Review **safety** principles and practices in the endoscopy setting, including:

- Hand-off report, including medications given and amount of each
- Fall risk for all who receive sedation
- Fall precautions, advise patient of risk, keep cords out of the way
- Safety during fluoroscopy, monitoring devices
- Labeling specimens, two-person check
- Labeling syringe, include when medication drawn up or expires
- Patient identifiers
- Swallowing reflex returns after upper scope procedure
- Time Out, to include correct patient and procedure

Review **assessment and nursing actions** related to situations commonly encountered in endoscopy, such as:

- Abdominal assessment, belly soft
- Aldrete Score, especially circulation and consciousness
- Blood transfusion reaction
- Obtain blood glucose pre-procedure for patient who has diabetes
- IV site selection, most distal vein for ordered fluids or medications
- Measures to assist patient to expel gas
- O₂ sats in 80%, first arouse and encourage deep breath
- Pain assessment, the patient’s description and nonverbal signs; common cause of abdominal pain, gas in intestine
- Procedural sedation, during and after: monitor continuously and document; monitor respiratory rate and O₂ saturation
- Pulse oximeter, troubleshoot discrepancy between assessment and O₂ sat reading
- Respiratory rate 6 breaths/minute post procedure, prepare to administer naloxone (Narcan®)
- Respiratory rate 9 breaths/minute, monitor closely
- Recognition of need to reverse opioids and benzodiazepines
- Screening pre-procedure, cancel if patient has received enoxaparin (Lovenox®) recently
- Vomiting while somnolent: suction, turn to left side, raise head of cart

Review action, indications, calculations, precautions, and monitoring related to **medications** commonly administered in endoscopy, such as:

- Benzodiazepines, risk for falling
- Enoxaparin (Lovenox®)
- Fentanyl, calculate mL to obtain ordered dose in mcg
- Flumazenil (Romazicon®) to reverse benzodiazepines such as midazolam (Versed®)
- Glucagon calculate mL to obtain ordered dose in mg
- Midazolam (Versed®) calculate mL to obtain ordered dose in mg
• Naloxone (Narcan®)
• Propofol, question order when dose is higher than recommended

Review **infection prevention** practices especially pertinent in the endoscopy setting, such as:

• Handwashing rather than sanitizer when the patient has C. diff
• Cleanse IV insertion site with alcohol and allow to dry

Review **ECG rhythm strip interpretation**, especially:

• A-fib
• NSR with multifocal PVCs
• V-fib and correct response
• V-tach

A great source for ACLS protocol review is [www.acls.net](http://www.acls.net)

A great source for rhythm review is the RN.com course [Telemetry Interpretation](http://rn.com)

Also recommended:

• ECG Library (Jenkins, J & Gerrend, S., 2009)

Review principles and practices of **patient teaching/communication** pertinent to the endoscopy setting, such as:

• Patient satisfaction, importance of communication
• Explain to patient the reason for choice of IV site