Quality Improvement Project: Reducing Hospital-acquired CDI Using a Multi-disciplinary Approach

Podium Presentation

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Background

Clostridium difficile is estimated to cause more than 453,000 infections and 29,300 deaths annually in the United States (NEJM, 2015). Symptoms of Clostridium difficile infections (CDI) may range from diarrhea to life-threatening inflammation of the colon. Usually occurring after the use of antibiotics, CDI commonly affects individuals who have stayed in a hospital or long-term healthcare facility.

For hospitals, positive test results for C diff have been reportable in Oregon since 2012, and to CMS since 2013. Many facilities use internal rates as a Quality Measure.

Clostridium difficile Definitions (CDC) LabID Event

- 1. <u>Community-Onset:</u> collected as outpatient or inpatient 3 or less days post admit. Day 1,2 or 3 with day 1 being admission.
- 2. <u>Community-Onset Healthcare facility –associated</u>: collected as outpatient less than 4 weeks post discharge. (not included)
- 3. Healthcare Facility Onset: Positive lab test collected after day 3.









