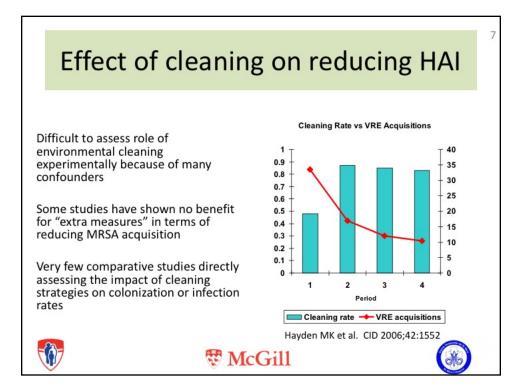
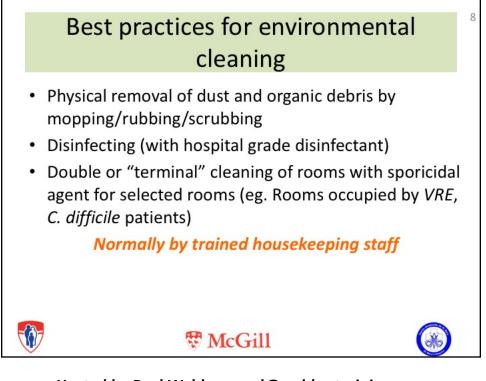


ine noopitai	environn	lent
Hospital surfaces frequently	Organism	Length of Survival on Surfaces
contaminated with	Staphylococcus aureus	7 days – >1 year
microorganisms (shed from	Clostridium difficile	5 months
patients), which can survive on inanimate surfaces for long durations	Klebsiella spp.	<1 hour - 30 months
	E. coli	<1 hour - 16 months
	Acinetobacter spp.	3 days - 5 months
Transfer of misso anonisms to	Adenovirus	7 days – 3 months
Transfer of microorganisms to patients generally occurs through hand contact,	Norovirus	8 hours – 14 days
	Pseudomonas aeruginosa	6 hours – 16 months
Surfaces generally not directly	VRE	5 days – 4 months
associated with transmission	Kromor A at al PMC Infactio	ous Diseases. 2006;6(1):130.

