
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	Diagnostic Accuracy of Rapid Tests for Malaria Detection in Travelers Returning from Endemic Regions: A Meta-Diagnostic Review [ABS 214]	Mr Raden Raditya Daniswara
6	Design of Aeromedical Evacuation Decision Support Simulation System Based on Discrete Event Simulation [ABS 207]	Prof Xiaoli Zhang

Screen No.	Poster Title	Presenter
	Day 1 - 27 October 2025 - 1.20pm - 1.40pm	
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	The Critical Role of Aeromedical Evacuation and Air Rescue in Natural Disasters: A Strategic Focus on Asia-Pacific Countries [ABS 178]	Dr Nabilah Paramitha
5	Comparative Analysis of Automated Cardiopulmonary (CPR) Machines for Resuscitation of Helicopter Medical Evacuation (Heli-Medevac) Casualties [ABS 157]	CPT(Dr) Jerry Jay Yeo
6	Transporting a Critically Ill Elder by The Helicopter Supported by 5G and Beidou Navigation Satellite System - Case Report [ABS 173]	Dr Wei Han



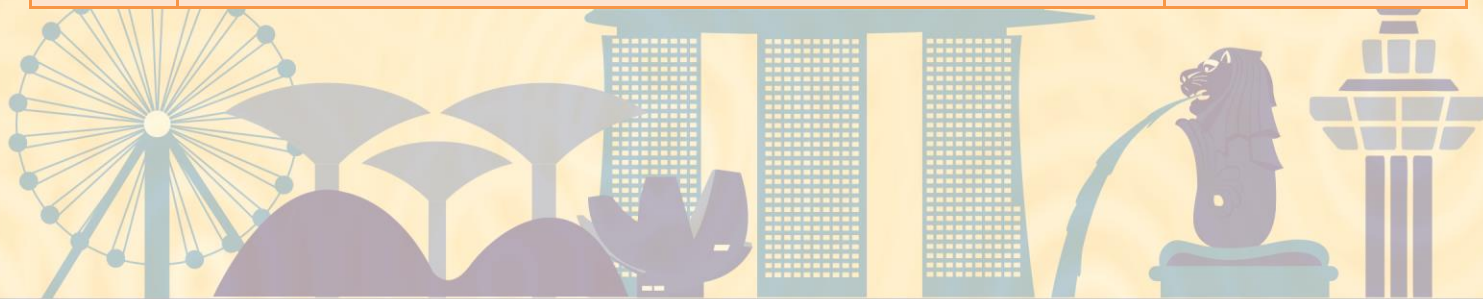
Screen No.	Poster Title	Presenter
Day 1 - 27 October 2025 - 1.40pm - 2.00pm		
1	Evolution of Aviation Physiology Training in the RSAF - Now and In the Future [ABS 151]	LTC (Dr) Aaron Chua
2	An Overview of Training Strategies to Strengthen Air Base Medical Operational Support in the Republic of Singapore 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
Day 2 - 28 October 2025 - 12.00pm - 12.20pm		
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
4	Effectiveness of Lifestyle Interventions on Health Outcomes among Airline Pilots: A Meta-Analysis [ABS 190]	Mr Kenoah Kovara
5	Association between total Flight Hours, Flight Type, Number of Flight Sectors and Central Obesity with Prediabetes in Fixed Wing Civilian Pilots in Indonesia [ABS 201]	Dr Rahayu U
6	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
Day 2 - 28 October 2025 - 12.20pm - 12.40pm		
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-Szermer
5	Haemodynamic Assessment of Mild Atrioventricular Valve Regurgitation in the Aero-Medical Aspect [ABS 200]	Prof Ewelina Zawadzka-Bartczak
6	Baseline Vestibular Function of Air Force Flight Academy Candidates [ABS 224]	Dr Omer Tehori

Screen No.	Poster Title	Presenter
Day 2 - 28 October 2025 - 12.40pm - 1.00pm		
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 Sztobryn
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
Day 3 - 29 October 2025 - 12.00pm - 12.20pm		
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- α Production in Vascular Smooth Muscle Cells via BMAL1-Mediated Endoplasmic Reticulum Stress [ABS 106]	Prof Lu Songhe

Screen No.	Poster Title	Presenter
Day 3 - 29 October 2025 - 12.20pm - 12.40pm		
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	Grounded by a Virus: Parvovirus B19 Presenting as Acute Polyarthrititis in an Aircrew Member [ABS 88]	Dr Kapil Ojha
6	Central Nervous System (CNS) Vasculitis: Aeromedical decision making in Indian Civil Aviation [ABS 153]	Dr Vijaya Vardhan Indluru

Screen No.	Poster Title	Presenter
	Day 3 - 29 October 2025 - 12.40pm - 13.00pm	
1	Nasal Polyposis in Flight Personnel: Traditional Therapeutic Approach or Choice of Biological Treatment? [ABS 56]	Col Federico Piccoli
2	Comparison Study of Diagnostic Techniques for Dyschromatopsia currently employed for Flight Fitness Assessment [ABS 79]	Dr Andrea Mazzoni
3	Changes in Pain Intensity of Musculoskeletal Disorders in Flight Attendant Post Stretching Exercise Program [ABS 109]	Dr Maria Melania Muda
4	Managing Low Back Pain in Military Aviators: A Meta-Analysis of Core Stabilization Exercise Trials [ABS 189]	Mr Steven Lauren Xius
5	Prolactinoma in Air Traffic Controller [ABS 172]	Dr Meena Nachiappan

