Introduction
- Focus on patient safety and quality improvement within Montefiore healthcare system to better serve the patient population
- Projects for the summer included sepsis data validation and CLABSI occurrence rate improvement hospital-wide
- Documented success could be helpful for global health generally

Objective of Internship
To gain a deeper understanding of the administrative work that allows hospitals to undertake quality improvement projects

Work profile
- Montefiore aims to provide best care for patients
- Improving rates of sepsis and CLABSI occurrence at Montefiore better responds to threats to patient health
- Data validation by hand of >570 patients, data collection on floors

Reflection
- Montefiore, as a large system in the Bronx, does not have the resources to devote to data validation and collection
- Interns were able to assist by manually going through patient charts to verify sepsis protocol initiation
- Discovered specific parts of protocol that require further reinforcements

- CLABSI (Central line associated blood stream infections) – aim to locate central line maintenance issues to best be able to reduce incidents
- Interns visited patients in different units, assessed their central lines, and answered questions on maintenance audit
- Committee realized that most issues occurred with dressing size and misinformation about date labels
- Sept. 2018: smaller dressing size implemented to test on some units
- Education on date labels for relevant units/staff

Successful completion of sepsis protocol (antibiotics, lactates, and blood cultures) within three hours increases chances of patient survival & limits organ damage

Looking ahead
- Spending the summer at Montefiore Medical Center helped me learn about the many fulfilling careers found in a medical setting and helped me explore some options for my future.

Questions
- What steps can Montefiore now take to increases sepsis mortality?
- Will the smaller dressing patch adhere better?
- What else does the patient population need improvements in?

Conclusion
- A healthcare system as large as Montefiore faces particular challenges which the interns can alleviate for a bit. Long term solutions needed.

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