



Department of Surgical Gastroenterology

**Jawaharlal Institute of Post Graduate Medical Education and Research (JIPMER),
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Intensive care unit (ICU)

DEPARTMENT OF SURGICAL GASTROENTEROLOGY

Surgical Gastro Enterology intensive care unit shortly called as SGE ICU (146A/SSB18) is a state of the art surgical care facility. It is situated in the first floor ICU Complex of Super specialty Block .It is a air conditioned 6 bedded intensive care unit exclusively for critically ill patients and post-operative patients with gastrointestinal surgical ailments. SGE ICU provides individualized continuous medical attention.

It has the facility of cardiac respiratory monitors for each bed along with oxygen, air and suction supply. Apart from this it has three mechanical ventilators (Carefusion USA, Neumovent Schiller), infusion syringe pumps, aerosol nebulizers, bair-hugger warmer& thermocare disposable warmer blankets, PCA syringe pump & disposable ambulatory PCA pumps to manage all the needs of a critically ill patient. It also has 12 lead ECG equipment & a defibrillator for cardioversion. The prosound HITACHI ultrasound machine helps in bed side imaging. CT and MRI Image viewing through PACS helps for quick decision making and interventions for critically ill patients. Fully equipped emergency cart makes it possible to face any kind of medical emergencies that may arise in the ICU. Appropriate storage of medicines is ensured by a 277 liter storage capacity refrigerator. A 500ml hand rub in all bedsides, segregation of bio-medical wastes at source, needle burner and sharp container help to fight against hospital acquired infections and ensures personnel safety.

Patient's nutritional needs are calculated by a full time dietitian. Enteral feeding is promoted, parenteral nutrition support is provided when needed. SGE ICU is provided with an induction cooker and a mixer grinder for customized food preparation.

The SGE team including the faculty rounds twice a day that helps in early interventions and treatment planning. One senior resident is stationed in ICU round the clock. There are totally ten staff nurses, two in charge sisters and one nursing orderly in ICU who render excellent nursing care. Nursing rounds are done three times a day apart from continuous nursing care. Many standard operating procedures (SOPs) and checklists including quality rounds checklist (QRC) are being followed. Learning atmosphere is created among staff nurses by promoting continuing nursing education by formal presentations weekly and bed side teaching daily. Handover protocols ensures effective information transfer during duty shifts. HIS (Hospital information system) connectivity in ICU help to retrieve real time information, digitalize patient records and foster patient's privacy. Twice daily status report of the patient's condition will be provided to the relatives. The Notice board outside ICU displays the ongoing events as well as provides patient family education regarding disease conditions, management, and home care.

Resources are optimized to save the cost without compromising care, efficacy and safety. All the events in the ICU are audited through weekly morbidity mortality meetings at the departmental level.