



Provider Course, Day 1

Alice Ho Miu Ling Nethersole Hospital Block J Lecture Theatre

Instructors: Dr. Frank Walter, Dr. Jimmy Chan, Dr. Richard Yeung

8:00am Registration and the Pretest

A. Lectures

8:00am Registration and Pretest

9:00am

Section I: General Principles of AHLS

Chapter 1: Hazardous Materials Epidemiology: Hazmat Happens

Chapter 2: Important Properties of Hazardous Materials

Chapter 3: Medical Management of Hazmat Victims

10:15am

Tea Break

10:30am

Section I: General Principles of AHLS Continued

Chapter 3: Medical Management of Hazmat Victims (cont'd)

Chapter 7: Establishing and Organizing a Hazmat Response Team

Noon

Lunch (on your own)

1:00 pm

Section II: Toxic Inhalations

Chapter 8: Irritant Gases

Chapter 9: Asphyxiants

Chapter 10: Antidotes in Detail: Normobaric Oxygen

Chapter 11: Antidotes in Detail: Hyperbaric Oxygen

Chapter 12: Antidotes in Detail: Methylene Blue

2:30pm

Section II: Toxic Inhalations (Continued)

Chapter 13: Antidotes in Detail: Amyl Nitrite

Chapter 14: Antidotes in Detail: Sodium Nitrite

Chapter 15: Antidotes in Detail: Sodium Thiosulfate

2:45pm

Section III: Pesticide Poisoning

Chapter 16: Cholinesterase Inhibitors: Organophosphates and Carbamates

Chapter 17: Antidotes in Detail: Pralidoxime

Chapter 18: Antidotes in Detail: Atropine

3:15pm

Tea Break

B. Scenarios

3:25pm Transition to Break-Out Rooms

3:35pm Interactive Case Studies

5:00pm Day One Wrap Up



Provider Course, Day 2

Alice Ho Miu Ling Nethersole Hospital Block J Lecture Theatre

Instructors: Dr. Frank Walter, Dr. Jimmy Chan, Dr. Richard Yeung

A. Lectures

- 8:15am **Section IV: Toxic Terrorism**
Chapter 22: Introduction to Nuclear, Biological, and Chemical (NBC) Terrorism
Chapter 23: Chemo terrorism: Nerve Agents
- 9:45am Chapter 24: Bioterrorism
- 10:15am **Tea Break**
- 11:30am Chapter 25: Vaccinia Vaccine
Chapter 26: Trivalent (A,B,E) Botulinum Antitoxin
Chapter 27: Heptavalent (A,B,C,D,E,F,G) Botulinum Antitoxin
- 11:55am **Lunch (on your own)**
- 12:55pm **Section IV: Toxic Terrorism**
Chapter 28: Radiological and Nuclear Incidents & Terrorism
- 1:40 pm **Section V: Corrosives, Hydrocarbons, & Halogenated Hydrocarbons**
Chapter 29: Corrosives
Chapter 30: Hydrocarbons & Halogenated Hydrocarbons
- 2:30 pm **Section VI: Miscellaneous Toxicants**
Chapter 31: Hydrazines
Chapter 32: Antidotes in Detail: Pyridoxine
Chapter 33: Hydrofluoric Acids and Fluorides
Chapter 34: Antidotes in Detail: Calcium Gluconate
Chapter 35: Antidotes in Detail: Calcium Chloride

B. Scenarios

- 3:00pm **Transition to Break Out Rooms**
- 3:05pm **Interactive Case Studies**
- 4:00pm **Tea Break**

C. Exam

- 4:15pm **Mandatory Exam and Course Evaluation and Closing Ceremony**

You will receive verification from AHLS International Headquarters in 4 – 6 weeks. Thank you.

Disclosure of Significant Relationships with Relevant Commercial Companies/Organizations

All instructors have signed a Disclosure Statement declaring they have no significant financial interest/arrangement or affiliation with any corporate organization whose products or services are being discussed in a presentation and with any commercial supporter of an activity. (Financial interest or relationship can include such things as grants or research support, employee member of a speaker's bureau, consultant, major stockholder, etc.)

Sponsors



Sponsored by the University of Arizona College of Medicine, College of Pharmacy and the Arizona Emergency Medicine Research Center at the Arizona Health Sciences Center.

Continuing Education Statement

The University of Arizona College of Medicine at the Arizona Health Sciences Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Arizona College of Medicine at the Arizona Health Sciences Center designates this educational activity for a maximum of 33.0 category 1 credits toward the AMA Physician's Recognition Award (8.0 Study Material & 16.25 Provider Course; and, 2.0 Study Material & 6.5 Instructor Course). Each physician should claim only those hours of credit that he/she actually spent in the educational activity.



The University of Arizona College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmaceutical education. Those reading the course manuals, successfully completing pre- and post-tests (80% accuracy), attending all sessions, and completing the evaluation will be awarded full credit. The AHLS Provider Course is awarded 24 contact hours (2.4 CEUs) and assigned ACPE universal program number 003-999-03-051-C04. The AHLS Instructor Course is awarded 9.5 contact hours (.95 CEUs) and assigned ACPE universal program number 003-999-03-052-C04.

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of ACEP and the Arizona ACEP chapter.

The American College of Emergency Physicians designates this education activity for a maximum of 23 hours in Category I credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

Approved by the American College of Emergency Physicians for 23 hours of ACEP Category I credit.

ACEP is accredited by the ACCME to provide continuing medical education for physicians.

This continuing education activity is approved by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) for 16.75 hours of advanced and 6 hours of educator continuing medical education. CECBEMS is an organization established to develop and implement policies to standardize the review and approval of EMS continuing education activities. The sponsoring organizations of CECBEMS are the National Association of Emergency Medical Technicians, the American College of Emergency Physicians, National Association of Emergency Medical Services Physicians, National Association of State Emergency Medical Services Directors, National Council of State Emergency Medical Services Training Coordinators, and National Registry of Emergency Medical Technicians.

Course Objectives

The **Advanced Hazmat Life Support (AHLS) Provider** program is a 16 hour, 2-day course. Upon completion, the participant will be able to:

- ◆ Demonstrate rapid assessment of hazmat patients
- ◆ Recognize toxic syndromes (toxidromes)
- ◆ Demonstrate ability to medically manage hazmat patients
- ◆ Apply the poisoning treatment paradigm
- ◆ Identify and administer specific antidotes

The **AHLS Instructor** program is a 6-hour, 1-day course. Participants will be able to:

- ◆ Define and demonstrate AHLS principles and adult education theory
- ◆ Demonstrate how to properly conduct lectures to facilitate learning