

Course schedule

Friday 17 April 2020

09.00u - 09.15u Course introduction
09.15u - 10.00u History of decompression procedures
10.00u - 11.00u Decompression models (Haldane, Buhlmann, RGBM, probabilistic): maths and physiology
11.00u - 11.15u Break
11.15u - 12.00u Bubble formation: physics vs pathophysiology
12.00u - 13.15u Risk factors for decompression diseases
13.15u - 14.00u Lunch
14.00u - 14.45u Case reports decompression sickness
14.45u - 16.00u Types of DCS, classification and clinical symptoms
16.00u - 16.15u Break
16.15u - 17.00u Prevention of DCS
17.00u - 17.45u Gas mixtures and decompression
17.45u - 18.15u Dive profiles and decompression

Saturday 18 April 2020

08.00u - 08.30u Extreme recreational diving
08.30u - 09.30u Past, current and future research on decompression sickness
09.30u - 10.30u Treatment of DCS/DCI
10.30u - 10.45u Break
10.45u - 11.45u Recompression tables
11.45u - 13.00u HBO therapy – principles
13.00u - 13.45u Lunch
13.45u - 15.00u HBO Therapy – indications other than DCS (ECHM, UHMS); contraindications
15.00u - 15.15u Break
15.15u - 15.45u HBO therapy practice – types of chambers, different tables and procedures used worldwide
15.45u - 16.30u Personnel involved in HBOT – medical fitness, training, Code of Good Practice
16.30u - 17.15u HBOT: Safety & Efficiency, Toxicity & Adverse effects
17.15u - 17.45u Examination and closure