

# It is SEPSIS ! Let us save them

**PROBLEM:** Sepsis awareness among MICU staff is deficient (30% sepsis bundle awareness). In addition, the compliance with Lactate re-measurement within 4hrs is low (50% baselines data)

**AIM:** 1.To increase Sepsis-Bundle awareness among MICU staff from **30%** to **60%** by Jan 15<sup>th</sup> 2016.  
 2.To improve compliance with lactate re-measurement within 4hrs among patients admitted to MICU from **50 %** to **75** by Jan 15<sup>th</sup> 2016.

## INTERVENTIONS:

- Series of education sessions for MICU Doctors / Nurses about Sepsis care bundle
- Implementation of Sepsis care bundle among all MICU patients
- Nurses to alert the on-call doctor once patient meets criteria for sepsis/septic shock
- Doctors are required to fill and stamp the sepsis care bundle once alerted

## TEAM:

- Mrs. Deepa Anil

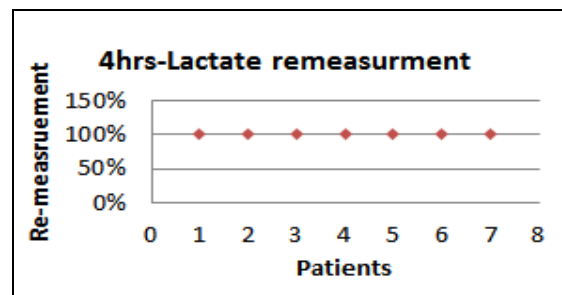
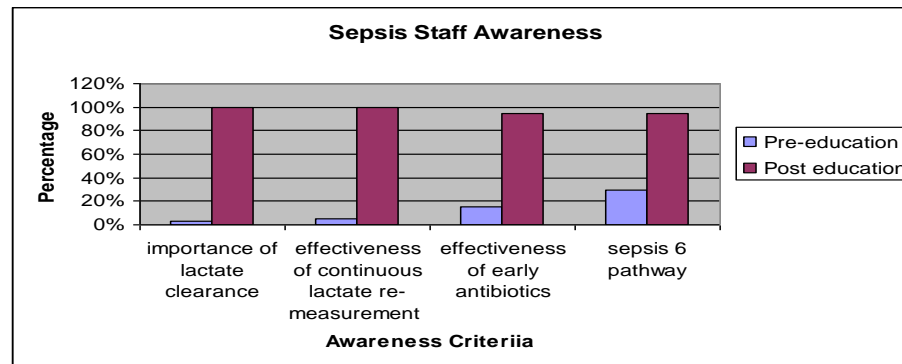
## PROJECT SPONSORS:

- Dr. Ibraheim Fawzy
- Dr. Ahmad Labib
- Dr. Abdussalam Saif
- Mr. Majed Hijeh

## COACH

- Dr. Samina Khan
- Dr. Noof AlSiddiqi

## RESULTS:



## CONCLUSIONS:

- After implementation of the educational sessions, the Sepsis-6 awareness increased from 30% to 95% (goal achieved)
- The implementation of Sepsis-6 bundle with nursing initiation lead to having increased lactate re-measured within 4hrs
- More education and emphasis about sepsis-6 is needed for patients admitted to MICU under other facilities (ER, Ward)

## NEXT STEPS:

- Improve awareness of lactate re-measurement by regular HCP education
- Maintain awareness of lactate clearance and re-measurement
- Measure and follow up awareness of lactate clearance re-measurement (staff survey)
- Follow up compliance with sepsis bundles (audit and data collection)