IT Support of the SSI Surveillance Program

Information Systems and Standards Team 2, HAITS

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Brief History and Milestones

- ☐ Since 2002
 - Modified from FoxPro Program of QMH
 - Converted to Web Based System
- **2006**:
 - Interface to HA Hong Kong Patient Master Index (HKPMI) to retrieve patient demographics
- **2**007:
 - Interface to HA Electronic Patient Record (ePR) to retrieve OT information and Lab results
- **2010**:
 - Interface to HA Surgical Outcomes Monitoring and Improvement Program (SOMIP)

Facts

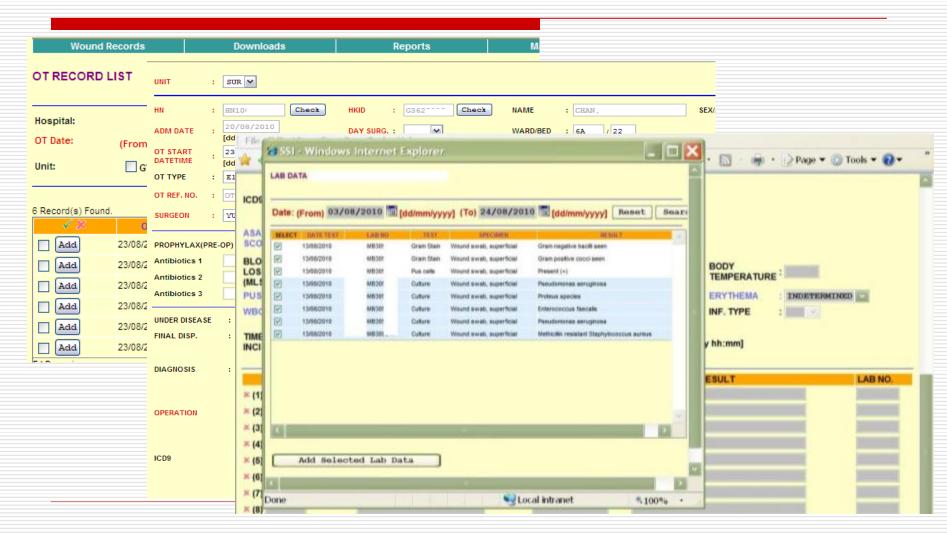
- Current Status:
 - Rollout to 19 HA hospitals
 - Around 190,000 Records
 - Around 60,000 with Complication Results
 - Around 17,000 with Lab Result