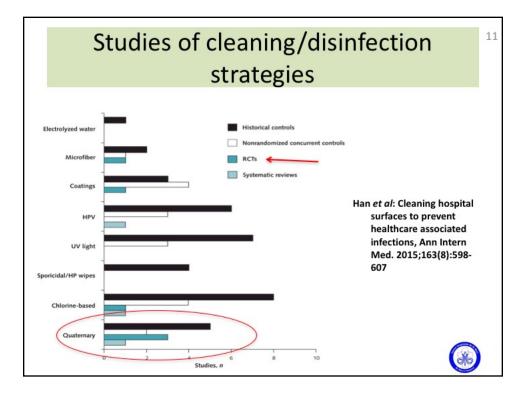


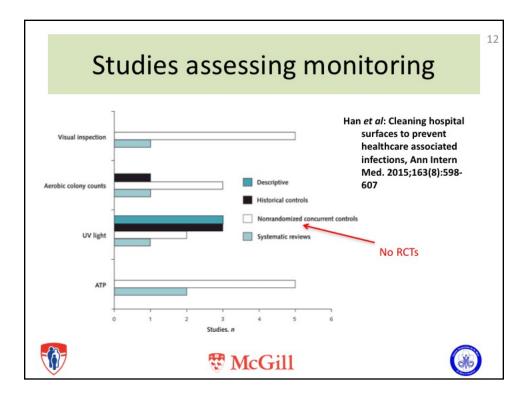


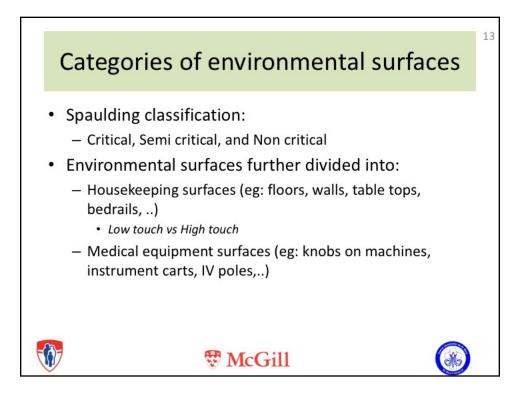




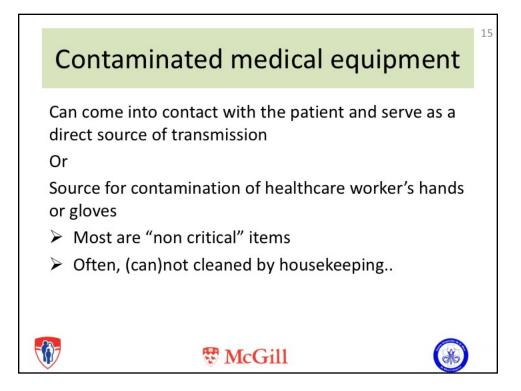
Percentage cleaned 95%		0506	Variability in cleaning					
Object	Mean ± SD Range		03%					
Sink Toilet seat Tray table Bedside table Toilet handle Side rail	$82 \pm 12 76 \pm 18 77 \pm 15 64 \pm 22 60 \pm 22 60 \pm 21 $	57-97 40-98 53-100 23-100 23-89 25-96	77-88 68-84 71-84 54-73 50-69 51-69	high risk objects				
Call box Telephone Chair Toilet door knobs Toilet hand hold Bedpan cleaner Room door knobs	$50 \pm 19 \\ 49 \pm 16 \\ 48 \pm 28 \\ 28 \pm 22 \\ 28 \pm 23 \\ 25 \pm 18 \\ 23 \pm 19 \\ 19$	9-90 18-86 11-100 0-82 0-90 0-79 2-73	42-58 42-56 35-61 18-37 18-38 17-33 15-31	-				
NOTE. CI, confidence inte Carling et al: Ide ppportunities to environmental c are hospitals, IG	entifying enhance cleaning in 2	23 acute		Fucurs 1. Rates of cleaning for the 4 types of object with the highest cleaning rates and the 4 types of object with the lowest r				

