Healthcare Organization Commitment

Contact Details

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Commitment Details

Commitment Name
Early sepsis diagnosis

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

Commitment Start Date
01/05/2019
Commitment Summary
At Hospital Regional de Alta Especialidad del Bajío we are committed to prevent and establish timely and adequate treatment of sepsis and infectious diseases. Our population of patients include medical and surgical procedures of high specialty for different states of the middle region in our country, including: onco-hematological, cardio-thorax, neurosciences, endo-urological/minimal invasion procedures and transplantation (kidney, liver and hematopoietic stem cells), so we normally attend patients in high risk to develop sepsis/septic shock and complications related to infectious diseases healthcare-associated and opportunistic processes. For this reason we need to improve and keep on early detection of sepsis in our institution, and be part of this commitment will help us for guarantee quality structure and organize for get this objectives

Commitment Description & Detail
We will apply procedure in every patient admitted in the hospital with suspected sepsis. They will be evaluated by specific health-care staff committed for this goal, that includes: infectious diseases specialist, ER MD, surgeons, radiologist and nurses. Then, in patients on high suspected sepsis diagnosis we will apply the complete bundless: hydration, register of vital signs including oxygenation and urinary output, microbiological cultures, early effective antibiotic treatment, and analytical chemical lab studies in the first hour of medical attention. In the follow for next hours/days we’ll be able to evaluate the clinical evolution, final diagnosis and response to the treatment, the outcome of patients and mortality.

Action Plan
1. Parenteral Hydratation
2. Vital signs, oxygenation and urine output registers
3. Analytical chemical lab studies
4. Microbiological cultures
5. Antibiotic treatment
6. Radiology studies if necessary

Commitment Timeline
Actually we record all cases of sepsis/complications related to infectious diseases monthly coordinated by epidemiology and mortality staff for establish improvement strategies.