**Fluid Stewardship References**

Special Guest: Anthony Hawkins, PharmD, BCCCP

**General/Background Readings**


**Studies Discussed During the Episode**


**Additional/Future Studies**

Crystalloid Liberal or Vasopressors Early Resuscitation in Sepsis (CLOVERS) [https://clinicaltrials.gov/ct2/show/NCT03434028](https://clinicaltrials.gov/ct2/show/NCT03434028)

Role of active deresuscitation after resuscitation-2 (RADAR-2) [https://clinicaltrials.gov/ct2/show/NCT03512392](https://clinicaltrials.gov/ct2/show/NCT03512392)

Furosemide and albumin for diuresis of edema: a pilot randomized controlled trial (FADE) [https://clinicaltrials.gov/ct2/show/NCT02055872](https://clinicaltrials.gov/ct2/show/NCT02055872)
Tonicity of perioperative maintenance solutions (TOPMAST-1) [https://clinicaltrials.gov/ct2/show/NCT03080831]

Metabolism of isotonic versus hypotonic maintenance solutions in fasting healthy adults (MIHMoSA) [https://clinicaltrials.gov/ct2/show/NCT02822898]