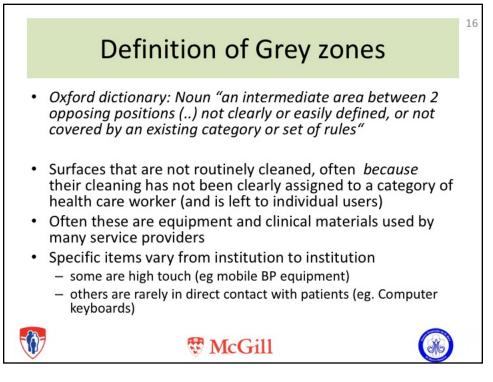


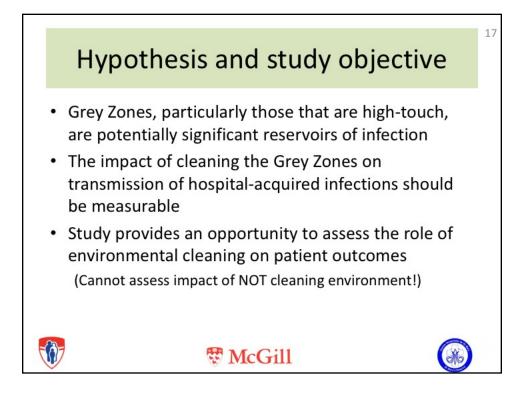


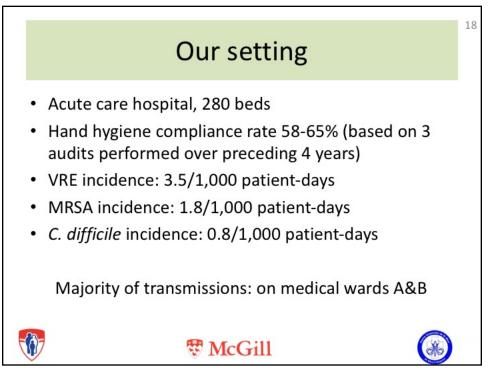


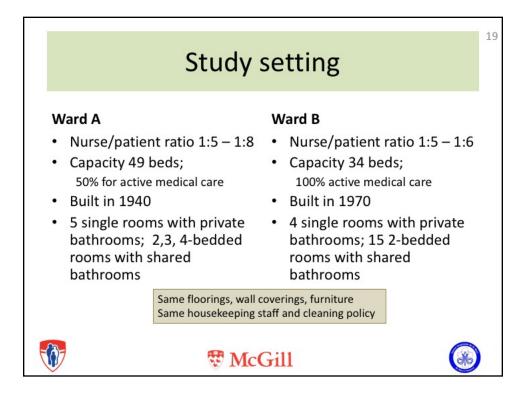


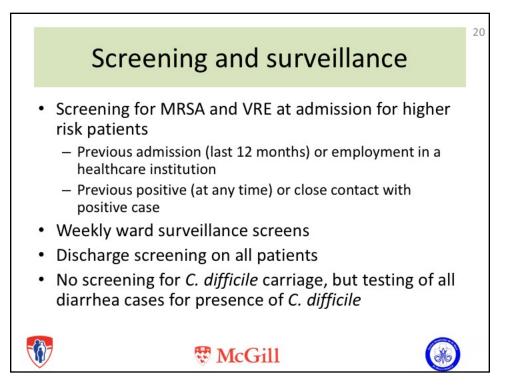


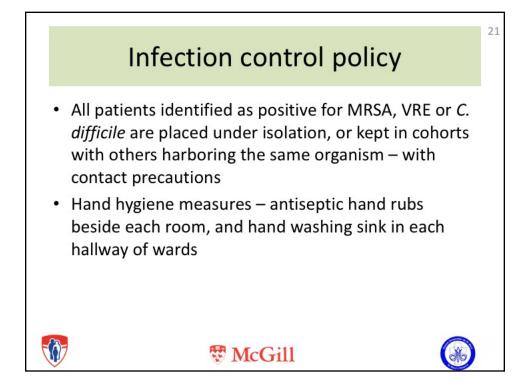


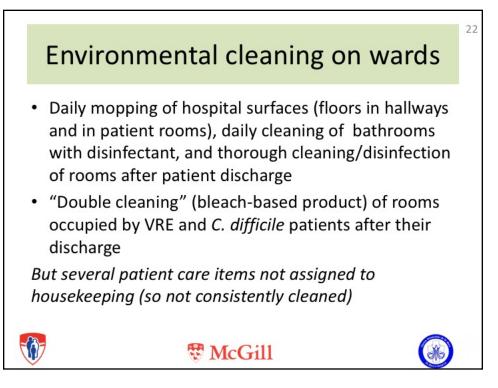


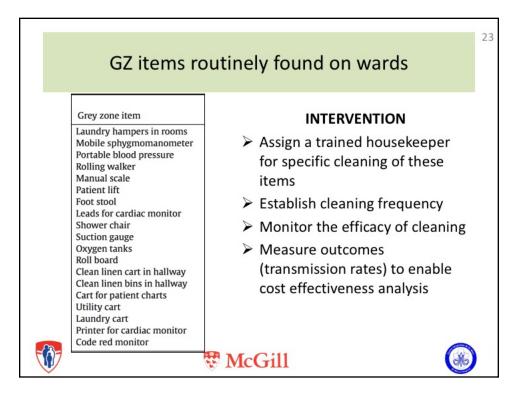




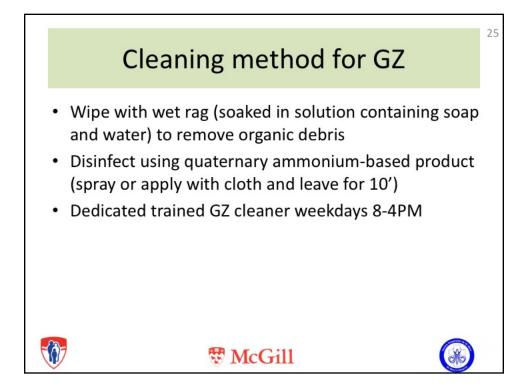




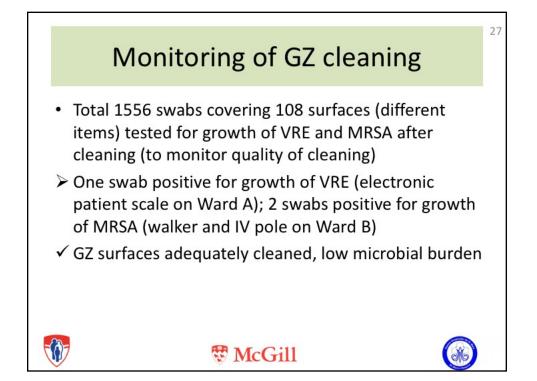


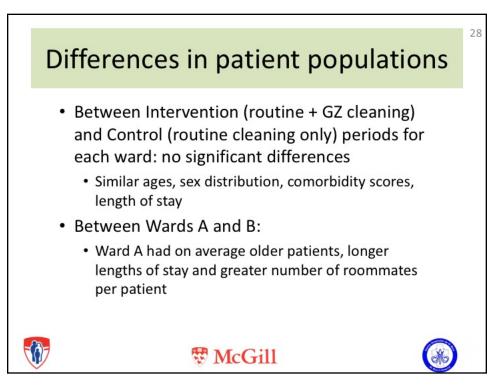


	able 1 ams listed as grey zones on eac	h ward, and cleaning freque		
	Grey zone item	Frequency of cleaning	Grey zone item in use on ward(s)	
/	Laundry hampers in rooms	Daily (between patients)	A, B	
	Mobile sphygmomanometer	Daily (between patients)	A, B	
	Portable blood pressure	Daily (between patients)	A, B	
	Rolling walker	Daily (between patients)	A, B	
	Manual scale	Daily (between patients)	A, B	
	Patient lift	Daily (between patients)	A, B	
