The efficacy of prehospital IV fluid management in severely injured trauma patients: a systematic review and meta-analysis

Take Home Message: Standard fluid resuscitation has no mortality benefit over low/no IV fluid strategy in hypotensive trauma.

A systematic review and meta-analysis was performed:

Seven studies (one RCT, 6 observational) were included:

- **P** Severe (sBP < 90) blunt or penetrating trauma
- **I** Low-dose/no IV fluids
- **C** Standard resuscitation
- **O** Mortality (30d, all-cause)

10,073 patients included

RR 0.99 95% CI [0.80 - 1.22]  I² = 54%

NO mortality difference at 30 days

Current guidelines challenge prehospital fluid resuscitation in trauma: a common practice

Hébert et al. CJEM. Mar 2023
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Infographic by: S Wilson, MD