**Association of Catecholamine Dose, Lactate, and Shock Duration at Vasopressin Initiation With Mortality in Patients With Septic Shock**

**QUESTION**
What is the effect of catecholamine dose, lactate concentration & time of shock onset at vasopressin (VP) initiation with in-hospital mortality?

**DESIGN AND POPULATION**
Retrospective, multi-hospital observational study

Septic shock + lactate >2 mmol/L at time of VP initiation (n = 1610)

**RESULTS**

- **↑ in-hospital mortality**
  - for every 10 μg/min ↑ in NE dose up to 60 μg/min at time of VP initiation

- ↑ Lactate concentration at time of VP initiation
  - Associated with ↑ in-hospital mortality

**CHARACTERISTICS**
At time of VP initiation

- 3.9 mmol/L Lactate concentration
- 25 μg/min NE-dose equivalent
- 5.3 hours Time from shock onset

**CONCLUSION**
↑ NE-equivalent dose & ↑ lactate at VP initiation were each associated ↑ in-hospital mortality in patients with septic shock who received VP