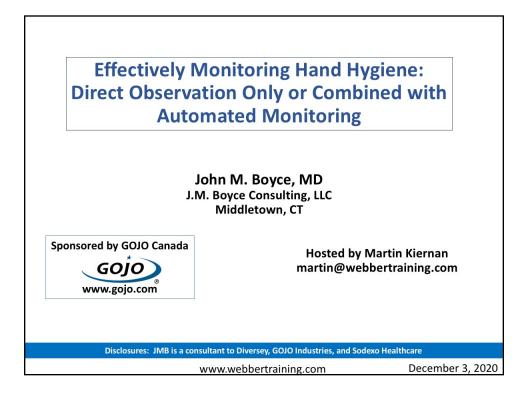
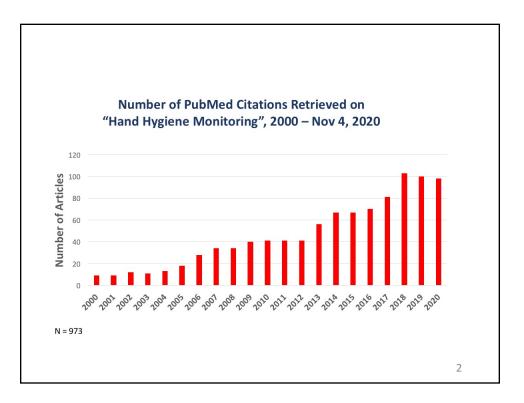
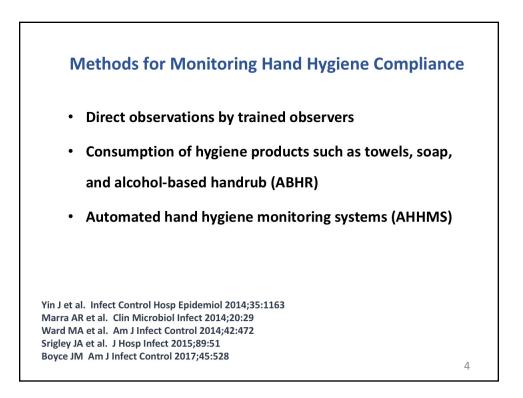
Effectively Monitoring Hand Hygiene: Direct Observation Only or Combined with Automated Monitoring Dr. John M. Boyce, J.M. Boyce Consulting LLC Teleclass broadcast sponsored by GOJO Canada (www.gojo.com)



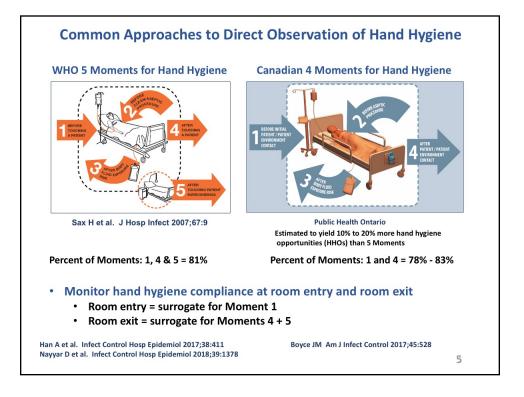


## Effectively Monitoring Hand Hygiene: Direct Observation Only or Combined with Automated Monitoring Dr. John M. Boyce, J.M. Boyce Consulting LLC Teleclass broadcast sponsored by GOJO Canada (www.gojo.com)



