About Us
The Georgetown University IHI CVC Infection Prevention Group is a community of Georgetown faculty, residents, healthcare management, medicine, and nursing students committed to education in quality improvement. We are accomplishing quality improvement by studying patient safety at Georgetown University Hospital (GUH), and designing an intervention to reduce the number of CLABSIs across the hospital.

Objectives
- Create a network of health professionals and foster increased collaboration between health professions students.
- Educate health professions students in the principles of patient safety and quality improvement and develop their quality improvement skills.
- Reduce the impact that CLABSIs have on inpatients throughout by utilizing improvement science and “Plan-Do-Study-Act” techniques.
- Cultivate a culture of patient safety at GUH in order to provide a safer and improved clinical care environment.
- Based off of the work and analysis completed, add to the general body of knowledge with CLABSI through scholarly publication.

Project Team
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Literature Review

<table>
<thead>
<tr>
<th>Name of Hospital</th>
<th># of Beds</th>
<th>Teaching or Urban</th>
<th>Subspecialties</th>
<th>Other Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>UMass Memorial Medical Center</td>
<td>917</td>
<td>Teaching</td>
<td>Internal Medicine, Surgery, Pediatrics</td>
<td>CLABSI Rate: 2.18 to .96 per 1,000 device days</td>
</tr>
<tr>
<td>Swedish Medical Center</td>
<td>540</td>
<td>Teaching</td>
<td>Internal Medicine, Pediatrics</td>
<td>CLABSI Rate: 1.88 per 1,000 device days</td>
</tr>
<tr>
<td>Stony Brook University Medical Center</td>
<td>500</td>
<td>Urban</td>
<td>Pediatrics, Obstetrics, Gastroenterology</td>
<td>CLABSI Rate: 2.15 per 1,000 device days</td>
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<tr>
<td>Santa Clara Valley Medical Center</td>
<td>347</td>
<td>Urban</td>
<td>Obstetrics, Pediatrics</td>
<td>CLABSI Rate: 3.3 per 1,000 device days</td>
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- Conducted an analysis of 33 IHI mentor institutions
- Narrowed mentor institution list down to those hospitals that were most representative of Georgetown University Hospital’s size and case-mix.
- Produced a “Lessons learned” document presented to Center for Patient Safety.

Conclusions
- Mentor institutions are effective in exchanging best practices in CLABSIs
- Maintenance is an important aspect of central line care in preventing CLABSI
- More data are needed to construct an effective maintenance bundle at GUH and establish baseline compliance with the bundle.