



# World Sepsis Day

September 13, 2020

**#StopSepsis #SaveLives**  
worldsepsisday.org

Sepsis arises when the body's response to an infection injures its own tissues and organs.

Sepsis is the final common pathway to death from most infectious diseases worldwide, including viruses such as SARS-CoV-2. \*

## World Sepsis Facts



- At least 11 million deaths per year world wide.
- 1 in 5 deaths is associated with sepsis world wide.
- 47 - 50 million cases per year world wide. \*

## Sepsis in Alberta's Critical Care Units

### Pediatric PCICU & PICU

- 1% of patients admitted to ICU have a diagnosis of **Sepsis**.
- Mortality rate for ICU patients admitted with **Sepsis** is 7%.
- Length of Stay for **Septic children** is 3 days greater than the average ICU admission.

### Adult CVICU & ICU

- 17% of patients admitted to ICU have a diagnosis of **Sepsis**.
- Mortality rate for ICU patients admitted with **Sepsis** is 26%.
- Length of stay for **Septic adults** is 2.5 days greater than the average ICU admission.

## Choose Your Fluids Wisely

Fluid is important in sepsis but does it matter what type of fluid? **Yes!**

**Large studies show that albumin for resuscitation has NO impact on morbidity or mortality over crystalloid solutions in patients with sepsis.**

**Crystalloids** should be the first choice for resuscitation and volume replacement in patients with sepsis and septic shock. \*