

## CME Program

### Learning Objectives:

- ✓ Outline the findings in previous studies relating air pollution to mortality risk, and define the methods used in the present study, emphasizing subject selection.
- ✓ Relate observed associations between monitored exposure to black smoke (BS) and both all-cause (non-accidental) mortality and cardio-respiratory deaths.
- ✓ Identify relationships, if any, among deaths associated with exposure to polluted air, the circumstances under which the participants live and work, and known respiratory disorders.

### Credits

The American College of Occupational and Environmental Medicine (ACOEM) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**ACOEM designates this educational activity for a maximum of one (1) hour category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.**

This CME activity is intended for occupational and environmental medicine health professionals with an interest in the diagnosis and management of work-related diseases and conditions.

To earn CME, you must answer at least 70 percent of the questions correctly. Correct answers will be published in a future issue of *JOEM*. You will receive notification of pass/fail within four weeks of receipt of your test.

JOEM, November 2004

CME Article #1

Pages 1115-1122



AMERICAN COLLEGE OF  
OCCUPATIONAL AND  
ENVIRONMENTAL MEDICINE

## CONTINUING MEDICAL EDUCATION

### November 2004 (submission deadline January 15, 2005)

#### *Do Subject Characteristics Modify the Effects of Particulate Air Pollution on Daily Mortality Among the Elderly?*

Filleul, et al.

### CME Questions

- 1 Recent studies of air pollution indicate that its short-term effects on mortality can last as long as**
  - a) 48 hours.
  - b) several days.
  - c) several weeks.
  - d) several months.
- 2 Participants in this study relating particulate air pollution (black smoke) to mortality were NOT stratified by**
  - a) age.
  - b) gender.
  - c) socioeconomic status.
  - d) urban unit.
- 3 A cumulative effect on mortality of an increase in black smoke of 10 g/m<sup>3</sup> was identified for**
  - a) all-cause (non-accidental) mortality.
  - b) cardio-respiratory mortality.
  - c) Both of these
  - d) Neither of these
- 4 Levels of black smoke on day 3 of monitored exposure were significantly associated with**
  - a) all non-accidental causes of death.
  - b) cardio-respiratory mortality.
  - c) Both of these
  - d) Neither of these
- 5 Some connection between increased levels of black smoke and a higher risk of all-cause or cardio-respiratory mortality was noted in all the following groups EXCEPT**
  - a) subjects with dyspnea.
  - b) subjects with asthma.
  - c) blue-collar workers exposed occupationally.
  - d) subjects living alone.

# ACOEM Continuing Medical Education in JOEM

## EXAMINATION ANSWERS

CME Article #1 – November 2004  
(submission deadline January 15, 2004)

*Do Subject Characteristics Modify the Effects of Particulate Air Pollution on Daily Mortality Among the Elderly? – Filleul, et al.*

**CME questions are on the previous page.**

### Question 1

A  B  C  D

### Question 2

A  B  C  D

### Question 3

A  B  C  D

### Question 4

A  B  C  D

### Question 5

A  B  C  D

## EXAMINATION EVALUATION

1. Were the stated program objectives successfully met?

Yes  No

Partially (please explain) \_\_\_\_\_

\_\_\_\_\_

2. Were the selected article and related questions relevant to your practice?

Yes

No (please explain) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Do you anticipate that your participation in this program will result in any change in your practice of occupational and environmental medicine?

Yes

No (please explain) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I certify my actual hours spent to complete this activity to be \_\_\_\_\_ hours.

Signature \_\_\_\_\_ Date \_\_\_\_\_

## PAYMENT INFORMATION

A fee of \$20 for ACOEM members/*JOEM* subscribers, and \$40 for non-members will be charged for each test.

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If paying by credit card, you may also submit the test via fax. The ACOEM fax number is:

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If you have questions about the CME process in *JOEM*, call ACOEM at **847/818-1800** and ask for the Education Department.

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