Aerospace Medicine Clinical Reviews 2027

Phoenix AZ

April 2-4, 2027

Programing follows the local time zone

Day 1		**April 2, 2027**
7:00 AM	7:30 AM	Registration, Breakfast and Exhibits
7:30 AM	8:15 AM	Welcome and **Overview of Challenges** *JD Polk, DO, MS, MMM, CPE, FACOEP, FAsMA* *NASA*
8:15 AM	9:00 AM	**Review of spaceflight data - Antiemetics** *Rebecca S. Blue, M.D. MPH* *Blue Origin*
9:00 AM	9:45 AM	**Gastrointestinal concerns** *John K. DiBaise, M.D.* *Mayo Clinic*
9:45 AM	10:00 AM	Q&A for Dr Blue and Dr. DeBaise
10:00 AM	10:45 AM	**Cardiology : Coronary disease risk stratification** *Regis I. Fernandes, M.D.* *Mayo Clinic*
10:45 AM	11:00 AM	Refreshment Break
11:00 AM	11:45 AM	**Cardiology : Electrophysiological treatment of arrhythmias** *Komandoor Srivathsan, M.D.* *Mayo Clinic*
11:45 PM	12:30 PM	**Thrombosis: state of the art** *Rajiv K. K. Pruthi, M.B.B.S.* *Mayo Clinic*
12:30 PM	12:45 PM	Q&A for Dr. Srivathsan and Dr. Pruthi
12:45 PM	1:15 PM	Lunch
1:15 PM	2:00 PM	**Gastroenterology - Cases** *John K. DiBaise, M.D.*

		Mayo Clinic
2:00 PM	2:45 PM	**Cardiology: Cases** *Regis I. Fernandes, M.D. and Komandoor Srivathsan, M.D.* *Mayo Clinic*
2:45 PM	3:30 PM	**Diagnosis and treatment of cerebral vein thrombosis** *Cumara B. O'Carroll, M.D., M.P.H.* *Mayo Clinic*
3:30 PM	4:15 PM	**Thrombosis cases** *Rajiv K. K. Pruthi, M.B.B.S.* *Mayo Clinic*
4:15 PM	5:00 PM	**Cases : Diagnosis and treatment of cerebral vein thrombosis** *Cumara B. O'Carroll, M.D., M.P.H.* *Mayo Clinic*
5:00 PM	5:15 PM	Wrap up and Adjourn
Day 2		**April 3, 2027**
7:00 AM	7:45 AM	Registration, Breakfast and Exhibits
7:45 AM	8:30 AM	**Review of spaceflight data - Urinary retention** *Rebecca S. Blue, M.D. MPH* *Blue Origin*
8:30 AM	9:15 AM	**Urinary retention / stones and lower urinary tract symptoms** *Mitchell R. Humphreys, M.D.* *Mayo Clinic*
9:15 AM	9:30 AM	Q&A for Dr. Blue and Dr Humphreys
9:30 AM	10:15 AM	**Dental review** *Thomas J. Salinas, D.D.S.* *Mayo Clinic*
10:00 AM	10:30 AM	Refreshment Break
10:30 AM	11:15 AM	**Osteoporosis : review of current therapies** *Krupa B. Doshi, M.D.* *Mayo Clinic*

11:15 AM	12:00 PM	**Osteoporotic fracture management** *Andrew P. Adamczyk, M.D.* *Mayo Clinic*
12:00 PM	12:15 PM	Q&A for Dr. Doshi and Dr. Adamczyk
12:15 PM	1:00 PM	Lunch
1:00 PM	1:45 PM	**Lunar / Martian dust : pulmonary concerns** *Clayton T Cowl, M.D., MS* *Mayo Clinic*
1:45 PM	2:30 PM	**Dermatology concerns** *Collin M. Costello, MD* *Mayo Clinic*
1:45 PM	2:00 PM	Q&A for Dr. Cowl and Collin Costello
2:00 PM	2:45 PM	**Urinary retention / stones and lower urinary tract symptom cases** *Mitchell R. Humphreys, M.D.* *Mayo Clinic*
2:45 PM	3:30 PM	**Dental Cases** *Thomas J. Salinas, D.D.S.* *Mayo Clinic*
3:30 PM	4:15 PM	**Osteoporosis cases** *Krupa Doshi M.D.* *Mayo Clinic*
4:15 PM	5:00 PM	**Lunar / Martian dust cases** *Clayton T Cowl, M.D., M.S.* *Mayo Clinic*
5:00 PM	5:45 PM	**Dermatology cases** *Colin Costello M.D.* *Mayo Clinic*
5:45 PM	6:00 PM	Wrap up and Adjourn
Day 3		**April 4, 2027**

7:00 AM	7:45 AM	Registration, Breakfast and Exhibits
7:45 AM	8:30 AM	**State of the art review of spaceflight - Gaps in our knowledge** *David R. Francisco, PhD* *NASA*
8:30 AM	9:15 AM	**Radiation threats** *Eddie Simone Ph.D.* *NASA*
9:15 AM	9:30 AM	Q&A for David Francisco and TBD
9:30 AM	10:15 AM	**Hypoxemia, evaluation and right to left shunting concerns** *Jan Stepanek, M.D., MPH* *Mayo Clinic*
10:15 AM	11:00 AM	**Spaceflight Associated Neuro-ocular Syndrome (SANS** *Tyson Brunstetter, OD* *NASA*
11:00 AM	11:15 AM	Q&A for Dr. Stepanek and Dr. Brunstetter
11:15 AM	12:00 PM	Lunch
12:00 PM	12:45 PM	**Cases radiation threats scenarios** *Eddie Simone PhD* *NASA*
12:45 PM	1:30 PM	**Cases right to left shunting - hypoxic echo demonstration** *Jan Stepanek, M.D. & Reza Arsanjani, M.D.* *Mayo Clinic*
1:45 PM	2:30 PM	**Ophthalmology / SANS cases** *Tyson Brunstetter, OD* *NASA*
2:30 PM	3:15 PM	Review of Learning and Course Adjourns