

High-Risk Conditions

Many conditions put patients at greater risk for developing and/or experiencing severe sequelae of sepsis. Each IPSO hospital developed its own sepsis screen and treatment algorithm and independently determined which high-risk conditions to include.

The collaborative did, however, track the presence of high-risk conditions using the criteria below and found that high bundle compliance was associated with lower mortality in patients with the high-risk conditions listed below (Paul et al, 2023).

This list may serve as a starting point for hospitals to develop their own high-risk conditions lists to consider including in screens, treatment algorithms, and/or demographic analysis.

1. Asplenia (includes Sickle Cell)
2. Bone Marrow Transplant
3. Immunocompromised/Immunosuppressed
4. Indwelling Line/Catheter
5. Malignancy
6. Severe Cerebral Palsy, Intellectual Disability
7. Solid Organ Transplant
8. Technology-Dependent