KEIT DAY HOSPITAL

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TIVA Anesthesia and Perioperative Monitoring Protocol

Official Manual of Clinical, Care and Organizational Protocols

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Prepared by	Medical Directorate / Quality	**Approved by**	_____
Signature and Date	_____	**Distribution**	Controlled - Internal Use

Purpose of the document. To officially define the scope, responsibilities, operating procedure, KEIT standards, records and protocol review criteria.

1. Document Control Information

Application	All clinical, nursing, technical and organizational personnel involved in the described process.
Archiving	KEIT internal document management system and controlled copy in the relevant areas.
Review	At least annually or earlier in the event of regulatory, organizational or technological updates.

1. Scope of Application

Applicable to patients undergoing general anesthesia using the TIVA technique in the KEIT operating block.

2. Responsibilities

- **Anesthesiologist:** preoperative assessment, induction, maintenance, emergence and management of any complications.
- **Anesthesia nurse:** preparation of medications and equipment, and support with monitoring.
- **Surgeon:** coordination with the anesthesia team during the procedure.

3. Operating Procedure

- Confirm the patient's identity, fasting status, allergies, anesthesia consent and airway assessment.
- Prepare medications, infusion pumps, monitors and emergency equipment before the patient enters the operating room.
- Induce anesthesia according to the individualized anesthesia plan; under the standard KEIT technique, the protocol includes propofol, fentanyl and rocuronium/norcuron for induction.
- Maintain anesthesia with a titrated continuous infusion; in the KEIT TIVA pathway, maintenance includes propofol and remifentanil infusion through dedicated pumps.
- Continuously monitor oxygenation, ventilation, circulation, temperature, clinical depth of anesthesia and hemodynamic response.
- Administer antiemetic prophylaxis and multimodal analgesia according to the individual risk profile.
- Perform extubation and transfer to recovery only after the safety criteria have been met.

4. KEIT Operational Standards

- KEIT uses total intravenous anesthesia with dedicated infusions and continuous monitoring as its reference technique.
- Infusion pumps are prepared and checked before every case.
- Prevention of postoperative nausea and vomiting is integrated into the anesthesia plan.

5. Records and Documentation

- Anesthesia record.
- Pre-use checklist for anesthesia equipment.
- Medication and infusion pump register.
- Recovery/PACU monitoring chart.

6. Review and Updates

Annual update or following review of the internal anesthesia pathway.

Implementation Note

This document is an internal operational draft. Before final adoption, review by the Medical Directorate, Clinical Directorate, Legal Advisor and the relevant department managers is recommended.

7. Related Attachments and Forms

- Check-list operative, moduli di registrazione, schede di audit e registri di manutenzione applicabili al presente protocollo.
- Eventuali allegati tecnici specifici di reparto o di apparecchiatura sono richiamati nelle istruzioni operative locali.

8. Final Approval

Position	Name and Signature	Date
Medical Directorate	_____ _____	_____