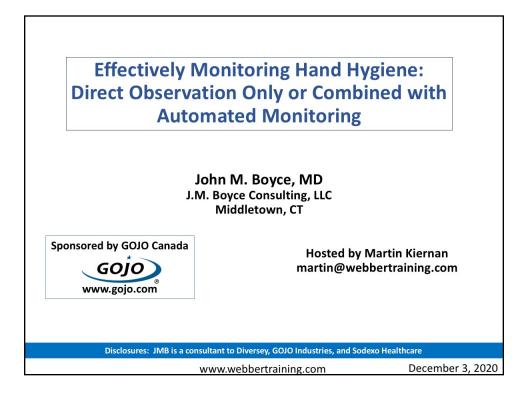
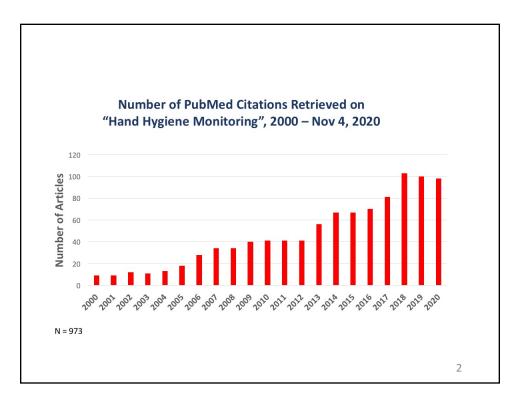
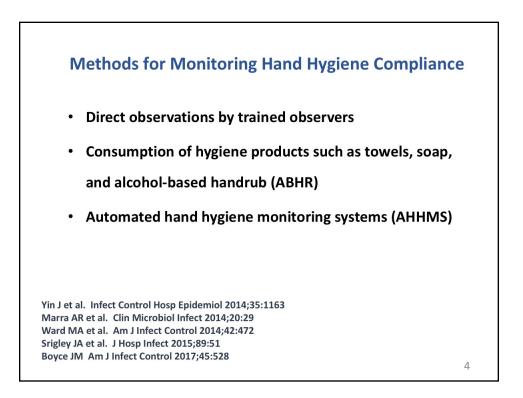
Effectively Monitoring Hand Hygiene: Direct Observation Only or Combined with Automated Monitoring Dr. John M. Boyce, J.M. Boyce Consulting LLC Teleclass broadcast sponsored by GOJO Canada (www.gojo.com)



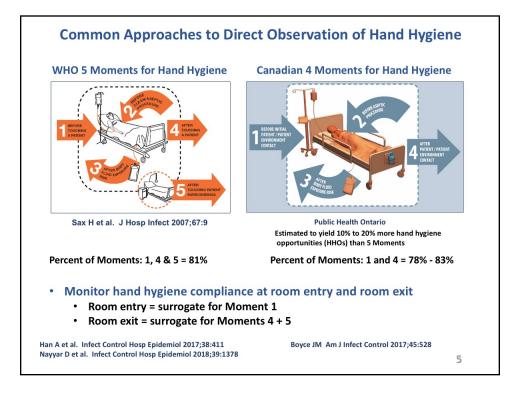


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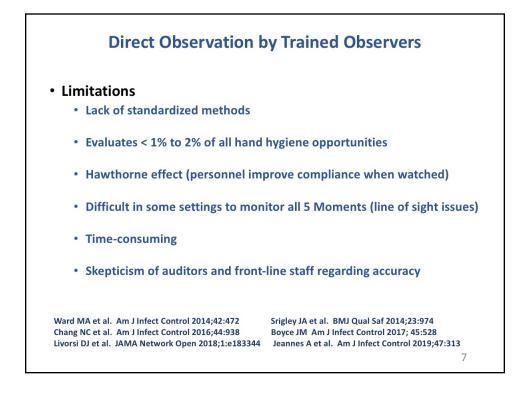


