

**IPAC-SASKPIC 2017**  
**IPAC CONFERENCE HIGHLIGHTS 2017**  
**NEW TECHNOLOGY**

September 15, 2017

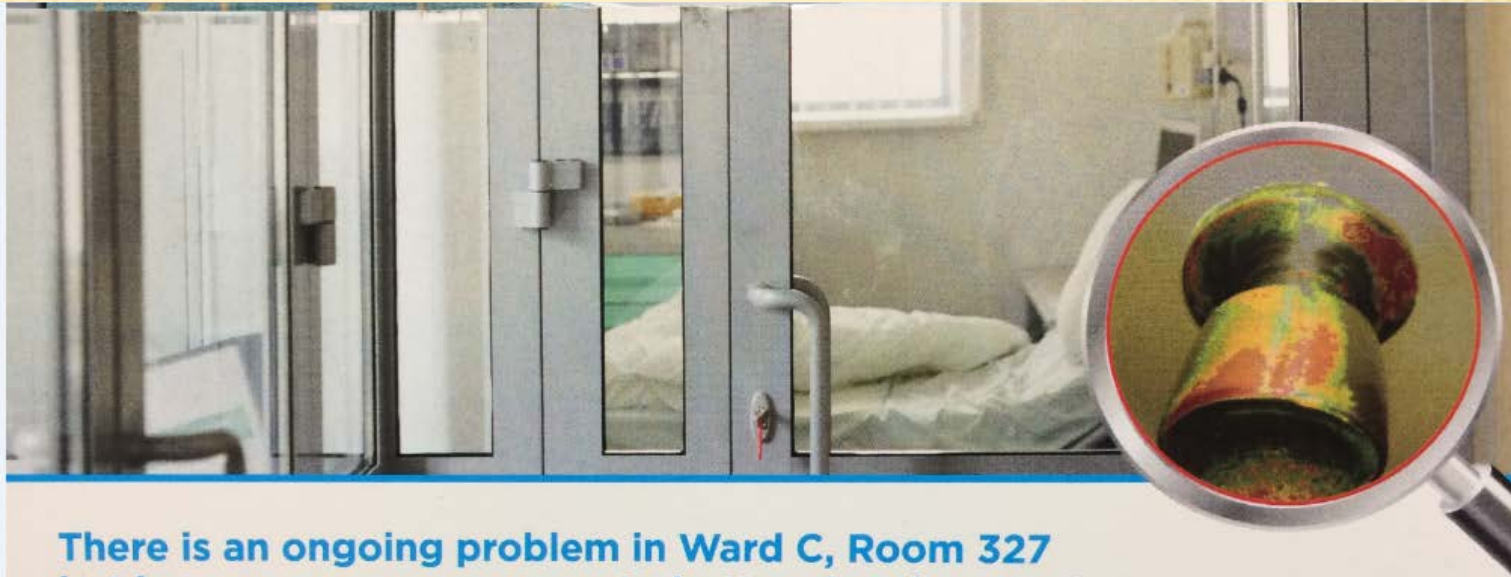
Sherry Engel RN, ICP, CIC

# RURAL TRANSPORTATION OF SPECIMENS AND TIMELY TREATMENT

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- ✘ Rapid Influenza/RSV/Strep A testing
  - + Results: A total of 238 persons were included in the study: 72 (30 %) of the patients included in the study were below 19 years old and accepted as childhood group. Mean age of adults was 42.4 and children 10.2 years. A total of 122 patients out of 238 were positive for influenza. The clinical sensitivity and specificity of the test in all age groups was determined to be 80 and 94 %, respectively. Positive predictive value was 93 % and the negative one was 81 %.





## There is an ongoing problem in Ward C, Room 327 but how can we see our way to better cleaning results?

Could an image with spatially specific data help reveal insights not attainable by direct observation or quantitative swabbing?

- A new technology has been developed to capture macroscopic surface images and generate contamination density maps.
- Case studies have revealed surfaces which were not adequately cleaned by standard cleaning protocols. Images of high touch surfaces with complex shapes and textures have provided interesting results.

Prevention is key to controlling infection and cost. This innovation provides infection control practitioners with an additional tool to aid in the quality improvement cycle. Teams can now use spatially specific contamination data to corroborate existing practices and ultimately improve cleaning processes and procedures.

Presentation at the  
**IPAC Canada 2017 National  
Education Conference**

**Generation of Images  
Containing Spatially  
Specific Contamination  
Data for Cleaning Process  
Improvements**

**Monday, 19-June-2017  
at 3:30 pm  
PEI Convention Centre**



PORCELAIN DEGLAZING NOT VISIBLE BY DIRECT OBSERVATION  
HAS POTENTIAL FOR PATHOGEN HARBORAGE



BACTERIA CONTAMINATION ON DOOR HANDLE CORROBORATED  
WITH ATP AND ENVIRONMENTAL CULTURE RESULTS

**ABSTRACT TITLE**  
**GENERATION OF IMAGES  
CONTAINING SPATIALLY  
SPECIFIC CONTAMINATION  
DATA FOR CLEANING  
PROCESS IMPROVEMENTS**

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## Coffee Anyone?

REGULAR IMAGE



BEFORE CLEANING



THERE IS AN ONGOING PROBLEM...HOW CAN WE SET OUR VISION TO BETTER REALITY?



# THE NEXT GENERATION

## Leading change in a new era

### Dominant approach

Power through hierarchy

Mission and vision

Making sense through  
rational argument

Leadership-driven (top  
down) innovation

Tried and tested,  
based on experience

Transactions



### Emerging direction

Power through connection

Shared purpose

Making sense through  
emotional connection

Viral (grass-roots  
driven) creativity

"Open" approaches , sharing  
ideas & data, co-creating  
change

Relationships

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**Thank You!**