



13TH MIDDLE EAST PEDIATRIC ORTHOPEDIC CONFERENCE & 5TH KHAREEF DHOFAR MILITARY ORTHOPEDIC CONFERENCE



9-11 SEPTEMBER 2026 | SALALAH, SULTANATE OF OMAN

GAIT ANALYSIS WORKSHOP

9 SEPTEMBER 2026

Time	Topic
08:30 – 08:45	Welcome and Introduction
08:45 – 09:00	Gait Analysis – Clinical observation, Video recording and paper based assessments
09:00 – 09:15	What is 3D/4D Gait Analysis
09:15 – 09:30	What are the Kinematics of the Lower Limbs?
09:30 – 09:45	What are the Kinetics of the Lower Limbs?
09:45 – 10:00	Electromyography
10:00 – 10:15	Putting the Above Together
10:15 – 10:30	Coffee Break
10:30 – 10:45	Gait Analysis Patterns in Hemiplegic Cerebral Palsy
10:45 – 11:00	Gait Analysis Patterns in Diplegic Cerebral Palsy
11:00 – 12:30	Live Demo