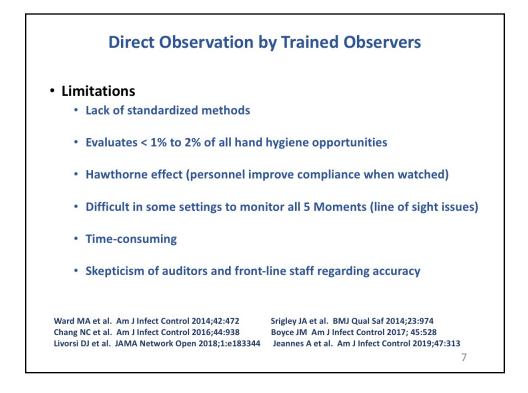


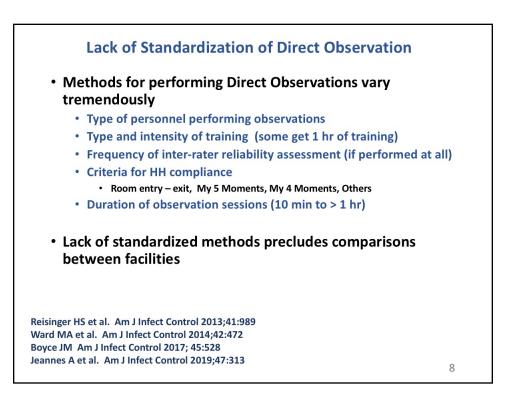
## Effectively Monitoring Hand Hygiene: Direct Observation Only or Combined with Automated Monitoring Dr. John M. Boyce, J.M. Boyce Consulting LLC Teleclass broadcast sponsored by GOJO Canada (www.gojo.com)



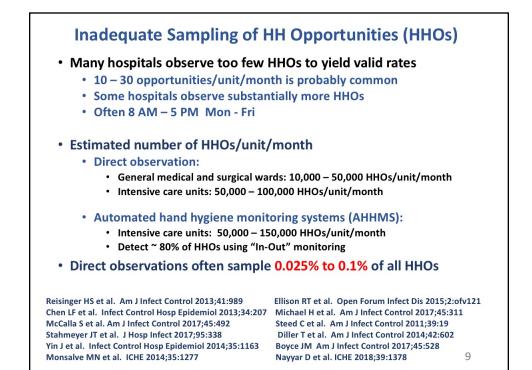


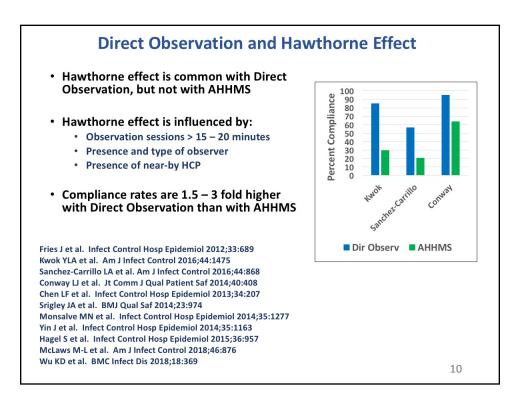
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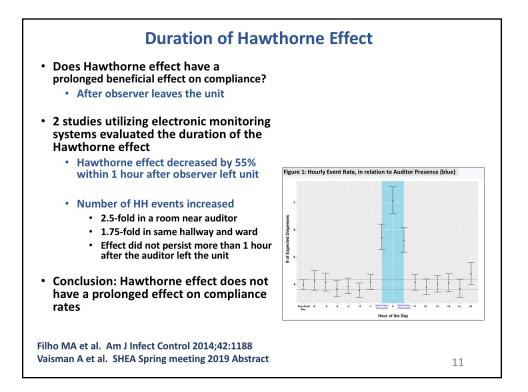


