

Supplementary Table 1. Key Questions Suggested Initially

Before sedation	Is it valid that medical staffs directly related to administration of sedatives obtain informed consent from patients undergoing endoscopic sedation?
	Should patients be accompanied by a caregiver when presenting for endoscopic sedation?
	Does fasting at the same level as general anesthesia lower the risk of aspiration in patients undergoing endoscopic sedation?
	Is assessing the patient's physical status using ASA physical status class effective in preventing AEs of endoscopic sedation?
	Is assessing the patient using Mallampati score effective in risk stratification of hypoxia and in difficulty evaluation of intubation for the prevention of AEs in endoscopic sedation?
	Is time out before sedation necessary for patients' safety in patients undergoing endoscopic sedation?
	Is consulting to anesthesiologist for patients with ASA classification 3 or more effective in preventing AEs of endoscopic sedation?
	Is at least 1 medical staff to be trained in advanced life support effective to be able to deal with the patients' AEs?
	Can pregnancy test prevent unnecessary sedation-related AEs in woman of childbearing ages who is undergoing endoscopic sedation?
During sedation	Can equipping with defibrillator and cardiopulmonary resuscitation equipment prevent fatal sedation-related AEs?
	Is having exclusive sedation monitoring personnel necessary in patients who are requiring sedation?
	Is having exclusive sedation monitoring personnel necessary in patients who are requiring propofol sedation?
	Is having exclusive sedation monitoring personnel necessary in patients who are requiring deep sedation?
	Is supplemental oxygen administration necessary for patients undergoing endoscopic sedation?
	What is the adequate method of patient monitoring in endoscopic sedation?
	Is continuous ECG monitoring necessary in endoscopic sedation?
	Is end-tidal capnography monitoring necessary in endoscopic sedation?
After sedation	What is the adequate method of assessment of level of consciousness in patients who are undergoing endoscopic sedation?
	What are needed in recovery room?
	What is the adequate method of patient monitoring in recovery room?
	What is the adequate method to assess a patient's degree of recovery in a recovery room?
	Is there any adequate criteria to discharge the patient after endoscopic sedation?

AE, adverse event; ASA, American Society of Anesthesiologists; ECG, electrocardiography