

Sepsis: Hit it early ; Hit it Right

PROBLEM: Only 10% of patients admitted under MICU care are receiving the first dose of antibiotics within one hour of suspicion/diagnosis of sepsis.

AIM: To improve the compliance with antibiotic administration in septic patients admitted under MICU care within 1 hour of sepsis diagnosis, from 10% to 50% by May 2016 and 70% by December 2016.

INTERVENTION:

- 1. Education sessions to improve the awareness among staff members.
- 2. Cerner : sepsis bundle
- 3. Sepsis posters to raise awareness and early management

TEAM:

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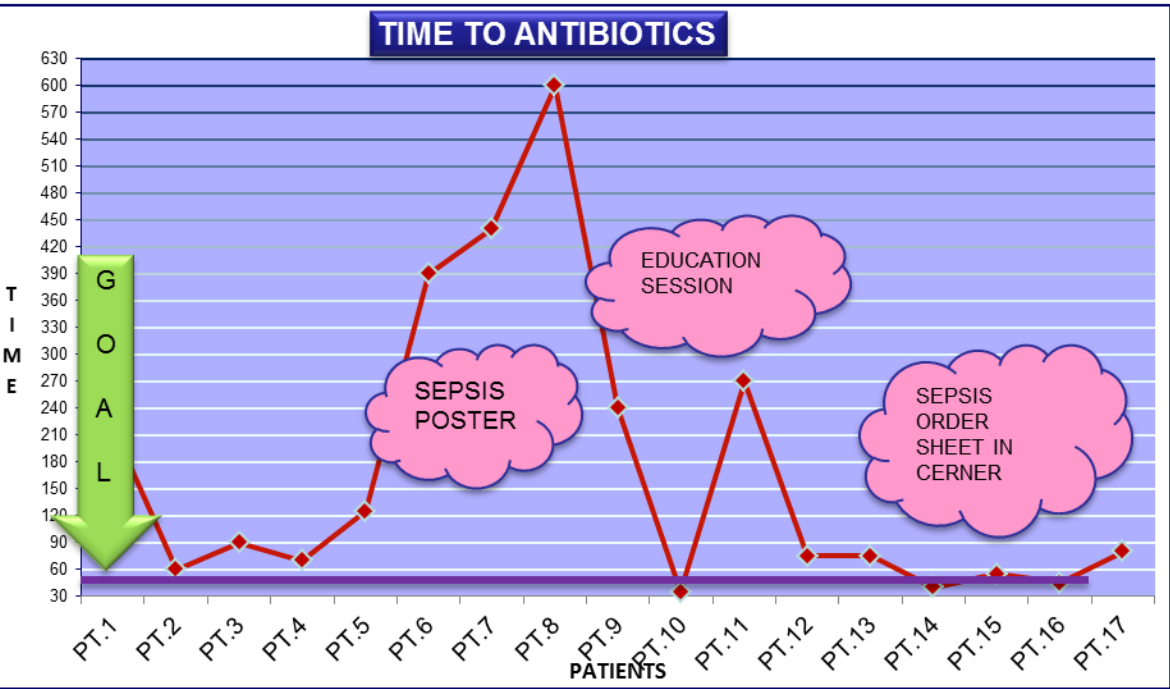
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MENTOR:

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CONCLUSIONS:

- 1. Busy schedule of physician
- 2. Delay recognition of sepsis
- 3. Delay in preparation and administration of antibiotics
- 4. Lack of awareness regarding new sepsis definition and pathway

NEXT STEPS:

- Continuity of data collection- once per week
- Education of new staff including doctors and nurses.
- Bimonthly run chart and data assessment
- Cerner troubleshooting