



CAPCA

Chesapeake Area Professional Captains Association
1009 Bay Ridge Avenue PMB 156
Annapolis, MD 21403
www.capca.net 410-267-7651

Continuing Education Course Outline

Title of Course: Medical Emergencies at Sea: “Beyond First Aid”

Date of Course: Saturday, March 22, 2014 - 9:00am to 3:00pm

Course Location: Annapolis Elks Lodge #622, Edgewater, MD

Instructor: Dr. Samuel S. Lyness, MD, Neurological Surgeon

0830 – 0900: Check-in Registration & Continental Breakfast

0900 – 0910: Welcome: Opening Statements & Class Announcements

0910 – 1020: Session I

- The Offshore Scene
- Communications
- Resources
- The Human Factor
- Liability
- Triage
- Medical Kits
- Planning and Prevention
- Sea Sickness

1020 – 1030: Coffee Break – Networking

1030 – 1215: Session II

- Scrapes and Cuts
- Sucking Wounds of the Chest
- Open Wounds of the Abdomen
- Burns
- Shock
- Hypothermia
- Drowning
- Diagnosis of Death
- Fractures/Dislocations

1215 – 1300: Lunch – Networking

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1300 – 1430: Session III

- Spinal Injuries
- Carbon Monoxide Poisoning
- Eye and Ear Problems
- Seizures/Convulsions
- Allergy/Anaphylactic Shock
- Heart Attack
- Respiratory Infection
- Head Injury
- Alcohol Withdrawal
- Seafood Poisoning
- The Unresponsive Crew Member
- Pruritis Ani

1430 – 1500: Discussions and Open Questions Period

Instructor's Bio:

This course is taught by Dr Samuel S. Lyness. It is designed to teach the recognition and management of medical emergencies off-shore where communications and rescue are limited or not possible. Dr Lyness is a recently retired neurosurgeon. He is a licensed Coast Guard captain, 50 ton inland master with sail and tow endorsements. **EDUCATION:** Undergraduate school-University of Pittsburgh, Pittsburgh, PA; Medical School-University of Pittsburgh, School of Medicine; General Surgery Resident Training-Delaware Hospital, Wilmington, DE; Neurosurgery Resident Training-University of Pennsylvania, Philadelphia, PA; Chief Resident in Neurosurgery, Hospital of University of Pennsylvania-1965-66. **PRIVATE PRACTICE:** Neurosurgery in suburban Philadelphia, PA for 37 years retiring in 2003. Recruited, 2003, by US Army Medical Corp serving as Acting Chief of Neurosurgery, William Beaumont Army Medical Center, Ft Bliss, El Paso, TX retiring in 2006; recruited again the same year by US Army Medical Corp serving for seven years as senior staff neurosurgeon and Director of Tele-Neurosurgery, Walter Reed Army Medical, Washington, DC retiring from this position and from neurosurgery in 2012. **YACHTING:** Over 45 years sailing on the Chesapeake Bay and off shore from Maine to the Bahamas and Virgin Islands. **MEMBERSHIPS:** Chesapeake Area Professional Captains Association; Annapolis Sail and Power Squadron of which he is a past commander and current instructor in celestial navigation; Annapolis Yacht Club; American College of Surgeons; American Medical Association; Pennsylvania Medical Society, Congress of Neurological Surgeons.