

The Case for Infection Control and Prevention **Software**

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Infection Prevention Software?

- © Captures and manages infection control information from existing data sources
- Provides prevention alerts from integrated repository of infection information
- Reports and analysis at fingertips
- Manages ICP followup workflows





Infection Prevention Software?

- Newer software offers Automated Surveillance
 - Infection risks automatically detected by monitoring hospital systems in real-time
 - Systems include: ADT, Pharmacy, Microbiology (Lab), Surgery, etc.
- Older software requires manual keying of infection information – a waste of time

rL solutions



Benefits of ICP Software

Free up to 50% of Infection Control Practitioner's (ICPs) time



Source: http://dicon.mc.duke.edu/wysiwyg/downloads/ICP_survey_abstract_FINAL_by_Dev.pdf





Benefits of ICP Software

- Provides automated infection alerts
- © Latest data available for IC Committee meetings
- © Effective use of precious ICP resources
- Quickly identify areas that need attention
- Minimize human & financial impact of infections





Multiple Beneficiaries

- ICPs more time for "prevention"
- Clinicians immediate/regular notification of infections
- Medical Leaders understand impact of infections and strategies to prevention
- Mospital executive maximize resources, minimize morbidity and financial impact



Case Study: Repat Hospital (Adelaide, SA)

MRSA history alerted within 10 minutes of admission with rL Solutions' IMPro® system



Benefits

- Significant infection alerted to right people early
- Early alert meant early isolation and reduced risk
- Information accessible to everyone





Antibiotic conflict detected thru rL Solutions' IMPro® system

Microbiology Antibiogram shows resistance





Pharmacy feed shows AB given





Correct Antibiotic prescribed



Result auto-filed

Organism resistance to prescribed AB





Antibiotic conflict alert provided by rL Solutions' IMPro® system

Benefits

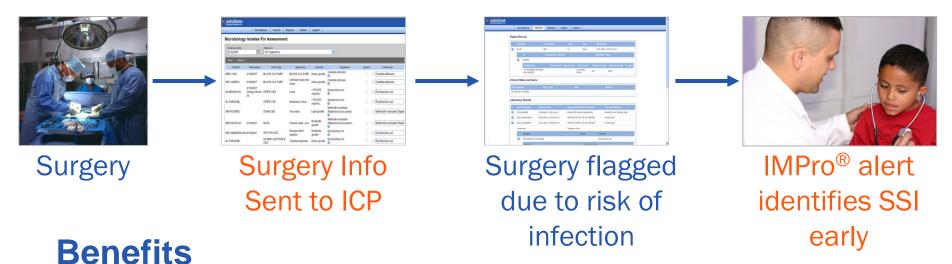
- Encourages antibiotic efficacy
- Medication costs reduced
- Pharmacy alerts can lower risk of new resistant strains
- "Zero Tolerance" of uninformed prescribing





Case Study: Repat Hospital (Adelaide, SA)

 Active surveillance commenced 30 minutes after surgery thru rL Solutions' IMPro® system



- Earlier identification of infection
- Length of stay and overall costs reduced





What to Look For

Automated surveillance of existing systems

System Agnostic (not limited to specific sub-systems for clinical feeds)

Robust Reporting







Conclusion

- Infection control software reduces ICP workload, allows hospital staff to be more effective, and helps to save lives
- Infection control programs that include organized surveillance, control activities and a system for reporting infections reduces hospital infection rates by as much as 32%*

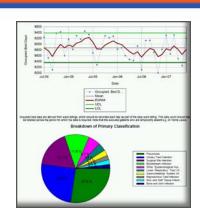
* Source: SENIC study





For More Information

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