



Basic Course in Occupational Medicine, Part II Learning Objectives

A. Intro to AOCOPM, CAQ and Board of Preventive Medicine

At the end of the presentation the attendee will be able to:

- Introduce participants to the College, the CAQ and the Board of Preventive Medicine
- Preview the Basic Course in Occupational and Preventive Medicine
- Discuss Occupational Medicine as a Career
- Provide a pre-test to participants

B. ADA Regulatory Issues (Legal Issues)

At the end of the presentation the attendee will be able to:

- Become familiar with a major law which dramatically impacts the practice of Occupational Medicine.
- Determine which individuals have protection under the ADA.
- Understand the meaning of “qualified individual with a disability.”
- Determine who are “exempted employers”
- Understand the role of medical examinations, drug testing and return to work evaluations.
- Determine what is “reasonable accommodation”

C. Plastics & Pesticides

Regarding Plastics, at the end of the presentation the attendee will be able to:

- Identify the major plastics.
- Basic understanding of toxicities.
- Learn to recognize exposure opportunities.
- Develop knowledge of specialized tests.
- Gain an appreciation of the deficiency in current scientific data.

Regarding Pesticides, At the end of the presentation the attendee will be able to:

- Become familiar with the importance of these compounds
- Understand the common routes of exposure
- Learn to recognize the common clinical symptoms and signs
- Understand the implications for treatment of toxicities
- Develop strategies for prevention and surveillance

D. Physical Hazards

At the end of the presentation the attendee will be able to:

- Describe the various types of physical hazards associated with occupational exposures.
- Describe the health effects associated with those hazards.
- Describe the appropriate prevention measures to minimize health effects from physical hazards.

E. Facility Walk-Through Survey

At the end of this lecture, the student will be able to:

- Develop a strategy for conducting a workplace walk-through survey.
- Organize a format for recording essential observations.
- Consider unique characteristics of various industries in evaluating worksites.
- Consider applicable governmental regulations in their assessments.
- Effectively utilize information resources.



F. Disability/Impairment Evaluations

At the end of the presentation the attendee will be able to:

- Compare and contrast three types of disability or income replacement programs
- Review the Physician's role in the disability process
- Effectively participate in the three different programs
- Appropriately utilize Independent Medical Examiner (IME)
- Recognize the characteristics of a good IME

G. Infectious Disease/Biological Hazards

At the end of the presentation the attendee will be able to:

- Identify potential biologic hazards commonly encountered in occupational settings.
- Identify protective strategies that are available.
- Identify the relevant legal/regulatory controls
- Review the Bloodborne Pathogens Standard (OSHA)
- Review guidance on preparing workplaces for an Influenza Pandemic (OSHA)

H. Ergonomics

At the end of this lecture, the student will be able to:

- Define Ergonomics & Work Related Musculoskeletal Disorder
- Identify the Elements of an Ergonomics Process
- Explain Ergonomic Risk Factors
- Describe Causation issues
- Outline Intervention Strategies

I. Ionizing and Non-Ionizing Radiation

At the end of the presentation the attendee will be able to:

- Apply epidemiological principles in the approach to assessing exposures to radiation.
- Understand the concepts & definitions of various types of ionizing radiation (IR) and non-ionizing radiation (NIR) and distinguish the differences between the various types of exposure.
- Diagnose the biologic effects of IR in man.
- Diagnose the biologic effects of NIR in man.
- Utilize therapeutics strategies for radiation exposures