

## Detect Early, Intervene Early, Save Lives and Hold the Gains

**PROBLEM:** The “Sepsis-Six Pathway” is a care bundle which was introduced in HGH and SICU in late 2013. According to our baseline data collection 100% of SICU staff was aware of the Sepsis-Six Pathway, this was achieved by the CCITP cycle 9 but the compliance with the screening tool was only 46%. This can result in an increase mortality, morbidity, length of stay of sepsis patient and ICU cost.

### TEAM:

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**AIM:** To improve the compliance with the standardized screening and management bundle i.e. “Sepsis-Six Pathway” from 46% to 80% by June 2016 and 100% by December 2016

### INTERVENTION:

- Data collection of the compliance of Sepsis-Six Pathway
- Survey to assess the reason for non-compliance of Sepsis-Six tool
- Staff education for both nurses and physician
- Post education data collection for the compliance of the Sepsis-Six tool

### PROJECT SPONSOR:

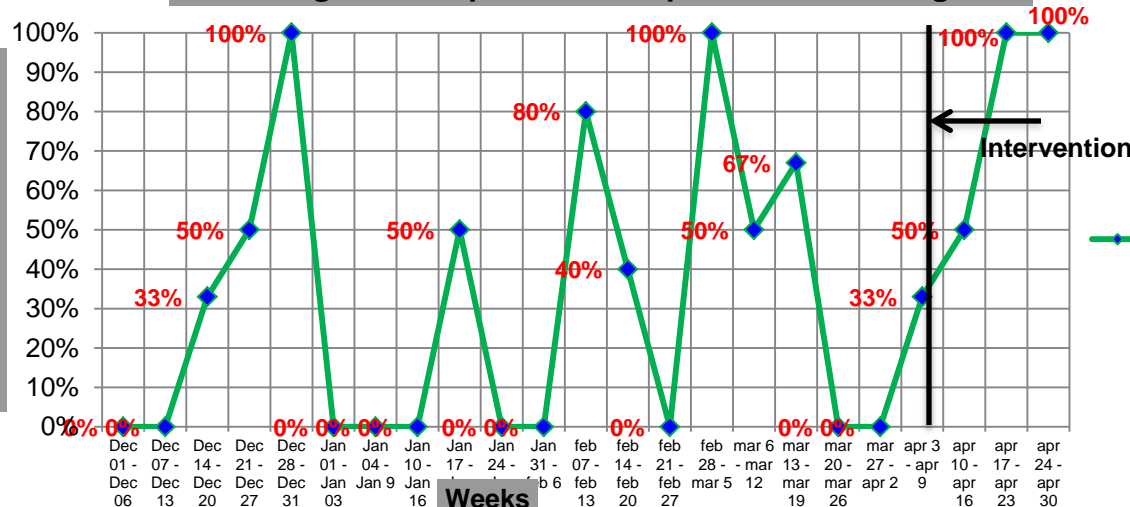
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### COACH

- Dr. Samina Khan
- Dr. Reham Negmeldin

### RESULTS:

Percentage of Compliance to Sepsis Six Screening Tool



### CONCLUSIONS:

- Target compliance in activating Sepsis-Six pathway tool achieved.
- Able to exceed our target of 80% by May 2016 to 100%
- Activation of sepsis-six pathway improved

### NEXT STEPS:

- Continuous monitoring and audit bi-annually
- Education of the new staff( residents fellows and new/rotating nursing staff)
- Clinical update sessions in sepsis management
- Spread the message to the other clinical departments