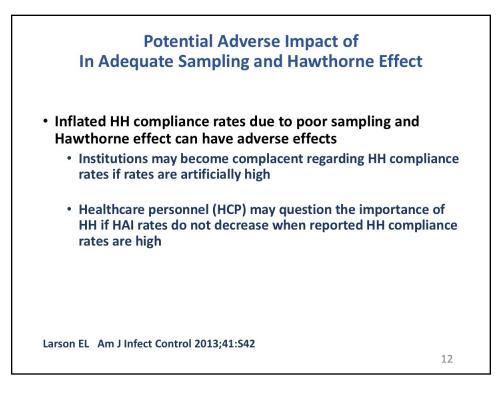
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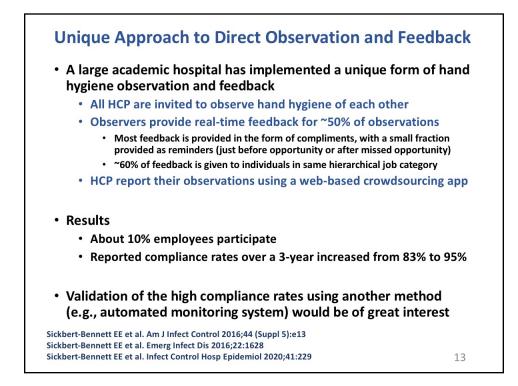


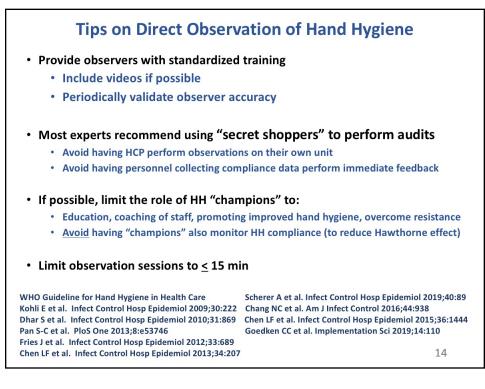
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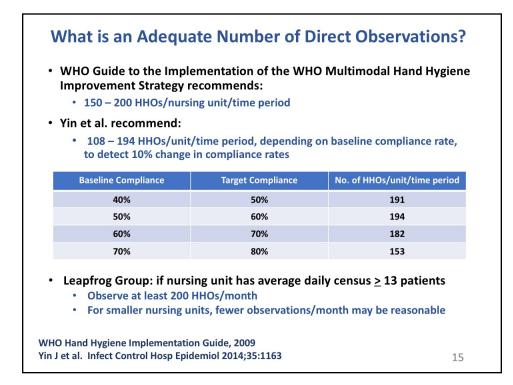


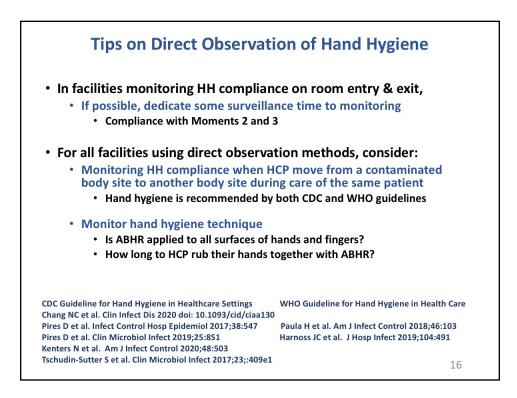
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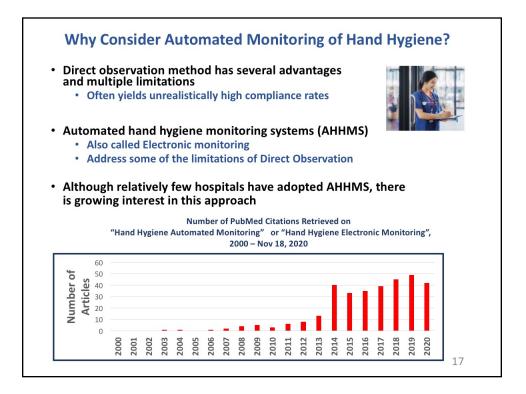


