

Early sepsis recognition utilizing Sepsis Screening tools in pediatrics

PROBLEM: Currently no standardized method is used in the pediatric wards at HGH for early detection of sepsis among admitted pediatric patients with vital sign instability

AIM: To achieve 30% compliance with the novel newly introduced pediatric sepsis screening tools as a standardized method for early sepsis detection among patients in the pediatric medical ward with vital signs instability at Hamad general hospital by May 30,2016

INTERVENTION:. Created Sepsis recognition tool in Pediatric & Got Leaders approval

- Educated residents, fellows & nurses
- Implemented sepsis tool in pilot units with easy accessibility in a designated place
- Monitoring & reminders

TEAM:

- Dr.Ahmed Yagoub
- Dr.Sondos Altaraqji

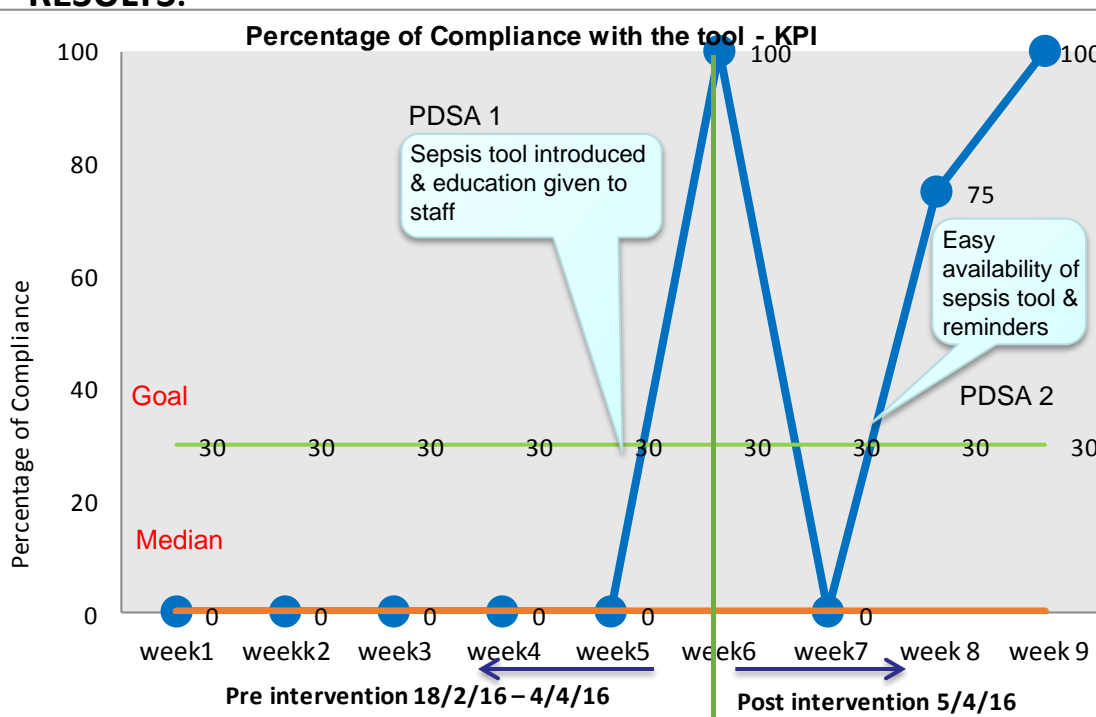
PROJECT SPONSOR:

- Dr.Mohammad Janahi
- Dr.Ahmad Al Hammadi

COACH

- Amira Mustafa
Mentor Coach
- Noof Alsiddiqi

RESULTS:



CONCLUSIONS:

- After education & implementation of pediatric sepsis screening tool, the total time gap between meeting criteria for sepsis till starting pediatric sepsis bundle is significantly reduced by 30 % from average of 353 minutes to about 244 minutes
- The compliance in using pediatric sepsis screening tool has been increased from 0 % to 75 % and exceeded the target (30 %) when the forms made easily available in the units and by reminders

NEXT STEPS:

- To achieve 100% compliance by 2017
- To approve (pediatric sepsis screening tools) as part of clinical pediatric sepsis pathway & guideline for all HMC hospitals, To spread the intervention & standardize the sepsis management
- Implement our sepsis tool into the new computerized system at HMC