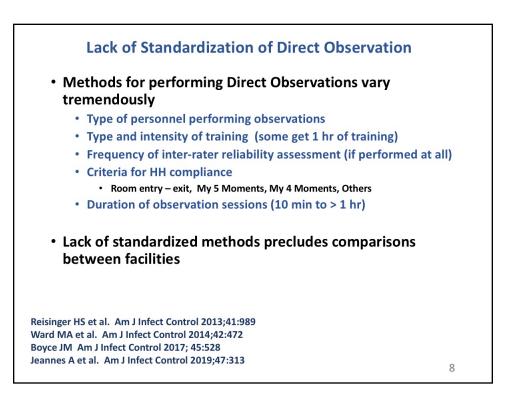
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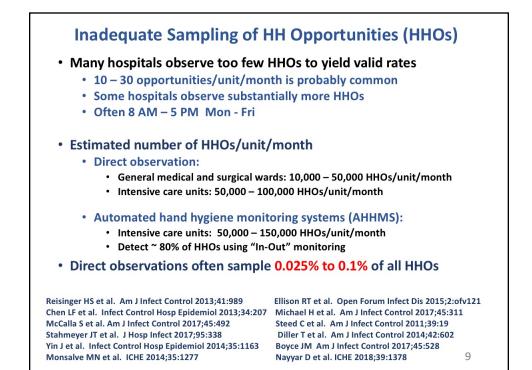


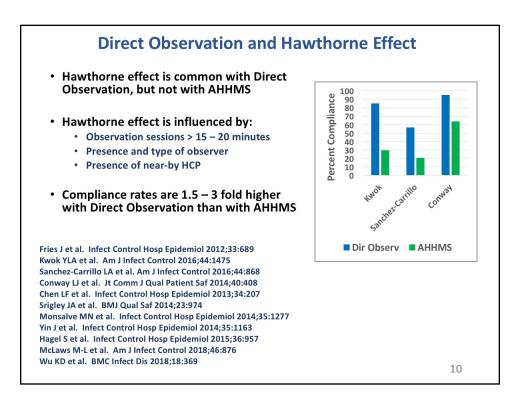
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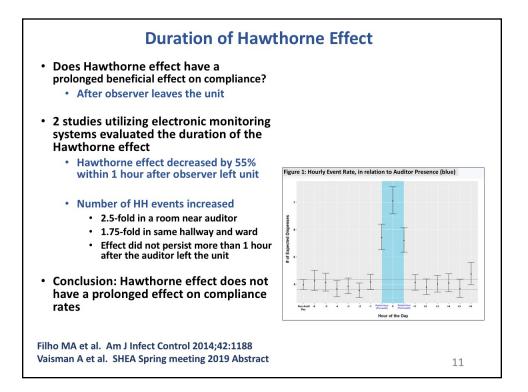


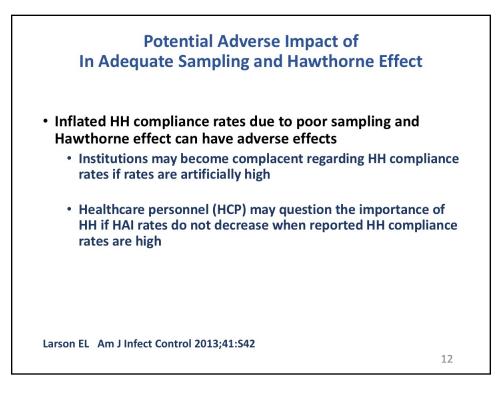
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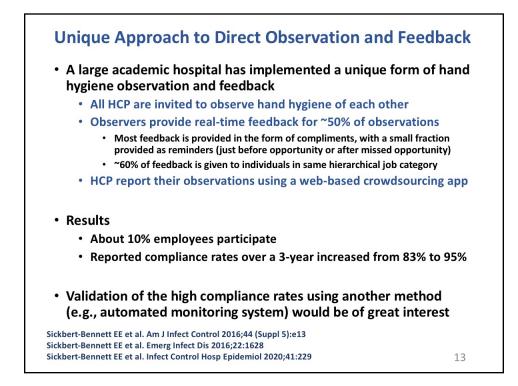


