

MODULE

G

This module is directed toward anesthesiologists, nurse anesthetists, and others who administer anesthesia as a gas.

1. During your career (including all jobs at this and other facilities), how long have you been administering anesthesia as a gas?

- Less than 6 months
- At least 6 months but less than a year
- 1-5 years
- 6-10 years
- 11-20 years
- More than 20 years

2. When have you received formal training at this facility on procedures for the safe handling of anesthetic gases?
Please ✓ all that apply.

- During orientation for your current job or task
- Once, but not at orientation
- Periodically, but less than once per year
- At least annually (i.e., one or more times every year)
- Other (Please specify): _____
- Never received training at this facility

3. Have you seen written policies or standard procedures at this facility for working with anesthetic gases?

- Yes
- No

4. At any time in the **past 7 calendar days** did you administer anesthesia as a gas?

- Yes
- No

Skip to Question 30.



5. During the past 7 calendar days, which of the following anesthetic gases did you administer? **Please ✓ all that apply.**



- Desflurane
- Enflurane
- Halothane
- Isoflurane
- Nitrous oxide
- Sevoflurane
- Other anesthetic gases (Please specify):

- 1. _____
- 2. _____

6. During the past 7 calendar days, how many days did you administer anesthesia as a gas? Number of days.....
(Please write a number from 1-7)
7. During the past 7 calendar days, how much total time did you spend administering anesthesia as a gas? *(Include only the time these gases were actually being administered.)*
- Less than 1 hour
 - 1-10 hours
 - 11-20 hours
 - 21-30 hours
 - 31-40 hours
 - More than 40 hours
8. How does the total amount of time you spent administering anesthesia as a gas during the past 7 calendar days compare with most weeks?
- Past 7 days were about normal
 - Past 7 days were less than normal
 - Past 7 days were greater than normal
9. During the past 7 calendar days, what was the total number of times you administered anesthesia as a gas?
- 1 time
 - 2-3 times
 - 4-5 times
 - 6-10 times
 - More than 10 times
10. During the past 7 calendar days, in which of the following areas of this facility did you **ever** administer anesthesia as a gas? **Please** **all that apply.**
- a. Operating room
 - b. Specialty suite or lab
 - c. Outpatient clinic
 - d. Medical office
 - e. Dental office
 - f. Some other location (Please specify):

- 10A. From the location(s) checked above, please write the **letter** (a, b, c, etc.) corresponding to the area where you most often administered anesthesia as a gas during the past 7 calendar days. Area most often administered

11. During the past 7 calendar days, did you administer anesthesia as a gas to **adult** patients? (*We consider adult patients to be 13 years of age or older.*)
- Yes
 No  **Skip to Question 15.**
12. During the past 7 calendar days, to how many **adult** patients did you administer anesthesia as a gas **starting with a face mask and then switching to an airway device** (i.e., endotracheal tube, tracheostomy tube or laryngeal mask)?
- None
 1-2 adults
 3-4 adults
 5-9 adults
 10-20 adults
 21-40 adults
 More than 40 adults
13. During the past 7 calendar days, to how many **adult** patients did you administer anesthesia as a gas **using only a face mask** throughout the entire period?
- None
 1-2 adults
 3-4 adults
 5-9 adults
 10-20 adults
 21-40 adults
 More than 40 adults
14. During the past 7 calendar days, to how many **adult** patients did you administer anesthesia as a gas **using only an airway device** throughout the entire period (i.e., endotracheal tube, tracheostomy tube or laryngeal mask)?
- None
 1-2 adults
 3-4 adults
 5-9 adults
 10-20 adults
 21-40 adults
 More than 40 adults
15. During the past 7 calendar days, did you administer anesthesia as a gas to **pediatric** patients? (*We consider pediatric patients to be 12 years of age or younger.*)
- Yes
 No  **Skip to Question 19.**
16. During the past 7 calendar days, to how many **pediatric** patients did you administer anesthesia as a gas **starting with a face mask and then switching to an airway device** (i.e., endotracheal tube, tracheostomy tube or laryngeal mask)?
- None
 1-2 children
 3-4 children
 5-9 children
 10-20 children
 21-40 children
 More than 40 children