	Foot stool	Daily (between patients)	A, B	
	Leads for cardiac monitor	Daily (between patients)	В	
	Shower chair	Daily (between patients)	A, B	
	Suction gauge	Daily (between patients)	A, B	
	Oxygen tanks	Daily (between patients)	A	
	Roll board	Daily (between patients)	A	
	Clean linen cart in hallway	Weekly	A, B	
	Clean linen bins in hallway	Weekly	A, B	
	Cart for patient charts	Weekly	В	
	Utility cart	Weekly	В	
	Laundry cart	Weekly	В	
	Printer for cardiac monitor	Weekly	В	
	Code red monitor	Weekly	A	

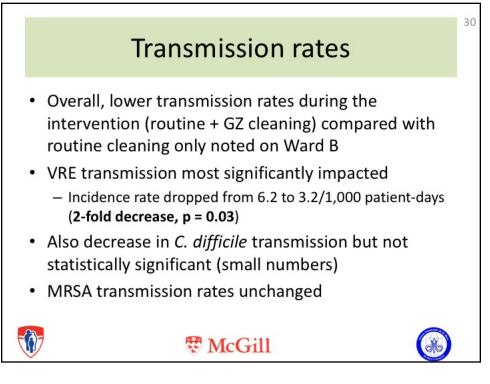


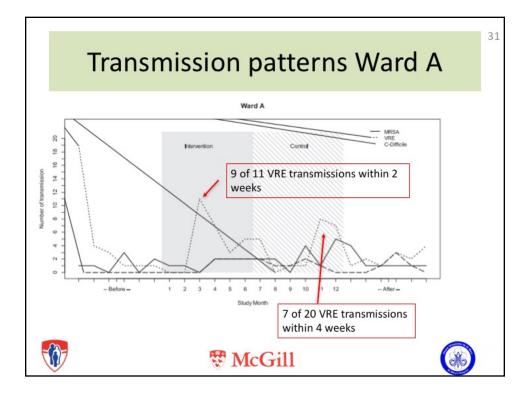
oss ove	r design	
	Period 1 (182 days) (Sept 2013 – March 2014)	Period 2 (182 days) (April 2014 – Oct 2014)
Ward A	Routine + GZ cleaning	Routine (control)
Ward B	Routine (control)	Routine + GZ cleaning
	ecks (daily, by head nurse) al testing for growth of MRSA and VRE	from random sampling of