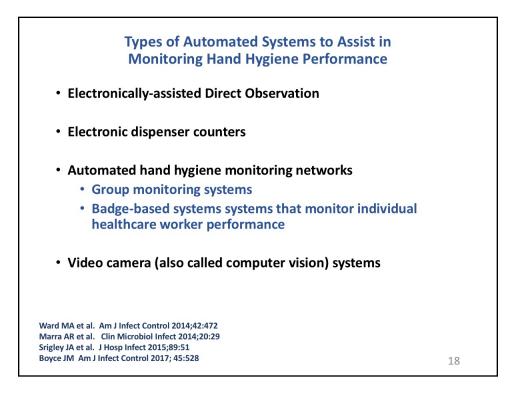
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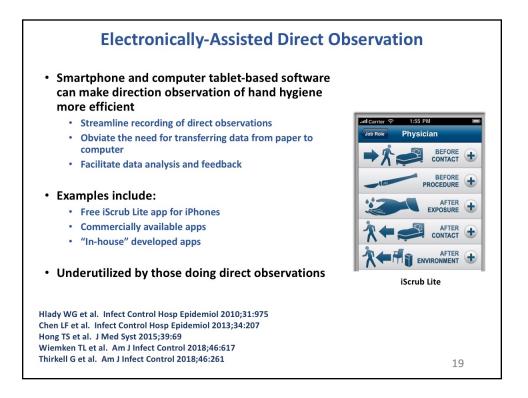


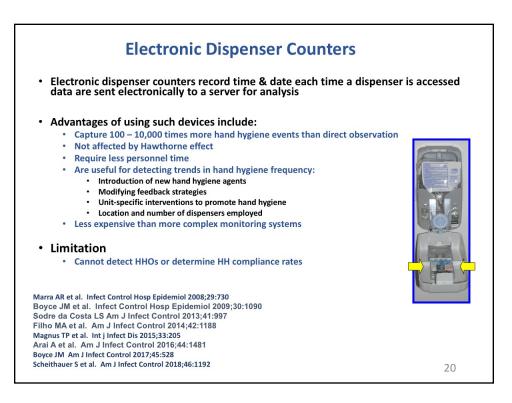
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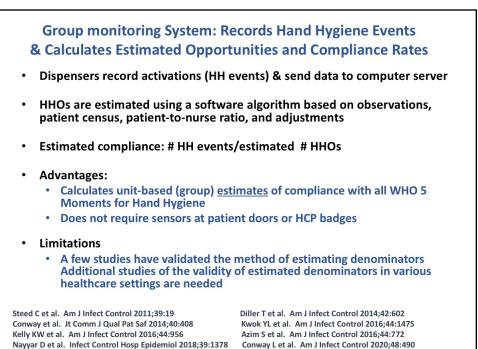


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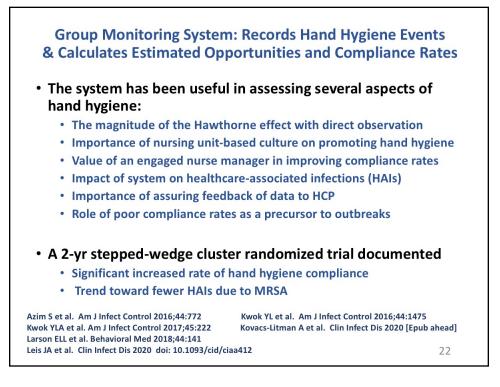




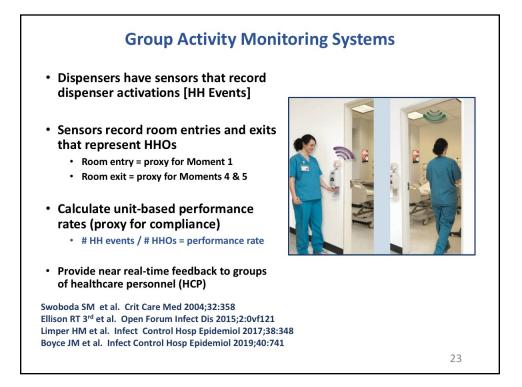
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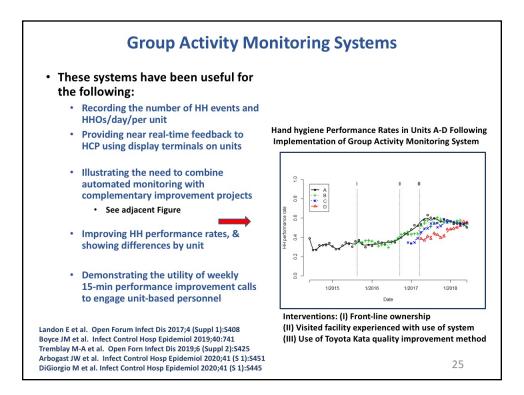


