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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 1LR 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 BW2 ml Kg-1 h-1 second 10 Kg BW1 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 BW2 ml/kg/h second 10 Kg BW1 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 1LR 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