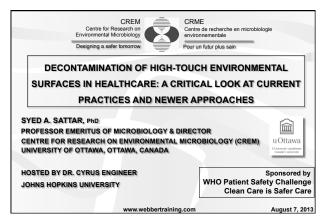
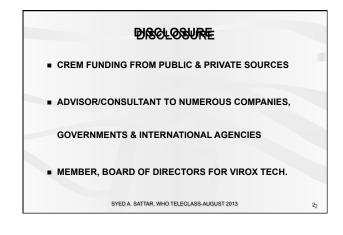
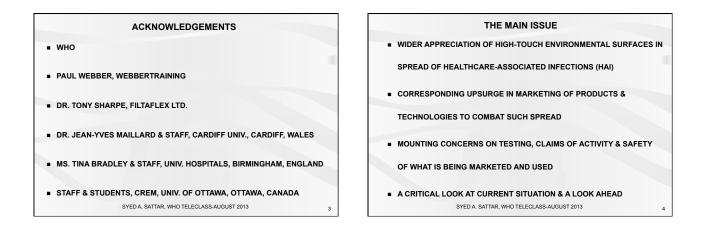
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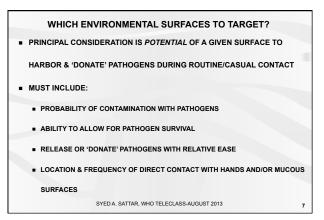


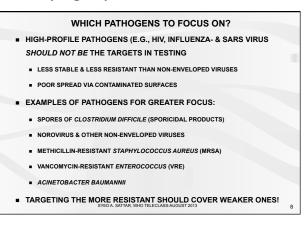




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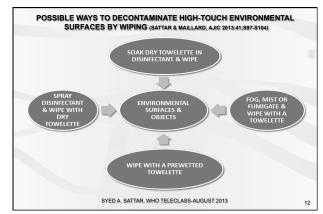
WHAT ABOUT CURRENTLY AVAILABLE DISINFECTANTS?

- LONG LISTS OF IRRELEVANT ORGANISMS
- MANY ARE ONLY WEAK BACTERICIDES (LOW-LEVEL)
- TESTING FOR MICROBICIDAL ACTIVITY INAPPROPRIATE
- ACTIVITY FURTHER COMPROMISED DURING FIELD USE DUE TO:
 - MUCH SHORTER CONTACT TIMES; HIGH VOLUME:SURFACE RATIO
- SOIL LOAD AS WELL AS DEMAND FROM APPLICATOR/SURFACE
- OVERALL, GENERATE A FALSE SENSE OF SECURITY
- MAY INCREASE RISK OF PATHOGEN SPREAD!
- LABEL CLAIMS NOT BASED ON WIPE-TESTING

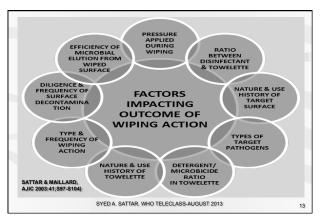
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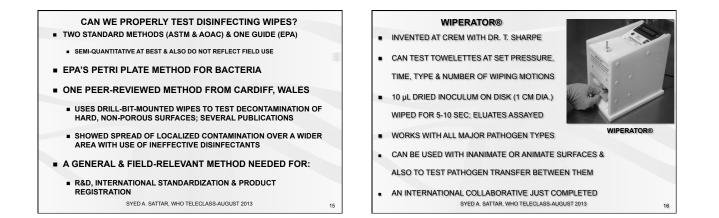




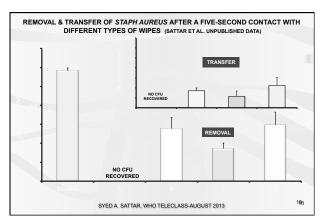
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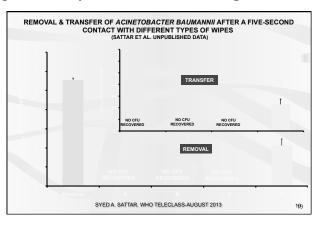


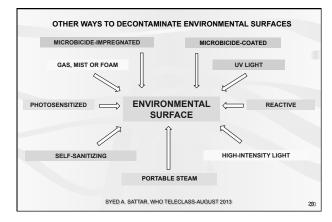


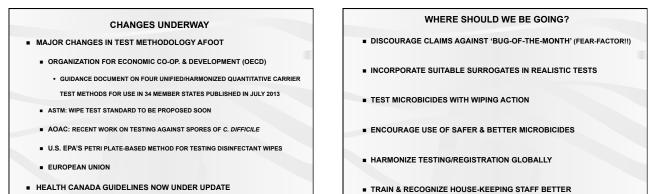
| ORGANISM (ATCC #) | CATEGORY | NOSOCOMIAL PATHOGEN? |
|------------------------------------|--------------------------------|-------------------------|
| STAPHYLOCOCCUS AUREUS (6538 |) GRAM+ COCCUS | YES |
| ACINETOBACTER BAUMANNII (19606) | GRAM- BACILLUS | YES |
| CANDIDA ALBICANS (10231) | YEAST-LIKE FUNGUS | YES |
| ASPERGILLUS NIGER (64958) | FILAMENTOUS FUNGUS | YES |
| NYCOBACTERIUM TERRAE (15755) | ENVIRONMENTAL MYCOBACTERIUM | RARE CASES OF INFECTION |
| BACILLUS SUBTILIS (19659) | AEROBIC SPORE- FORMER | NO |
| CLOSTRIDIUM DIFFICILE (43598) | ANAEROBIC SPORE- | YES |
| FELINE CALICIVIRUS (VR-782) | SMALL, NON- ENVELOPED | NO |



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- ENVIRONMENTAL SURFACE DISINFECTANTS NEED REVIEW
 - MANY FORMULATIONS HAVE LIMITED MICROBICIDAL ACTIVITY
 - THE CONTACT TIME ON LABELS TOO LONG!
 - MANY SUCH CHEMICALS POTENTIALLY TOXIC & DAMAGING
- WIPE TESTING TO BE REFINED & PROMOTED
- SUB-LETHAL EXPOSURES TO MICROBICIDES MAY INCREASE POTENTIAL FOR MICROBICIDE & ANTIBIOTIC RESISTANCE
- INFECTION PREVENTIONISTS NEED BETTER AWARENESS SYED A. SATTAR, WHO TELECLASS-AUGUST 2013

FURTHER READING

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