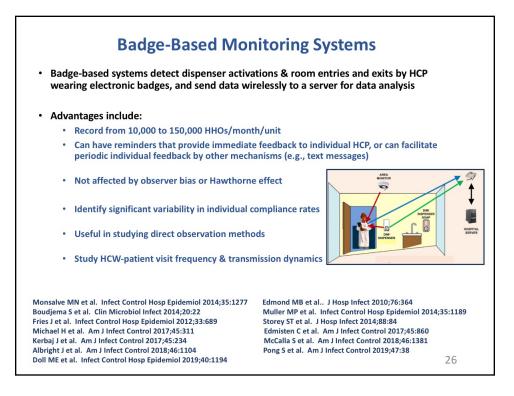
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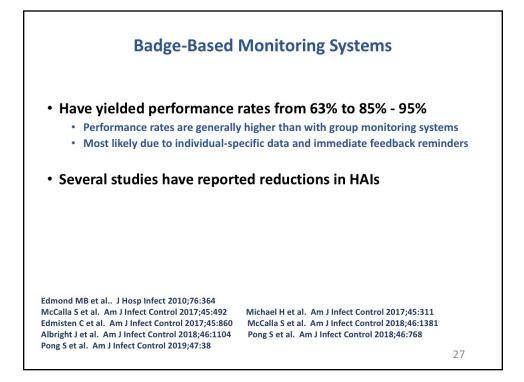
Group Activity Monitoring Systems	
Advantages include:	
Capture 100 to > 10,000 times as many HHOs as direct observation	, on 24/7 basis
<ul> <li>Provide large amount of data on HH performance</li> </ul>	
<ul> <li>Require much less personnel time than direct observation</li> </ul>	
<ul> <li>Not affected by observer bias and Hawthorne effect</li> </ul>	
<ul> <li>Near real-time feedback of performance rates by nursing unit</li> </ul>	
<ul> <li>Perceived by HCP as less intrusive than badge-based systems</li> </ul>	
<ul> <li>Less expensive than badge-based systems</li> </ul>	
Limitations	
Cannot differentiate visitors from HCP entering/exiting rooms	
<ul> <li>Do not provide data on individual variability in compliance rates</li> </ul>	
Limited evidence on ability to sustain improved performance and reduce HAIs	
Ellison RT 3 <sup>rd</sup> et al. Open Forum Infect Dis 2015;2:ofv121 Ward MA et al. Am J Infect Control 2014;42:472 Boyce JM Am J Infect Control 2017; 45:52:	
Landon E et al. Open Forum Infect Dis 2017;4 (Suppl 1):S408 Arbogast JW et al. AJIC 2019:47:585	-
Boyce JM et al. Infect Control Hosp Epidemiol 2019;40:741	24

