The Role of a Designated Sepsis Nurse in Improving Outcomes

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BACKGROUND –
- Each year, at least 1.7 million adults in America develop sepsis, with almost 270,000 resulting in death.
- Impacting on cost for each ministry

PURPOSE
- Decrease the mortality rates of sepsis patients
- More specifically DRG 871 – severe sepsis
- Decrease cost of sepsis care for specific ministries
- Reach system goal of cost savings per case
- (2019 $200 cost per case)

METHODS
- Quantitative and qualitative data collection via VOA dashboard and real time sepsis fallouts compared to shifts worked by sepsis RN

RESULTS AND OUTCOMES
- This Sepsis RN trail shows the positive impact on not only the care of the patient, but on the cost of patient care.
- Reduction of ICU admissions by 50% for sepsis patients when sepsis nurse working
- Positively impacting on overall ministry cost of sepsis patient care

METHODS
- O/E Ratio 2018 YTD vs 2019 YTD vs June 2019
- Average Direct Variable Cost DRG 871 July 2018-Oct 2018

CONCLUSIONS/DISCUSSION
- Sepsis RN positively impacted overall outcomes including
  - Patient care
  - Mortality rates
  - Cost
  - 3 & 6 hour bundle compliance

REFERENCES
- Sepsis alliace.org, 2019
- Socal VOA tableu dashboard, 2019

Average Direct Variable Cost (Jan-Oct 2018)
871 - $11,900
872 - $5,887

* 2019 System Goal-Decrease cost by $200 per case