

SE08 - Surgery & Anesthesia Services

8.1 - Management and staffing

8.1.1 - The surgery and anesthetic services are managed and performed by qualified care providers.

8.1.1.1 - Anesthesia is administered by a qualified anesthesiologist, who operates within their in-country accepted scope of practice.

8.1.1.2 - The theatre and recovery area is managed by a designated professional, who is suitably qualified and/or experienced.

8.1.1.3 - Surgery is performed and assisted by qualified staff who operate within their in-country accepted scope of practice.

8.1.1.4 - Recovery room care is provided by authorized qualified staff who operate within their in-country accepted scope of practice.

8.1.2 - Surgical services are planned and coordinated.

8.1.2.1 - Operating theatre rosters ensure that qualified staff is present for theatre duties and anesthetic assistance.

8.1.2.2 - Surgery is planned and communicated with the relevant caregivers.

8.1.2.3 - The recovery room nurses are allocated for the entire recovery period.

8.1.2.4 - There is an on-call roster for emergency surgery with set response time frame.

8.2 - Preoperative care

8.2.1 - Prior to surgery, all relevant information is recorded to ensure safe practices.

8.2.1.1 - A medical assessment is done by the responsible surgeon prior to surgery.

8.2.1.2 - Informed consent is obtained prior to surgery and anesthesia.

8.2.1.3 - A standardized anesthetic assessment by the anesthesiologist is done prior to surgery.

8.2.1.4 - A standardized nursing assessment is done prior to surgery.

8.2.2 - Appropriate care is made for patients awaiting surgery.

8.2.2.1 - There is a preoperative area (surgery preparation room) for patients awaiting surgery.

8.2.2.2 - The preoperative area is suitably equipped.

8.2.2.3 - There's a document guiding staff in preoperative monitoring of vital signs.

8.2.2.4 - The preoperative monitoring of vital signs is recorded.

8.2.3 - Staff is guided through an appropriate verification process for all patients prior to sedation and/or anesthesia.

8.2.3.1 - There is a document guiding staff in identifying patients, checking informed consent, and verifying nature and site of operation prior to sedation.

8.2.3.2 - Any allergies and administration of preoperative medication (e.g. prophylactic antibiotics 60 min prior to surgery) is verified.

8.2.3.3 - The last oral intake is verified prior to sedation.

8.2.3.4 - A designated nurse/nurse in charge completes a checklist to ensure all staff and equipment is ready for surgery.

8.3 - Operative care

8.3.1 - There are adequate assets in the operating theatre for providing safe care.

8.3.1.1 - There is a functional operating theatre table.

8.3.1.2 - There is a good theatre lamp with a system that ensures continuous power supply.

8.3.1.3 - There is adequate ventilation and temperature control in the operating theatre.

8.3.1.4 - Equipment to cool patients or minimize heat loss is available.

8.3.2 - There is adequate access to medication and supplies in each theatre.

8.3.2.1 - The healthcare facility has emergency trolley supplies for the exclusive use of the anesthesiologist in each theatre.

8.3.2.2 - There is safe and adequate storage space for pharmaceutical and surgical supplies in the operating theatre.

8.3.2.3 - Medication in the operating theatre is kept at the temperature as described by manufacturer.

8.3.2.4 - Expiry dates of medication and supplies are checked regularly.

8.3.3 - Staff is guided in the provision of anesthetic drugs and mixtures.

8.3.3.1 - There is a document which guides staff in the preparation and use of anesthetic mixtures and in procedural sedation (previously referred to as conscious sedation).

8.3.3.2 - The procedures used comply with the current guidelines of a professional society or similar reputable professional body.

8.3.3.3 - Staff is orientated/can explain the guidelines.

8.3.3.4 - All anesthetic agents and mixtures are documented in the patient's record.

8.3.4 - Staff is guided in the use of anesthesia delivery systems and breathing circuits.

8.3.4.1 - A breathing system (oxygen) is available to meet the patient needs, and is clean and in good condition.

8.3.4.2 - There is a document/instructions which guides staff in appropriate usage of the equipment, including cleaning procedure.

8.3.4.3 - The breathing system is included in the general maintenance activities or program.

8.3.4.4 - Records of maintenance activities are available.

8.3.5 - Staff is guided in the use of ancillary equipment.

8.3.5.1 - Sufficient ancillary equipment is available to meet the patient needs, and is clean and in good condition.

8.3.5.2 - The ancillary equipment is in compliance with current national or international guidelines of a professional society.

8.3.5.3 - There are instructions which guides the staff in the appropriate usage of the equipment, including cleaning procedure.

8.3.5.4 - Staff is properly trained and can explain the guideline.

8.3.6 - Staff is guided in the process of monitoring patients during surgery.

8.3.6.1 - The anesthesia/sedation used and the results of monitoring are entered in the patient's anesthetic record and signed.