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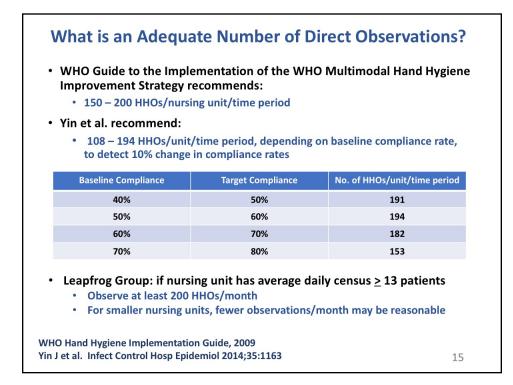


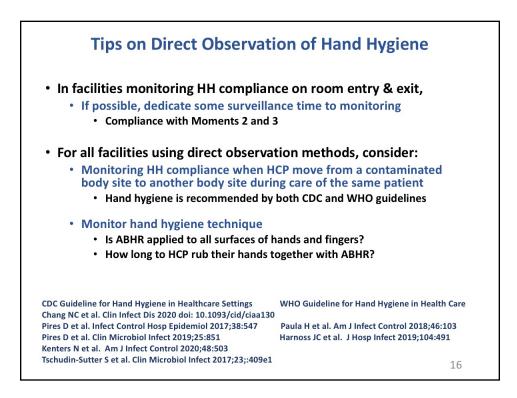
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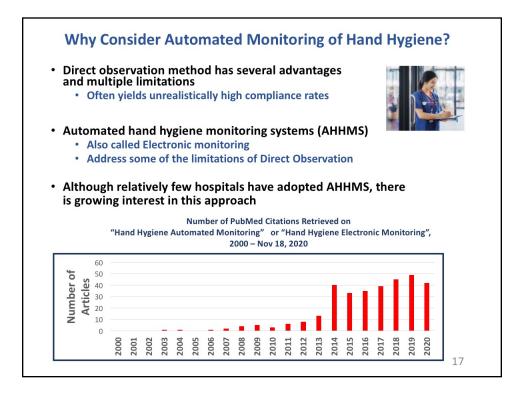


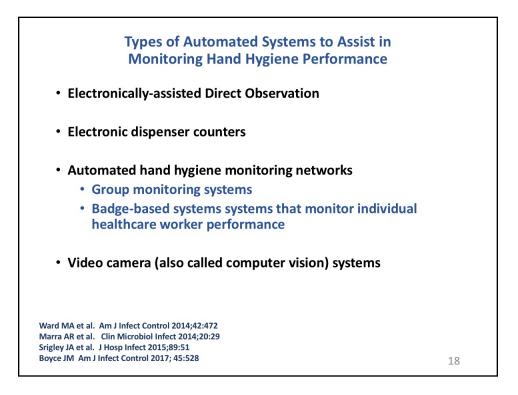
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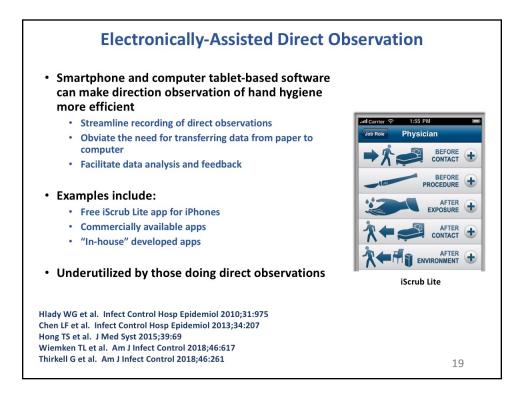


