



SURVEILLANCE DATA AUTOMATION – IMPROVING PATIENT SAFETY AND PRODUCTIVITY OF AN INFECTION CONTROL TEAM

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DISCLOSURES

None

2

OUTLINE

- 1. Surveillance**
 - ARO (MRSA, VRE, CPO) and CDI
- 2. Automated Reports**
 - Monthly Unit Feedback (ARO/CDI)
 - Automated reporting to ADS
- 3. Productivity and Efficiency**
- 4. Future state**

3

PROVIDENCE HEALTH CARE

2 acute care hospitals - 534 beds

5 long term care facilities - 637 beds

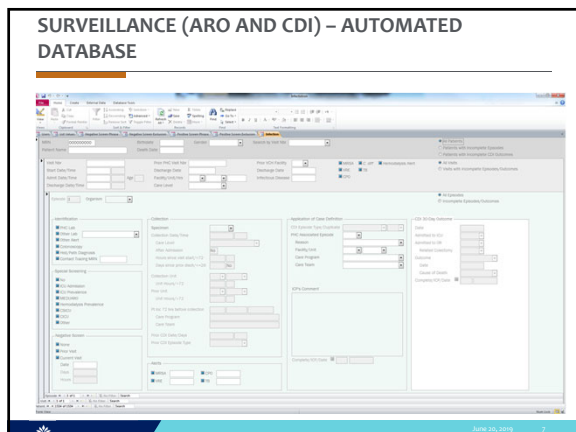


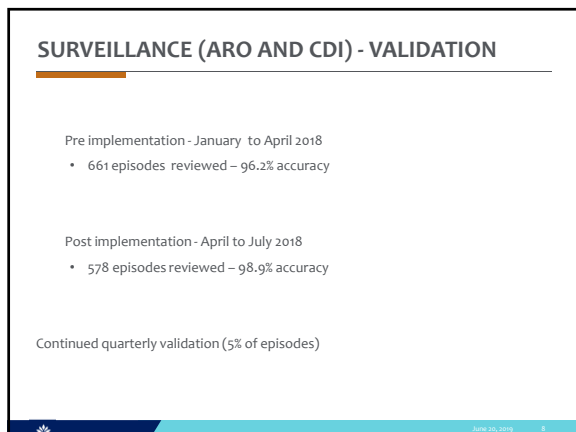
SURVEILLANCE (ARO AND CDI) - HISTORIC

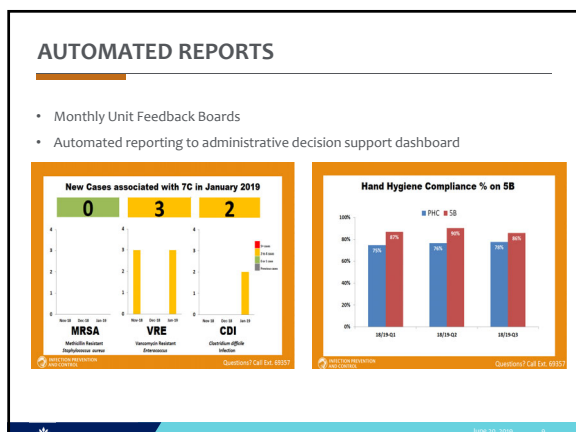
- Print out notifications from the microbiology laboratory
- Paper surveillance forms filled out by ICPs
- Manual input of paper surveillance forms into a database

SURVEILLANCE (ARO AND CDI) – NEED FOR AUTOMATION

- Separate databases for ARO and CDI
- Transcription errors
- ICP daily work structure change







PRODUCTIVITY AND EFFICIENCY

- 6 Infection control practitioners dedicated to daily rounding on units
- Education specialist responsible for creating all education materials
- Construction specialist responsible for all construction related issues

FUTURE STATE

- Continue collaboration with Administrative Decision Support
 - New electronic medical records platform
- Establish collaboration with surrounding health authorities
- Explore automation for SSIs and CLABSI

QUESTIONS

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