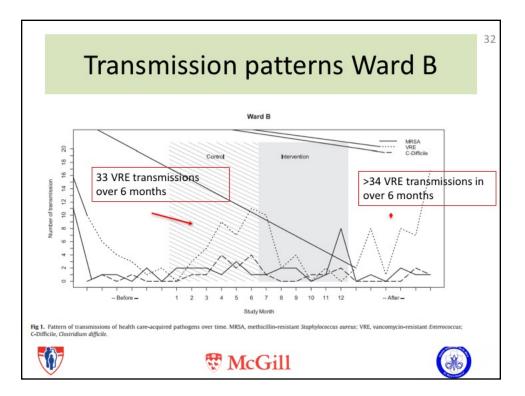


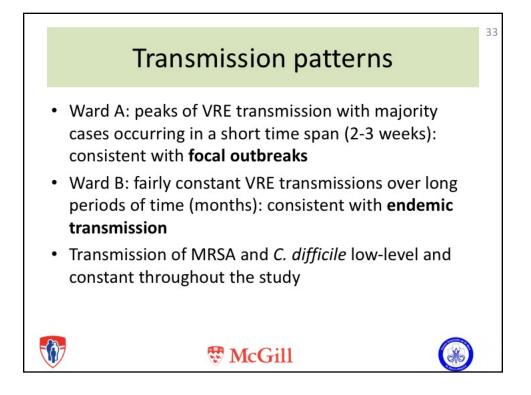


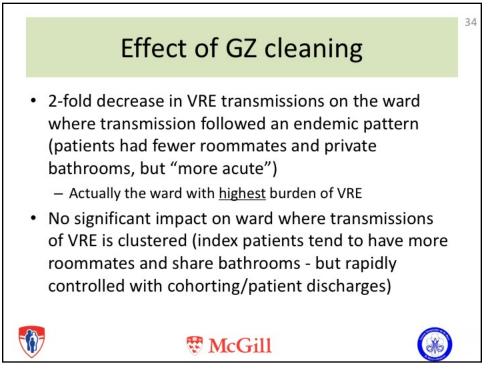
rection	incidence rates (per 1,000 patient-days) by per	ou anu	by ward (i	= =,=,=,1)			Poisson regr	ession model		
		Ce	ntrol	Inter	vention	Univariate	onsonregi	Multivariable'	ivariable*	
Ward	Pathogen transmission	n	IR [†]	n	IR	IRR [‡] (95% confidence interval)	Pvalue	IRR [‡] (95% confidence interval)	Pvalue	
A	Methicillin-resistant Staphylococcus aureus	10	1.45	8	1.11	0.76 (1.96-0.30)	.577	0.76 (2.00+0.29)	.584	
	Vancomycin-resistant Enterococcus	20	2.9	19	2.65	0.91 (1.69-0.48)	.772	0.91 (1.67-0.50)	.765	
	Clostridium difficile	6	0.87	5	0.7	0.80 (2.63-0.24)	.712	0.71 (2.38-0.22)	.582	
	Any of 3	34	4.94	31	4.32	0.87 (1.43-0.54)	.589	0.87 (1.39-0.54)	.554	
	Total of 3	36	5.23	32	4.46	0.85 (1.37-0.53)	.512	0.85 (1.37=0.52)	.494	
В	Methicillin-resistant S aureus	11	2.05	12	2.26	1.10 (2.5-0.48)	.817	1.2 (2.56-0.56)	.630	
	Vancomycin-resistant Enterococcus C difficile	33	6.16	5	3.2	0.52 (0.93-0.29) 0.50 (1.47-0.17)	.029	0.54 (0.94-0.31) 0.56 (1.67-0.19)	.303	
	Any of 3	45	8.59	34	6.41	0.75 (1.16-0.48)	.196	0.78 (1.18-0.52)	.239	
	Total of 3	54	10.08	34	6.41	0.64 (0.98-0.41)	.039	0.66 (1.01-0.44)	.053	
djusted er 1,000	Id values are statistically significant P < .05. IR, d by age, sex, Charlson comorbidity index scores 0 patient-days. tion versus control.						ed admission	ns across same patient.		

