

# **NITROUS OXIDE & ORAL SEDATION ON THE DENTAL PATIENT**

**A Dental Continuing Education Program  
by  
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## **LEARNING OBJECTIVES**

Upon completion of the course, the participant should be able to:

- 1) understand the states of anesthesia as recognized by the ADA and ASA
- 2) understand the two major components of human physiology that contribute to survival: the cardiovascular system and the respiratory system
- 3) understand the pharmacology of nitrous oxide
- 4) understand the properties of nitrous oxide
- 5) understand the causes of dental fear and evaluation of which patients are favorable candidates for sedation
- 6) understand operation of the equipment used in nitrous oxide sedation
- 7) understand an appropriate protocol to sedate a patient: pre-treatment through dismissal
- 8) understand the complications associated with nitrous oxide sedation, techniques to avoid them and appropriate responses should they occur
- 9) understand an effective technique to augment the efficacy of nitrous oxide sedation with oral sedation
- 10) demonstrate competency of nitrous oxide sedation

## **COURSE OUTLINE**

- I. Permission: knowing the states of anesthesia and limits of nitrous oxide
- II. Physiology: knowing our patient
- III. Pharmacology: knowing about nitrous oxide
- IV. Properties: knowing the effects of nitrous oxide
- V. Psychology: knowing which patient to select
- VI. Products: knowing the equipment
- VII. Protocols: knowing what to do
- VIII. Problems: knowing complications and responses
- IX. Pediatrics: knowing how to treat the child patient
- X. Potency: knowing how to get a stronger effect
- XI. Practice: knowing if you are competent

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