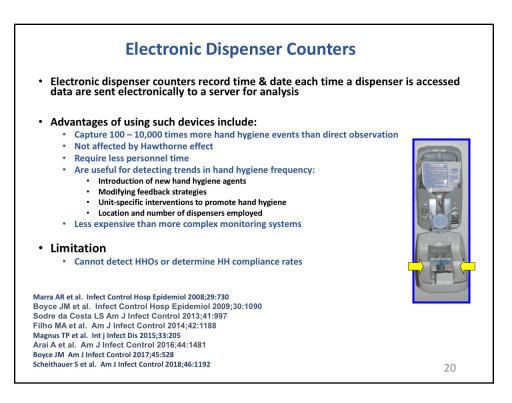
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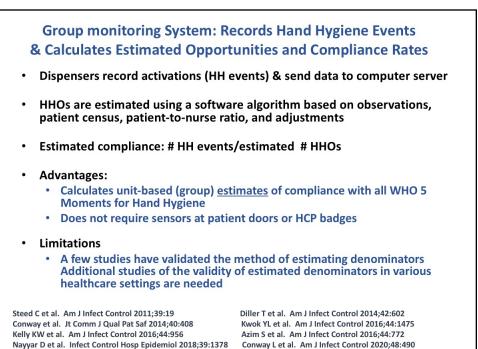


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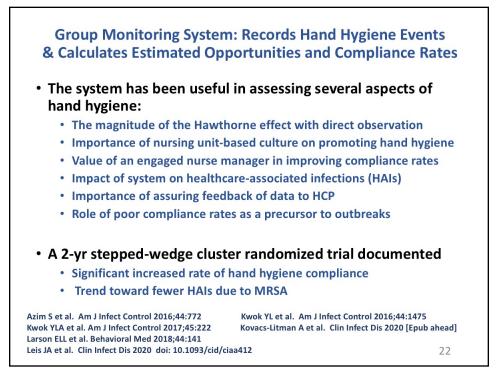




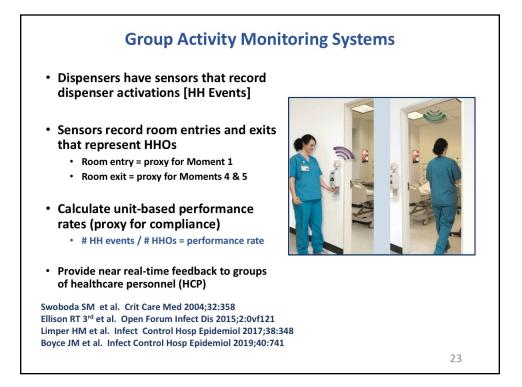
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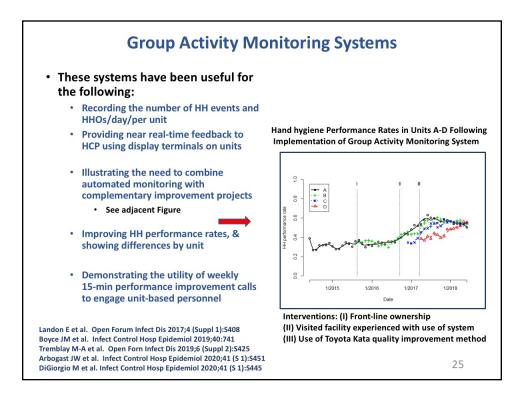


