What Are the Independent Predictors of 28-Day Mortality in Critically Ill Adults With Solid Tumors and Septic Shock?

**Study Design**
- Cohort study of patients with a solid tumor admitted to ICU with septic shock requiring vasopressors
- Multivariable logistics regression model to identify independent predictors of 28-day mortality

**Results**
- **90-Day Mortality**: Metastatic vs non-metastatic OR (95% CI) 3.17 (1.43-7.03)
- **28-Day Mortality**: Respiratory failure vs none OR (95% CI) 2.34 (1.15-4.74)
- **Hospital Mortality**: Highest lactate 1 unit increase OR (95% CI) 3.19 (1.90-5.36)
- **ICU Mortality**: ECOG score 2 vs 0-1 3-4 vs 0-1 OR (95% CI) 2.33 (1.01-5.36) 2.72 (1.33-5.57)

Mortality of patients with solid tumors and septic shock was high. Factors associated with worse survival included advanced oncologic disease, poor performance status, high lactate, and acute respiratory failure.

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