

# Palliative and End-of-Life Care (cont'd)

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## Registration

To register for the CSA CME Course in Pain Management and End-of-Life Care, Module 7, fill out this form. Then complete the test and the evaluation, and **mail or fax** all three to the CSA office at:

951 Mariner's Island Boulevard #270  
San Mateo, CA 94404

FAX: (650) 345-3269

### Pain Management and End-of-Life Care CME Course, Module 7

Available September 30, 2005, to September 30, 2008


Name \_\_\_\_\_ M.D. D.O.

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone ( ) \_\_\_\_\_

E-mail \_\_\_\_\_

- CSA Member No Fee  
 Non-CSA Physician \$25 

Total \$ \_\_\_\_\_

Please charge my:  MasterCard  Visa

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

I authorize the California Society of Anesthesiologists to charge my account for the registration.

OR

Mail with check payable to California Society of Anesthesiologists

Signature: \_\_\_\_\_

### Questions

1. The rule of double effect does not permit the use of doses of opioids or sedatives that will result in an unconscious state?
  - a. True
  - b. False
2. When using morphine in end-of-life care, respiratory depression occurs before sedation.
  - a. True
  - b. False
3. When using morphine in end-of-life care:
  - a. Mental status changes can occur from the accumulation of 3-morphine-glucuronide
  - b. Changing to another opioid requires knowledge of equal analgesic doses
  - c. Sustained release morphine will not necessarily provide adequate analgesia for activity-based pain and immediate release opioids are usually required
  - d. All of the above
4. Once a patient undergoes general anesthesia for a palliative operative procedure, the anesthesia and surgical team are obligated to perform CPR if a cardiac arrest ensues, even if the patient has expressed his/her wishes to forego resuscitation.
  - a. True
  - b. False
5. The goal of the physician in the care of the dying patient is
  - a. Comfort measures always
  - b. Active interventions to relieve suffering
  - c. Proactive measures to prevent suffering, e.g., elective tracheotomy
  - d. All of the above
6. At the end of life, the physician ultimately must make decisions for the dying patient in terms of what care is to be provided?
  - a. True
  - b. False
7. Alcohol neurolysis can provide pain relief of unremitting pain of pancreatic cancer and pelvic cancer.
  - a. True
  - b. False
8. Ketamine is useful in the treatment of end-of-life unremitting pain because it
  - a. Potentiates the action of opioids
  - b. Has serotonin and norepinephrine reuptake inhibition action
  - c. Is an NMDA receptor antagonist
  - d. Relieves anxiety
  - e. Both a and c

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9. Methadone is a useful opioid in end-of-life pain management because
- It is a long-acting opioid
  - It has NMDA receptor antagonist activity, thus it can reverse tolerance
  - It is 85 percent bioavailability by the oral route
  - Has no toxic metabolites
  - All of the above
10. The use of high doses of opioids will hasten death.
- True
  - False
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### Evaluation of Module 7

As part of the CSA Educational Programs Division's ongoing efforts to offer continuing medical education, the following evaluation of this program is requested. This is a useful tool for the EPD in preparing future CME programs.

1. How well were the learning objectives of this program met?
- |                 |   |               |   |
|-----------------|---|---------------|---|
| Very Well       | 5 | Above Average | 4 |
| Average         | 3 | Below Average | 2 |
| Not Well at All | 1 |               |   |
2. How relevant was the information in this program to your clinical practice?
- |         |   |               |   |
|---------|---|---------------|---|
| Average | 3 | Below Average | 2 |
|---------|---|---------------|---|
3. How would you rate this program overall?
- |                 |   |               |   |
|-----------------|---|---------------|---|
| Very Well       | 5 | Above Average | 4 |
| Average         | 3 | Below Average | 2 |
| Not Well at All | 1 |               |   |
4. Did you detect any commercial bias in this module?
- |     |    |
|-----|----|
| Yes | No |
|-----|----|