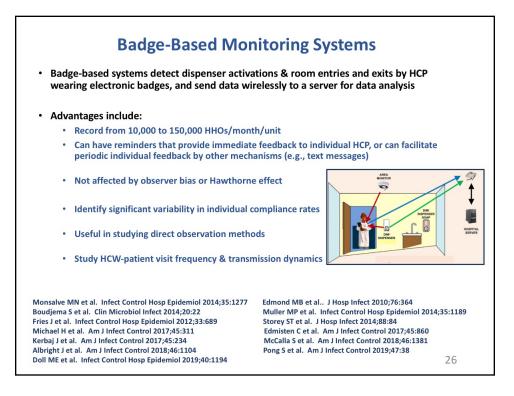
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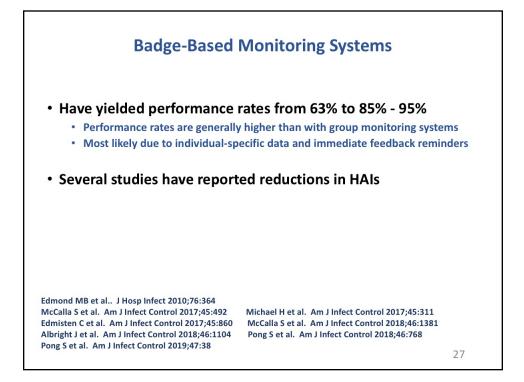
Group Activity Monitoring Systems	
Advantages include:	
Capture 100 to > 10,000 times as many HHOs as direct observation	, on 24/7 basis
 Provide large amount of data on HH performance 	
 Require much less personnel time than direct observation 	
 Not affected by observer bias and Hawthorne effect 	
 Near real-time feedback of performance rates by nursing unit 	
 Perceived by HCP as less intrusive than badge-based systems 	
 Less expensive than badge-based systems 	
Limitations	
Cannot differentiate visitors from HCP entering/exiting rooms	
 Do not provide data on individual variability in compliance rates 	
Limited evidence on ability to sustain improved performance and reduce HAIs	
Ellison RT 3 rd 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

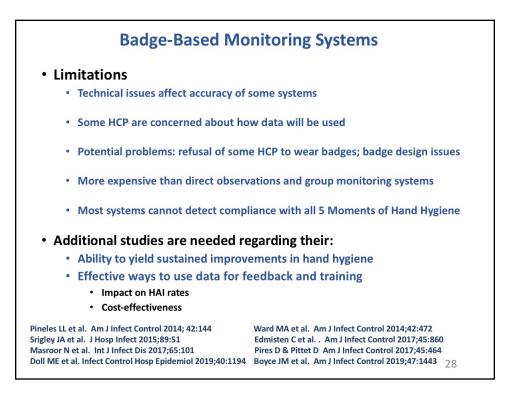
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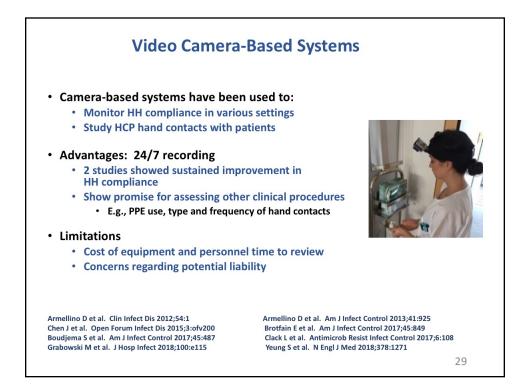


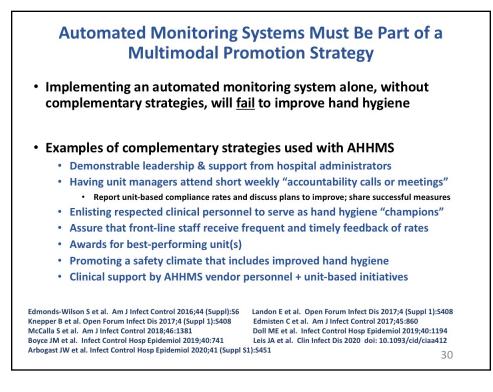
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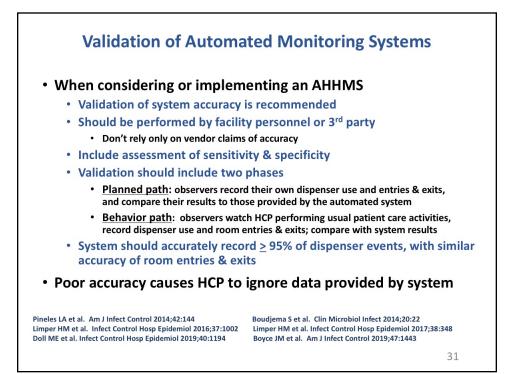


