



WILLIAM OSLER
HEALTH SYSTEM

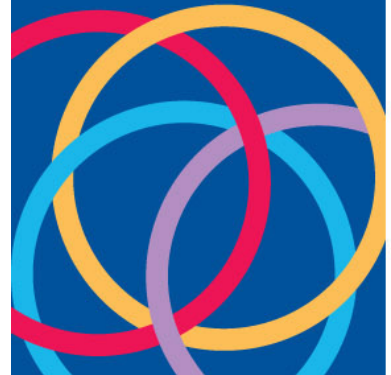
The William Osler Experience

Janine Domingos

Corporate Manager of Infection Prevention and Control

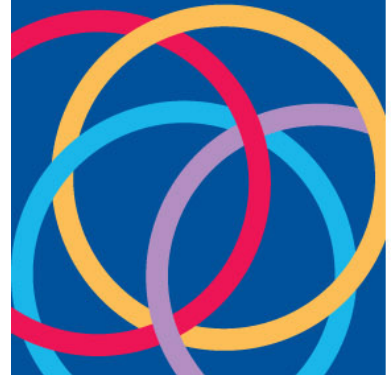
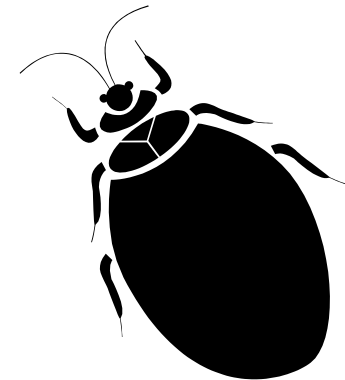
A little bit about us...

- We are a large, multi-campus community hospital
- 773 inpatient beds
- Two very busy Emergency Departments



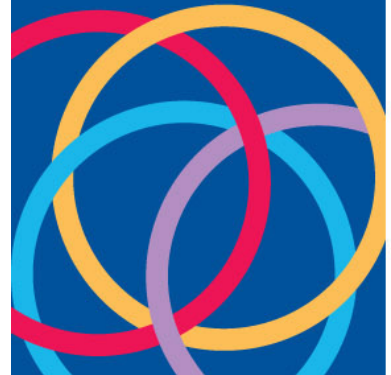
Increased Prevalence?

- Increased bedbug activity in community leading up to June 2010
- Unaware that other hospitals were having the same challenges
- Policy was in progress
- High risk units already screening



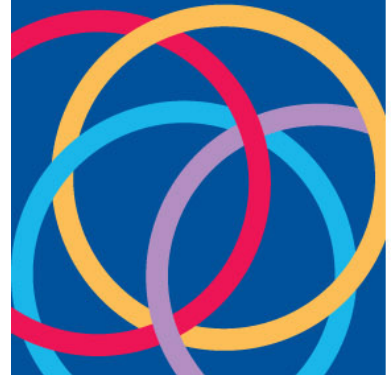
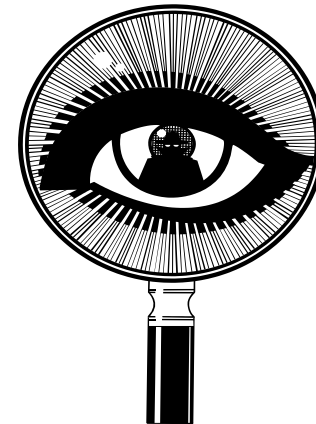
What we saw...

- Increased community bedbug activity in patients coming to ER in spring 2010
- All known bedbug patients were appropriately isolated
- Staff reported bites of unknown origin
- Realized that we did not know a lot about bedbugs



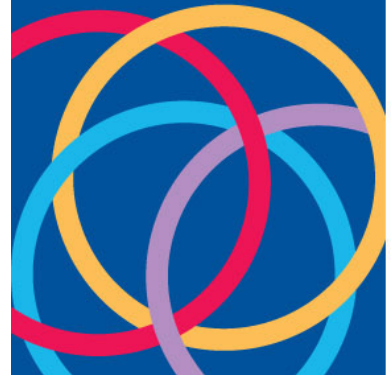
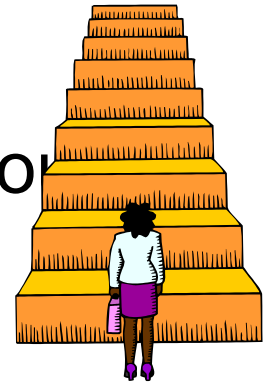
The Investigation

- Some staff bites were confirmed
- Few bedbugs seen in staff lounge possibly carried in on uniforms
- Toronto Public Health consulted
- Pest Control consulted
- Lounge emptied and treated
- Furniture discarded
- Staff wore scrubs in high risk areas



Next Steps

- Contact tracing completed for previous visits
- Once we realized size of the issue within the GTA all areas of the hospital were investigated and either steamed or deemed clear
- With the assistance of the canine bedbug identifier the hospital was screened from top to bottom

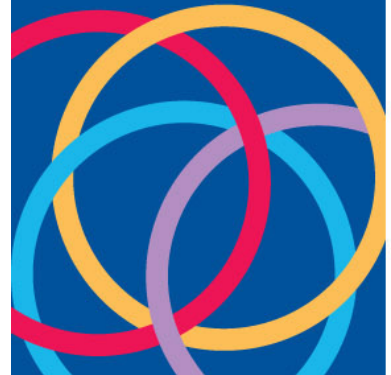


- Any area that indicated previous contact was closed, steamed and rechecked by the dogs before opening
- Many cloth furniture items were discarded and replaced
- NO live bugs seen in any inpatient areas
- Twice daily teleconferences with key participants



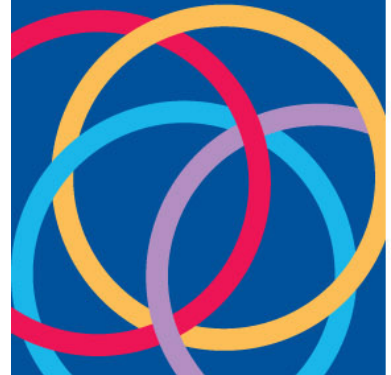
What we do differently now...

- More aggressive screening
- Bedbugs captured for ID by Pest Control
- Ongoing education
- Partnership with Public Health Unit
- Staff reporting bites must see Occupational Health and Safety
- Bites must be confirmed by physician/ IPAC
- Known addresses are on alert
- Policy in place
- Shared policy with other institutions



Patients who screen positive...

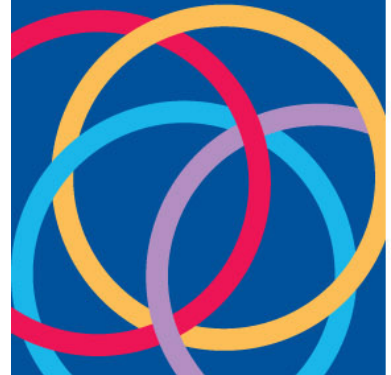
- Belongings are double bagged and sent home
- Clothes are replaced with clean
- Patient is bathed head to toe and moved to clean area
- Original room is steamed and cleared by pest control
- Isolation precautions removed



The Future



- Encourage patients and families to contact Public Health Unit to eradicate problem in the home
- Communication with other hospital IPAC professionals
- Realize that this is a ***partnership*** between Environmental Services, Infection Control and Public Health



Thank you

Copies of our policy are available

janine.domingos@williamoslerhs.ca

