Patients for laparoscopic colorectal surgery

Pre-operative assessment of eligibility

Exclusion Criteria
1. Patient’s refusal to participate
2. Allergy for local anaesthetics
3. Chronic opioid use
4. Liver dysfunction
5. Renal insufficiency
6. Epilepsy
7. Psychomotoric retardation
8. BMI>40
9. Sleep apnea
10. Cardiac rhythm disorders

Inclusion Criteria
1. Age between 18-75 years
2. Elective laparoscopic colorectal surgery
3. ASA I - III

Obtainment of written informed consent
Baseline assessment

Randomization (after induction of anesthesia)

Surgical procedure

PCIA

TAP block

Systemic lidocaine

Primary outcome parameter:
Cumulative morphine consumption during the first 24 postoperative hours

Secondary endpoints:
1) Postoperative NRS-scores (day 0-3)
2) Time to first analgesia
3) Time to return of intestinal function (defined as the time to first flatus and the time to the First post-operative intake of solid food)
4) Time to first mobilization
5) Incidence of post-operative nausea and vomiting during the first 24 hours
6) Length of stay on the PACU and in the hospital
7) Postoperative morbidity as quantified by the Clavien-Dindo classification
8) Perioperative inflammatory response