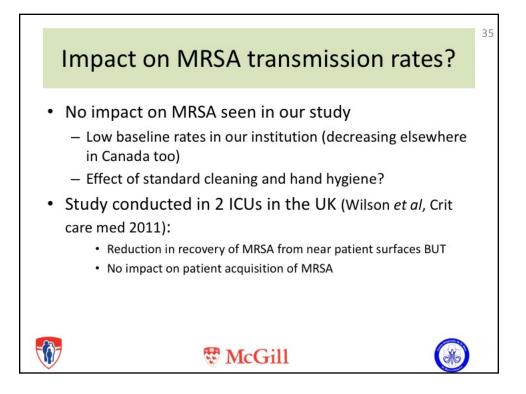


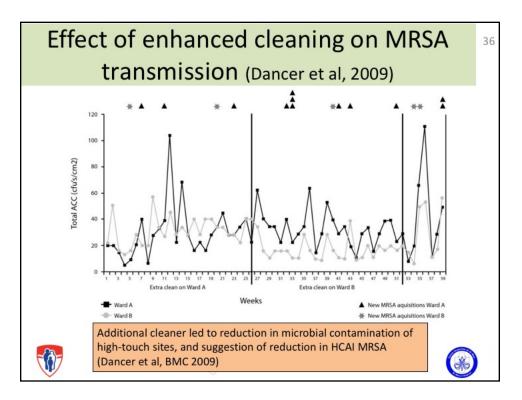


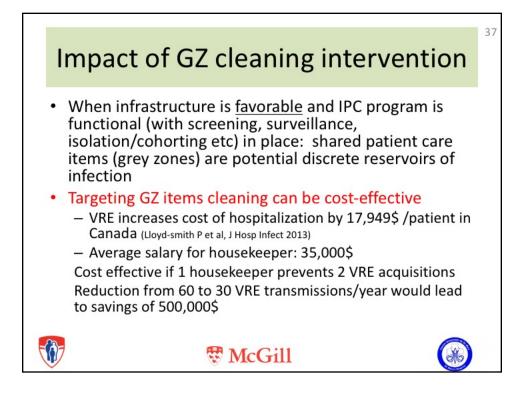


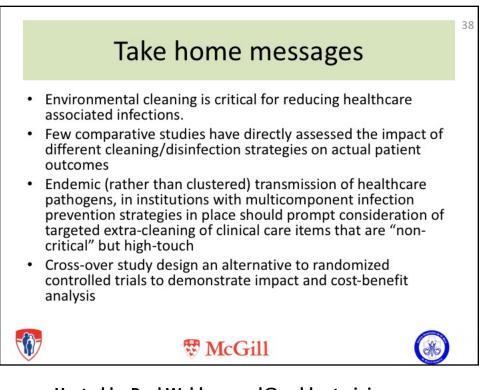


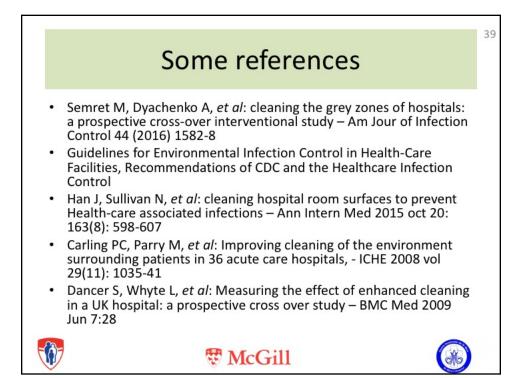


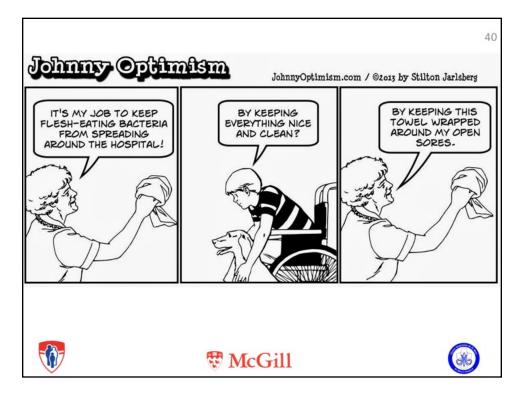












Hosted by Paul Webber paul@webbertraining.com www.webbertraining.com



V	/ww.webbertraining.com/schedulep1.php
November 20, 2017	(FREE South Pacific Teleclass - Broadcast live from the 2017 ACIPC conference) EVIDENCE CHALLENGES IN INFECTION PREVENTION AND CONTROL Speaker: Prof. Frank Bowden, Dr. Chong Ong, Emily Larsen, and Prof. Allen Cheng Broadcast live from the 2017 conference of the Australasian College of Infection Prevention and Control
November 21, 2017	(European Teleclass) THE ROLE OF RAPID DIAGNOSTICS IN PREVENTING HEALTHCARE INFECTION Speaker: Dr. Hilary Humphreys, The Royal College of Surgeons in Ireland
December 7, 2017	BEYOND HIGH-TOUCH SURFACES: FLOORS, PORTABLE EQUIPMENT, AND OTHER POTENTIAL SOURCES OF HEALTHCARE INFECTION TRANSMISSION Speaker: Prof. Curtis J. Donskey, Case Western Reserve University, Cleveland
December 14, 2017	(FREE Teleclass) ENHANCED PERFORMANCE FEEDBACK AND PATIENT PARTICIPATION TO IMPROVE HAND HYGIENE COMPLIANCE Speaker: Dr. Hugo Sax, University of Zurich Hospitals, and Dr. Andrew Stewardson, Hand Hygiene Australia Sponsored by GOJO (www.gojo.com)