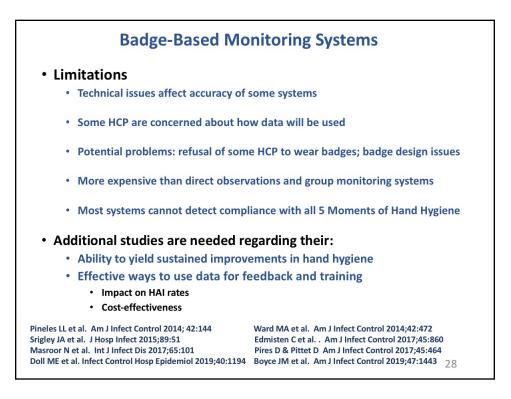
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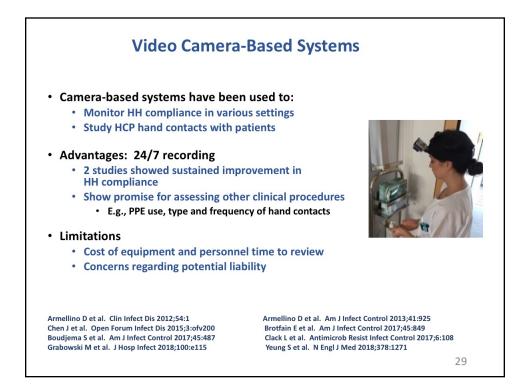


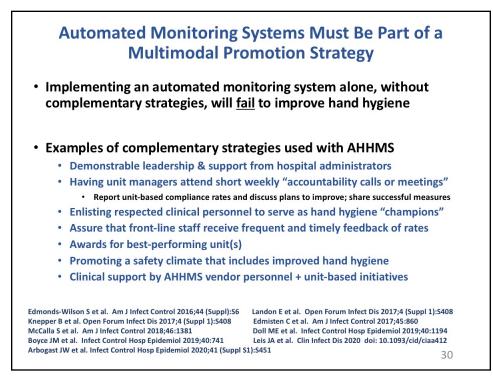
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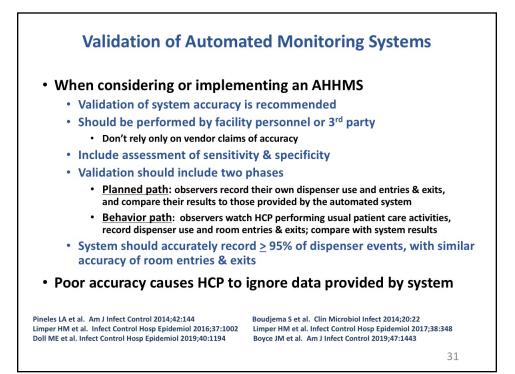


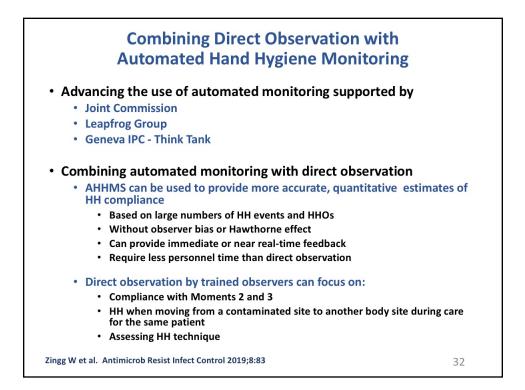
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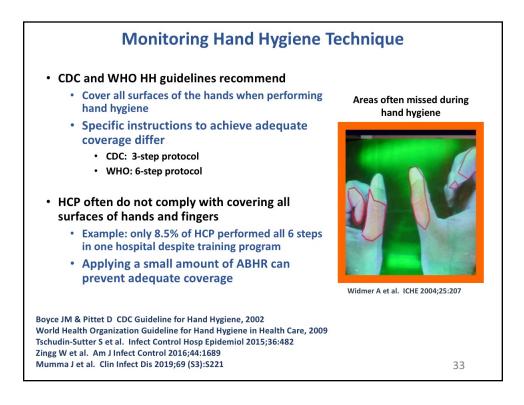