17. During the past 7 calendar days, to how many **pediatric** patients did you administer anesthesia as a gas **using only a face mask** throughout the entire period?
- None
 - 1-2 children
 - 3-4 children
 - 5-9 children
 - 10-20 children
 - 21-40 children
 - More than 40 children
18. During the past 7 calendar days, to how many **pediatric** patients did you administer anesthesia as a gas **using only an airway device** throughout the entire period (i.e., endotracheal tube, tracheostomy tube or laryngeal mask)?
- None
 - 1-2 children
 - 3-4 children
 - 5-9 children
 - 10-20 children
 - 21-40 children
 - More than 40 children
19. During the past 7 calendar days, how often was a scavenging system used when you administered anesthesia as a gas?
- Always
 - Sometimes
 - Never
 - System not available
20. During the past 7 calendar days, did you **personally** fill the vaporizer?
- Yes
 - No  Skip to Question 23.
21. During the past 7 calendar days, how often did you fill the vaporizer by pouring directly from the bottle?
- Always
 - Sometimes
 - Never
 - System not available
22. During the past 7 calendar days, how often did you fill the vaporizer using a specialized "key-fill" spout?
- Always
 - Sometimes
 - Never
 - System not available
23. During the past 7 calendar days, did you administer anesthesia as a gas in a **dental clinic or operatory**?
- Yes
 - No  Skip to Question 26.

- 24. During the past 7 calendar days while administering anesthetic gases in a dental clinic or operatory, how often did you use a patient nasal hood?
 - Always
 - Sometimes
 - Never
 - System not available

- 25. During the past 7 calendar days, while administering anesthetic gases in a dental clinic or operatory, how often did you use a free standing auxiliary local exhaust system in conjunction with the scavenging system?
 - Always
 - Sometimes
 - Never
 - System not available

- 26. During the past 7 calendar days, what was the typical amount of time you spent **each day** working with patients in a Post Anesthesia Care Unit (PACU) or primary Surgical Recovery Unit (SRU)?
 - None
 - Less than 30 minutes
 - 30-60 minutes
 - 1-4 hours
 - 5-8 hours
 - More than 8 hours

The following questions pertain to the use of personal protective equipment (PPE) during the administration of anesthetic gases.

- 27. During the past 7 calendar days, how often did you wear **respiratory protection**, not including a surgical mask, while administering anesthetic gases?
 - Always
 - Sometimes
 - Never

- 28. What type(s) of respirator(s), not including a surgical mask, did you use? **Please ✓ all that apply.**
 - Half mask or full-face piece respirator with replaceable cartridges
 - Powered air-purifying respirator (PAPR)
 - Supplied-air respirator
 - Don't know

Skip to Question 29.

During the past 7 calendar days, if you ALWAYS wore respiratory protection, not including a surgical mask while administering anesthetic gases, skip to Question 30.

29. What were the reason(s) you did not always wear **respiratory protection**, not including a surgical mask, while administering anesthetic gases?
Please ✓ all that apply.

- 1. Potential for exposure to anesthetic gases is insignificant
- 2. Exposure to anesthetic gases is possible but the health hazard is insignificant
- 3. An engineering control (e.g., exhaust ventilation or an enclosure) is already being used
- 4. Not required by employer
- 5. Not provided by employer
- 6. Not standard practice
- 7. Too uncomfortable or difficult to use
- 8. Not readily or always available in work area
- 9. Concerned about raising the patient's anxiety.
- 10. Other (Please specify): _____

29A. From the reason(s) checked above, please write the number (1, 2, 3, etc.) of the one **most important reason** you did not always wear **respiratory protection** while administering anesthetic gases.

Most important reason

**You have now completed this module.
Thank you.**