Title: The Effect of Intraoperative Restricted Normal Saline during Orthotopic Liver Transplantation on Amount of Administered Sodium Bicarbonate

Learning objectives:
By studying this paper the readers will be able to:
1. Understand the acid-base disturbance during liver transplantation surgery.
2. Understand the approach to acid-base disturbance in complicated situations such as liver transplantation surgery.
3. Understand the complications of sodium bicarbonate therapy.
4. Understand the main management of lactic acidosis.
5. Understand the strong ion differences and their effects on acid-base disturbances.
6. Understand the effect of different types of intravenous fluids on acid-base disturbances.
7. Understand the hemodynamic changes during liver transplantation surgery.

Target groups:
General anesthesiologists; Intensivists; Fellowships of intra-abdominal organ transplantation anesthesiologists; Fellowships of intra-abdominal organ transplantation surgeons