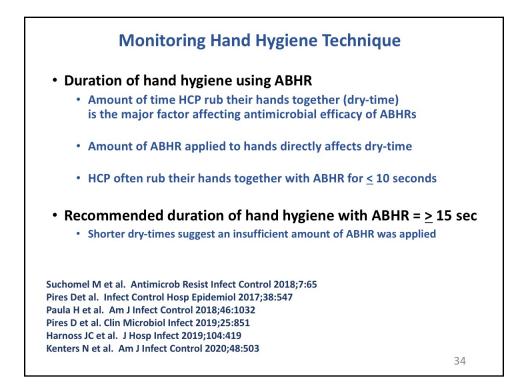
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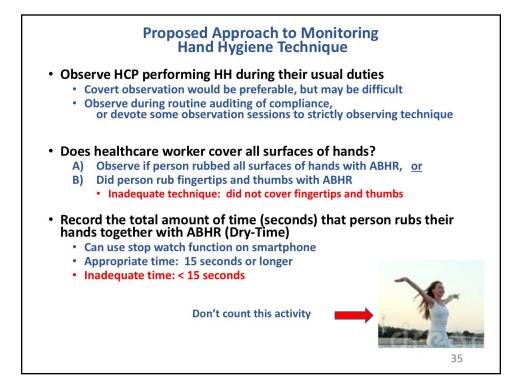


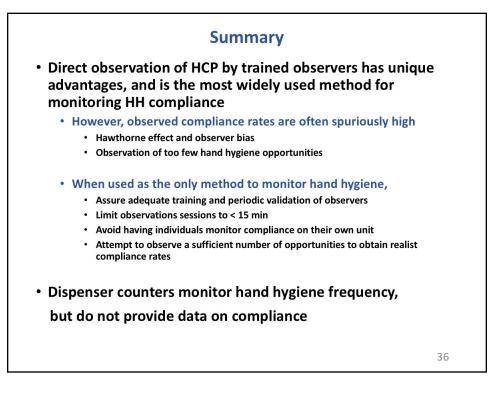
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Summary
<ul> <li>Automated group monitoring systems and badge-based systems provide large amounts of data on hand hygiene events and opportunities</li> <li>Without Hawthorne effect or observer bias</li> <li>Require less personnel time than direct observation</li> </ul>
Limitations:
<ul> <li>Some systems have had suboptimal accuracy</li> <li>Acceptance by HCP can vary</li> <li>Not effective unless accompanied by complementary strategies</li> <li>More data are needed on:         <ul> <li>Their ability to sustain improved compliance rates and reduce HAIs</li> <li>Cost-effectiveness</li> </ul> </li> </ul>
<ul> <li>Combining automated monitoring with direct observation will likely provide the most accurate information regarding hand hygiene performance</li> </ul>



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www.webbertraining.com/schedulep1.php	
December 10, 2020	MAKING BEHAVIOUR CHANGE INTERVENTIONS EFFECTIVE BY APPLYING BEHAVIOUR CHANGE THEORY Speaker: Prof. Colin Furness, University of Toronto
December 17, 2020	( <u>FREE Teleclass)</u> <u>COVID-19 AND INFLUENZA TRANSMISSION</u> Speaker: Dr Julian W Tang, Respiratory Services, University of Leicester, UK
January 14, 2021	( <u>FREE Teleclass</u> ) <u>COVID FAKERY</u> Speaker: Prof. Didier Pittet, University of Geneva Hospitals, Switzerland
January 21, 2021	( <u>FREE Teleclass)</u> <u>COVID IN NURSING HOMES</u> Speaker: <b>Prof. Allison McGeer</b> , University of Toronto
February 4, 2021	SUPPORTING THE PSYCHOLOGICAL SAFETY AND WELLBEING OF HEALTHCARE WORKERS THROUGH UNCERTAIN TIMES Speaker: Amy Pack, Canadian Patient Safety Institute
February 9, 2021	( <u>European Teleclass)</u> ANTIMICROBIAL STEWARDSHIP IN ASIA PACIFIC – GLOBAL BELLWEATHER? Speaker: Prof. Anucha Apisarnthanarak, Thammasat University Hospital, Thailand
Echsuony 17, 2021	(FREE South Pacific Teleclass)

