



2ND ANNUAL UPDATE IN MARINE MEDICINE RESORT LATITUDE ZERO SEPT 2ND – 9TH, 2012

September 2nd

18:00 - 20:00

Introduction to Marine Medicine – a brief history of marine exploration. A brief history of marine medicine. An introduction to the marine environment. What are the risks? Safety at sea.

Speaker: Associate Professor Geoff Ramin

September 3rd

07:00 - 09:00

Dive Expedition Planning

Speaker: TBA

17:00 - 19:00

DCS and the role of Hyperbaric Therapy - Physics of diving. Fitness to dive. Medical consequences of diving. Decompression Illness. Insurance and Medical evacuation issues. Case Studies.

Speaker: TBA

September 4th

07:00 – 09:00

Improvisation of Medical Care in a Wilderness Setting – How to do a lot with very little. Improvisation at sea. Case studies

Speaker: Associate Professor Geoff Ramin

17:00 – 19:00

Medical Consequences of Surf Events

Speaker: TBA

September 5th

07:00 – 09:00

Marine Toxicology/Toxinology Part 1 - Sharks. Jellyfish. Sea Snakes. Spiny fish. Cone shells. Octopi. Ciguatera. Other seafood poisonings.

Speaker: TBA

17:00 – 19:00

Marine Toxicology/Toxinology Part 2 – Case Studies

Speaker: TBA

September 6th

07:00 – 09:00

Immersion Syndromes – Drowning. Near drowning. Cold vs warm water immersion. Hypothermia. Case Studies

Speaker: TBA

17:00 – 19:00

Marine Case Studies

Speaker: TBA

September 7th

07:00 – 09:00

Marine Infections - Marine wound management. Marine based infections.
Speaker: TBA

17:00 – 19:00

Hypothermia - Temperature regulation. Definitions. Aetiology. Clinical features. Differential diagnosis. Field management. Hospital management. Advanced rewarming techniques. Rewarming injuries. Frostbite. Frostnip
Speaker: TBA

October 8th

07:00 – 09:00

Survival At Sea - Survival training. Psychology of survival. Understanding Search and Rescue. Circum-rescue collapse. Life-raft medicine. Lightning at sea. Case Studies.

Speaker: Associate Professor Geoff Ramin

17:00 – 19:00

Closing Remarks / The Quiz !!

Speaker: TBA

October 9th

Departures

Our Speakers:

A/Prof Geoffrey Ramin

Please see our website at www.mote.net.au for full speaker bios.

Note: there will be approximately 4 hours of workshop activity each day. The exact time when this will occur will be determined on a day by day basis. The sessions will be small group, case based and highly interactive.