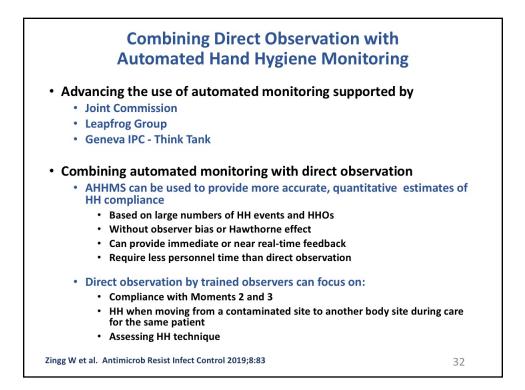
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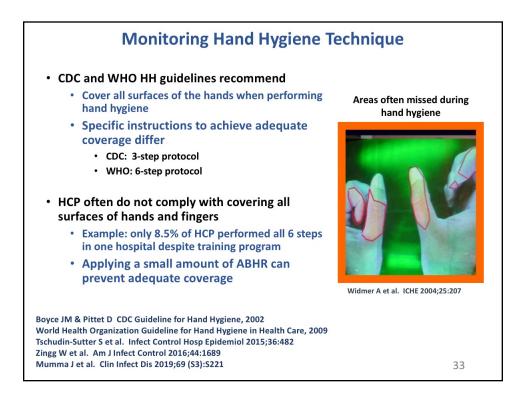


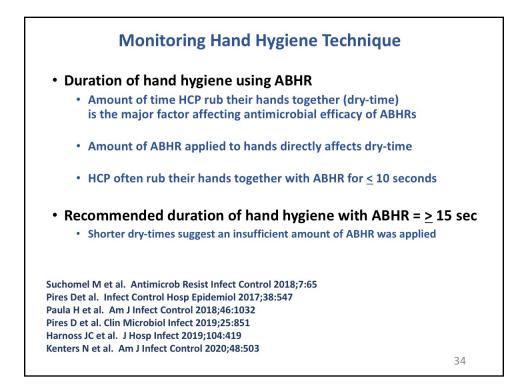
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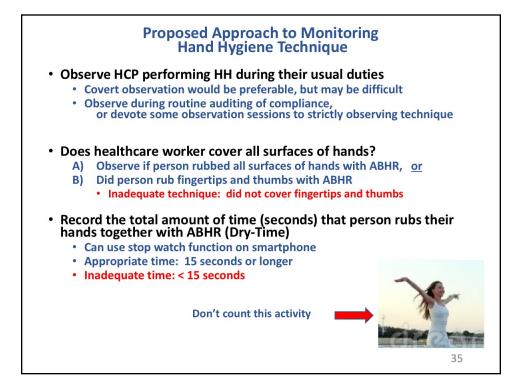


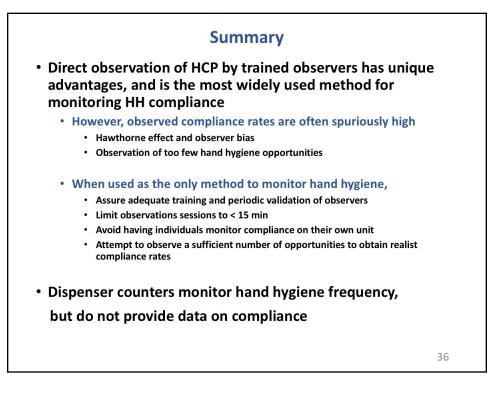
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Summary
 Automated group monitoring systems and badge-based systems provide large amounts of data on hand hygiene events and opportunities Without Hawthorne effect or observer bias Require less personnel time than direct observation
Limitations:
 Some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



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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: Prof. Allison McGeer , 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)