8.3.6.2 - A qualified individual monitors the patient during the entire period of sedation and/or anesthesia.

8.3.6.3 - Adequate monitoring equipment is available to meet the patient needs, and is clean and in good condition.

8.3.6.4 - There is a document/instructions which guides the staff in appropriate usage of the monitoring equipment, including cleaning procedure.

8.3.7 - Routine procedures during and post-surgery are implemented and documented.

8.3.7.1 - A surgical count of swabs, needles and sharps is performed before incision and prior to cavity closure.

8.3.7.2 - There is a system for obtaining blood from and sending specimens to the laboratory and timely receiving results.

8.3.7.3 - A summary of the operation is recorded in the patient file immediately after surgery.

8.3.7.4 - A summary of the postsurgical plan is recorded in the patient file.

8.3.8 - Staff is guided in emergency situations and resuscitation.

8.3.8.1 - Emergency resuscitation equipment and supplies are available.

8.3.8.2 - Emergency and resuscitation equipment and supplies have clearly defined instructions for use and staff is trained.

8.3.8.3 - Emergency resuscitation equipment is in working order and regularly checked.

8.3.8.4 - There is a telephone/intercom to communicate with persons outside the anesthetizing location.

8.3.9 - When radiation is used, sufficient safety measures are implemented.

8.3.9.1 - Sufficient PPE is available to protect staff from radiation.

8.3.9.2 - There is a document guiding staff when and how to use PPE in the presence of radiographic equipment.

8.3.9.3 - Staff can explain the proper use of radiation related PPE.

8.3.9.4 - Hazard or warning notices are displayed.

8.4 - Postoperative care

8.4.1 - There are adequate equipment/resources in the recovery area for providing safe care.

8.4.1.1 - Sufficient recovery room equipment is available to meet the patient needs, and appears clean and in good condition.

8.4.1.2 - There is an adequate number of recovery beds and sufficient bedlinen for the patients coming from the operating theatre.

8.4.1.3 - There is a document/instructions which guides staff in appropriate usage of the equipment, including cleaning procedure.

8.4.1.4 - Staff is oriented/can explain guideline.

8.4.2 - Patients are monitored during recovery and discharged when appropriate.

8.4.2.1 - Monitoring findings during recovery period are recorded and signed.

8.4.2.2 - There is a document/standardized form which guides staff in monitoring patients during the recovery period.

8.4.2.3 - Established criteria are used to make decisions regarding the patient's discharge from the recovery room.

8.4.2.4 - The anesthesiologist signs the discharge forms for approval.

8.5 - Infection prevention and control (IPC)

8.5.1 - The design and access control of the surgery units are adequate for preventing infections.

8.5.1.1 - The design of the operating theatre and surrounding/assisting spaces provides space for the reception, anesthesia, surgery and the recovery of patients.

8.5.1.2 - Access to the theatre facility is controlled.

8.5.1.3 - Changing rooms are provided with wash and shower facilities and personal belongings can be stored safely.

8.5.1.4 - There is a disinfection area, with stainless steel sinks, running water, and a sewage system.

8.5.2 - Staff is guided in adequate prevention of inter-personal transmission of infections.

8.5.2.1 - Theatre staff is guided in the use of theatre clothing and PPE.

8.5.2.2 - Clean theatre clothes and PPE are available, are in good condition and are used correctly by theatre staff.

8.5.2.3 - Hand hygiene and handwashing guidelines (including scrub) are available.

8.5.2.4 - Staff is orientated/can explain the handwashing processes and there is monitoring of correct handwashing.

8.5.3 - Staff is guided in adequate cleaning and disinfection measures.

8.5.3.1 - There is a procedure that describes cleaning and disinfection practices for all equipment and surfaces in the operation theatre and related areas and staff is aware.

8.5.3.2 - A cleaning schedule is available and kept current.

8.5.3.3 - Sufficient cleaning materials (e.g. various colors of mops) are available and stored appropriately.

8.5.3.4 - Staff (including cleaning staff) is orientated and trained on the cleaning and disinfection procedures.

8.5.4 - The design and facilities of the sterilization area are adequate.

8.5.4.1 - The sterilization area(s) enable a workflow from soiled to clean and areas for dirty, clean and sterile equipment/materials are clearly demarcated.

8.5.4.2 - There is access to sterilization equipment (autoclave or equivalent) which is functional and sufficient for the workload.

8.5.4.3 - There is sufficient storage capacity for sterilized materials.

8.5.4.4 - The area where sterilized materials are stored is well ventilated.

8.5.5 - Staff is guided in sterilization procedures to prevent infections.

8.5.5.1 - Staff is aware of correct wrapping, handling and checking sterility of packs.

8.5.5.2 - The date of sterilization is recorded on the sterile pack.

8.5.5.3 - Autoclave sterility is tested daily and the results are recorded.

8.5.5.4 - All relevant staff is orientated and trained in disinfection and sterilization procedures.