

## **A Comparison of Efficacy of Two Drugs Combinations of 0.0625% Levobupivacaine with Fentanyl and 0.1% Ropivacaine with Fentanyl for Postoperative Analgesia after Cytoreductive Surgery with Hyperthermic Intraperitoneal Chemotherapy (Crs + Hipec)**

**Authors :** Vishal Bhatnagar

**Abstract :** The objective of this study is to compare the efficacy of epidural analgesia of two amide local anesthetics, ropivacaine and levobupivacaine, with fentanyl for postoperative analgesia in major abdominal surgery CRS+HIPEC. Cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (CRS+HIPEC) are done for primary peritoneal malignancies or peritoneal spread of malignant neoplasm. CRS and HIPEC are considered one of the most painful surgery among all major abdominal surgeries. Poorly managed postoperative pain elevates stress, increases anxiety, causes prolonged Hospital stay, increases opioid requirement and side effects, increases the cost of treatment and psychological effects on patient and family. It affects the quality of life of patients. The epidural technique provides better postoperative analgesia, earlier recovery of bowel function, fewer side effects, higher patient satisfaction, and an improvement in life quality in the postoperative days after abdominal surgery than other analgesic techniques.

**Keywords :** HIPEC, postoperative analgesia, cytoreductive surgery, VAS score, rescue analgesia

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