

# What Is the Association of Pregnancy With Critical Illness Outcomes?



## STUDY DESIGN

**Retrospective cohort study of women** (aged 18 to 55 years) admitted with sepsis or requiring mechanical ventilation **with in-hospital mortality (1° outcome) and propensity matched for pregnancy** in hospital database from 2008 to 2021

## RESULTS

Unadjusted mortality in propensity-matched pairs



 <p><b>Mech Vent</b> N=3,093</p>	8.0%	13.8%
 <p><b>Sepsis</b> N=13,002</p>	1.4%	2.3%



In adjusted regression, pregnancy associated with



**In-Hospital Mortality**



**Mech Vent**  
OR, 0.50  
(95% CI, 0.41 to 0.60)



**Sepsis**  
OR, 0.52  
(95% CI, 0.40 to 0.67)

In a large US cohort, women who were critically ill and pregnant receiving mechanical ventilation or with sepsis had better survival than propensity-matched women who were not pregnant; however, confounders may exist.