Healthcare Organization Commitment

Contact Details

Name
Chieh-Liang Wu

Phone
886-4-23592525 ext:2500

Email
roro03200320@gmail.com

Position
Chief of Center of Quality management

Organization Name
Taichung Veterans General Hospital

Organization Address
1650 Taiwan Boulevard Sect. 4
Taichung, Taiwan 40705
TW

Commitment Details

Commitment Name
To reduce the mortality rate of sepsis

What Patient Safety Challenge does your Commitment address?
Challenge 9A - Early detection and treatment of sepsis for high-income countries

Commitment Start Date
01/06/2017

How Many Hospitals Will This Commitment Represent

Patient Safety Movement Foundation | patientsafetymovement.org
Action Plan
1. Form multidisciplinary team with members from Clinical Quality, Infectious disease, medical informatics, Pharmacology, Nursing, Intensive care units, Emergency department with the support from leadership. 2. Criteria of initiating a rapid response team and subsequent sepsis management team formation would then be defined. 3. Technology to connect automated vital sign devices with the hospital information system to be completed and tested. 4. An integrated early warning system using automated data correction and nursing assessments would be built. 5. A rapid response team and a sepsis management team would be formed. 6. Monitoring dashboard for sepsis patients would be built providing information for the sepsis management team and subsequent data analysis. 7. Physicians would be educated about the detection of early sepsis, management strategy and use of new tools in information systems. 8. Systems would be constantly reviewed and improved before and after implementation. 9. Data analysis would be performed regularly by combining data from dashboard, EMR, and the data warehouse in the hospital.

Commitment Timeline
June 2017: Formation of multidisciplinary team
July 2017: Analysis of present situation
August 2017: Detail action plan produced
September 2017: Start to build early detection IT tools and management system for sepsis
November 2017: Education of sepsis to physicians
January 2018: Completion of prototype of IT tools. Testing and improving systems
April 2018: Implementation of IT tools and management system
May 2018-December 2019: Monitoring of compliance of management plan and sepsis mortality rate; Revaluation of plan every 6 months and continuous monitoring

Impact Details
Lives Lost in Last Calendar Year
140

How many lives do you expect to spare from harm in the next calendar year?
15

How many lives do you expect to save in the next calendar year?
15

Methodology for Determining Lives Saved