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| **Goal-directed fluid therapy-group** | **Control-group 1** |
| **Preoperative**  *Bowel preparation*  **-**  *Fasting (LR): replacement for each hr of fasting*  **-**  **Intraoperative**  *Compensatory intravascular volume expansion (LR)*  -  *Maintenance*  1.5 ml Kg-1 h-1  *Third space*  *-*  *SV optimization*  200 ml Voluven® based on the GDFT algorithm  **PACU**  1.5 ml Kg-1 h-1  **Surgical Unit**  Standardized orders as per colorectal ERAS program:  LR 15 ml h-1 until morning day 1  LR discontinued on day 1 | **Preoperative**  *Bowel preparation (if received)*  27 ml Kg-1*\**  *Fasting (LR): replacement for each hr of fasting*  4 ml Kg-1 h-1 first 10 Kg BW  2 ml Kg-1 h-1 second 10 Kg BW  1 ml Kg-1 h-1 each additional Kg BW  **Intraoperative**  *Compensatory intravascular volume expansion (LR)*  5 ml Kg-1  *Maintenance*  4 ml/Kg/h first 10 kg BW  2 ml/kg/h second 10 Kg BW  1 ml/Kg/h each additional Kg BW  *Third space*  4 ml/Kg/h  *Hemodynamic optimization*  LR or Voluven® based on standard hemodynamic variables  **PACU**  1.5 ml Kg-1 h-1  **Surgical Unit**  Standardized orders as per colorectal ERAS program:  15 ml h-1 until morning day 1  LR discontinued on day 1 |

**Table A**. Perioperative fluid management in the Goal-directed fluid therapy group and in the control group.

**Table A**. BW=Body Weight; ERAS= Enhanced Recovery After Surgery; LR= Lactated Ringer’s®; PACU = Post Anesthesia Care Unit; SV = Stroke Volume.

**References**

1. Miller RD, Eriksson LI, Fleisher LA, Wiener-Kronish JP, Young WL: Intravascular Fluids and Electrolytes Physiology, Miller's Anesthesia, 7th ed. , Elsevier Churchill Livingstone, Philadelphia. , 2010, pp 1705-1730