Patients admitted from 2012 to 2017 for severe sepsis or septic shock  
\( n = 1209 \)

Septic shock patients with pneumonia or peritonitis  
\( n = 275 \)

Excluded patients  
\( n = 146 \)
- Cardiac arrest  
- Other reason for ICU admission  
- No mechanical ventilation  
- No catecholamine used  
- Limitation of invasive therapeutic

Eligible patients  
\( n = 129 \)

Excluded patients before analysis  
\( n = 0 \)

Patients included in analysis  
\( n = 129 \)
39.2% (\( n = 47 \)) were exposed to fluid overload