

# Education Element (E<sup>2</sup>)

## Teaching Quality Improvement in the Clinical Environment

- **Scenario:** The medical student on your team notices that a patient who was supposed to receive 48 hours of antibiotics during a sepsis rule out remains on antibiotic therapy five days later. How would you use this opportunity to teach your entire team about quality improvement?
- **Perspectives from the literature:**
  - Use real world examples as they present themselves in the clinical environment with the patient as the center
  - Present challenges of changing systems, culture, and behavior
  - Play ‘Follow the order’ where you follow a physician order from conception to execution
  - Identify potential errors in a process by using failure mode effect analysis or process mapping