



**PROCEDURAL SEDATION COURSE
PRE-COURSE MATERIAL**

OUTLINE

Section I: Definition and Indications

- 1) Definition of procedural sedation
 - a. Spectrum of Sedation
- 2) Indications
- 3) Contraindications

Section II: Preparation and Planning

- 1) Patient Assessment
 - a. History
 - b. Focused Physical Exam
 - i. Vitals
 - ii. Cardio-Respiratory
 - iii. ASA Physical Status assignment
- 2) Detailed Airway Assessment
 - a. Predictors of Difficult Bag-Mask Ventilation (MOANS)
 - b. Predictors of a Difficult Intubation (LEMON)
- 3) Fasting Status – What is the evidence and what are the guidelines?
- 4) Monitoring
 - a. Equipment Required
 - b. Personnel Required
 - c. How to monitor during procedural sedation
 - d. Evidence behind monitoring
- 5) Discharge Criteria

Section III: Pharmacology

- 1) Goals of Medication Choices
 - a. Provide Analgesia
 - b. Provide Sedation
- 2) The Ideal Drug
 - a. The 3 P's
 - 1) The Patient
 - 2) The Practitioner
 - 3) The Procedure
- 3) Administration Considerations
- 4) Medication Choices
 - a. Fentanyl
 - b. Midazolam
 - c. Ketamine
 - d. Propofol

Section IV: Complication

1) Complications

- a. When do they occur?
- b. What are common complications?
 - i. Respiratory Depression
 - ii. Hypotension
 - iii. Vomiting
 - iv. Emergence Reactions

2) Reversal Agents

- a. Narcan
- b. Flumazenil