**The Problem**
Checklists, when applied to a single ICU process, are spectacularly effective. However, when taken to scale in an effort to prevent all harms in the ICU, checklists may actually cause harm to patients by overwhelming the provider due to the extensiveness of a nonspecific generalized checklist.

**Aim/Goal**
To create a patient specific checklist (PSC) that improves the quality of ICU care by helping providers make the right preventive-care decisions at the right time, PCS will:

- Provide a patient-specific view of demographics, pertinent data and daily care needs to all providers.
- Expedite completion of context-appropriate routine core measures by prompting clinicians to address them in a timely manner.
- Promote critical thinking about complex care decisions by freeing clinicians from the distraction of non-patient-specific tasks.
- Encourage multidisciplinary rounds and improve workflow by generating a role-specific daily work list as an output of the PSC.
- Improve team efficiency by generating reports that identify discrepancies (CVL orders, restraints, etc.)
- Improves communication and information sharing among interdisciplinary team members.

**The Team**
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**The Interventions**
- Determined current state of rounds and the use of checklists at BIDMC
- Created a master list of relevant/valuable data for checklists based on clinician feedback between 2014-2015
- Completed testing of direct care providers to evaluate the applicability of the PSC application.
- Persistently recruited to expand the multidisciplinary team to include physicians from various specialties
- Revised the tool based on usability testing and clinician input.
- Created decision support algorithms/logic to inform PSC, in collaboration with appropriate subject matter experts

**Lessons Learned**
- Conducting usability testing is an essential step in the creation process of an IT application

**Next Steps/What Should Happen Next**
- Conduct end-user focus groups
- Continue to develop the PSC in partnership with Aptima Inc.
- On-going usability testing to inform revisions
- Pilot PSC in one ICU in 2016

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