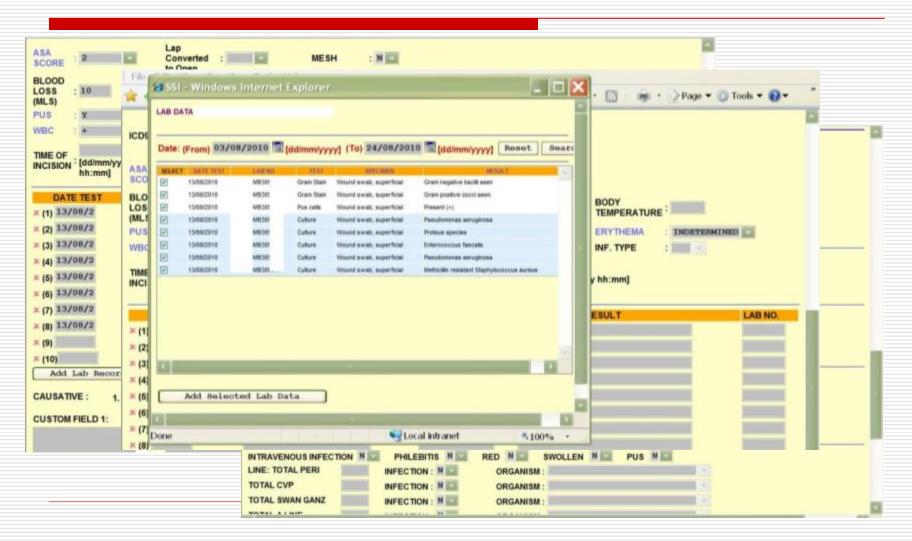
System Workflow

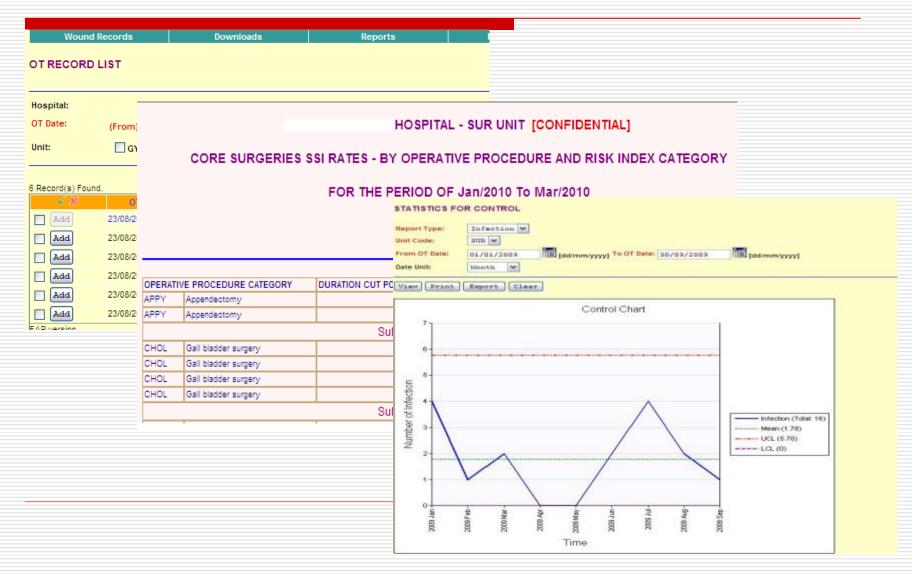
- Daily Retrieve OT Record Listing
- Add OT Record to SSI
- ICN nurses update the investigation
- ICN nurses can generate ad-hoc reports for local use
- Regularly pass anonymous data to ICB for KPI reporting

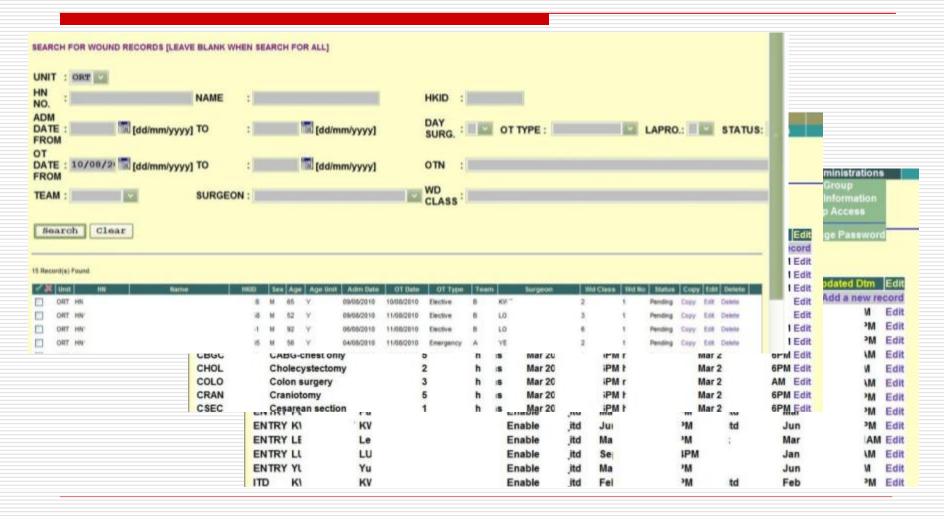
System Functions and Features

- Daily OT Listing
- Reports based on different aspects
 - Surgeon
 - □ Team
 - Core Surgeries
- Data Export
- Charting









Role of IT in SSI

- Provide user-friendly and convenient platform for ICN nurses for daily data entry and surveillance process
- Work with CICO for NHSN Core Procedures for KPI Reporting
- Facilitate data processing mechanism to ICB
- ☐ Assist in regular reporting exercise
- □ Trouble-shooting of issues

End

☐ Thank you