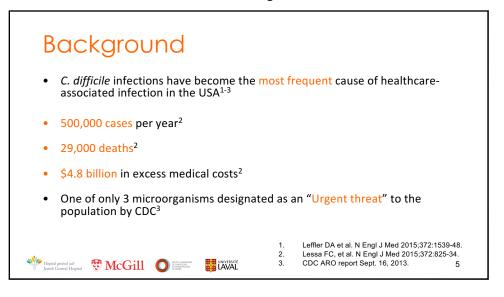
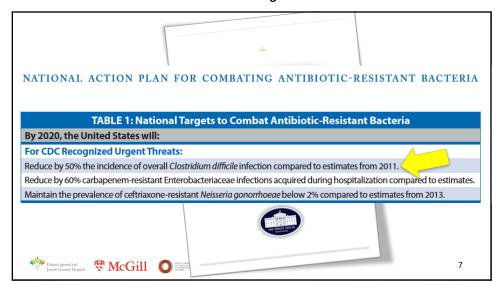


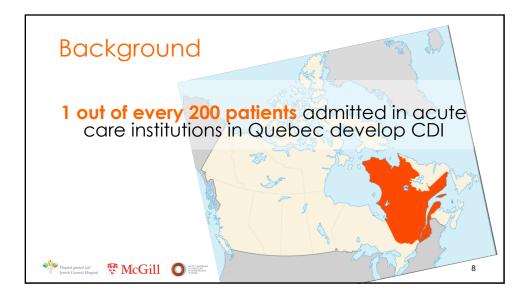
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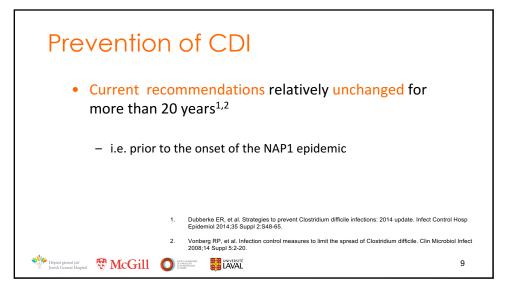


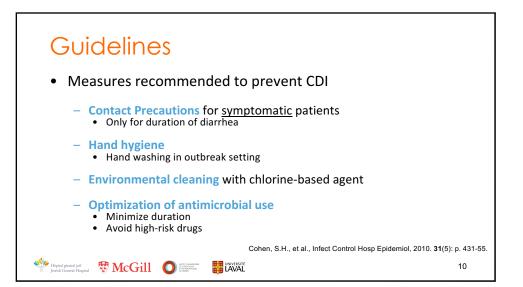
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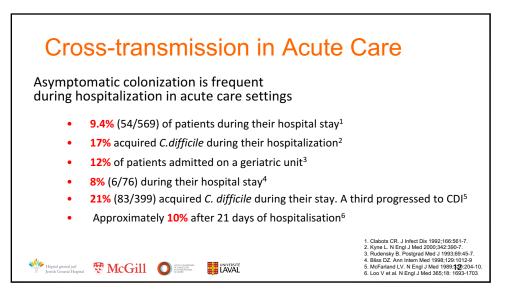


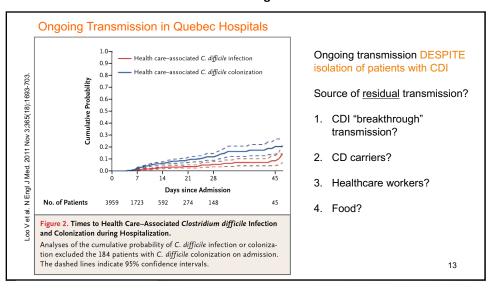
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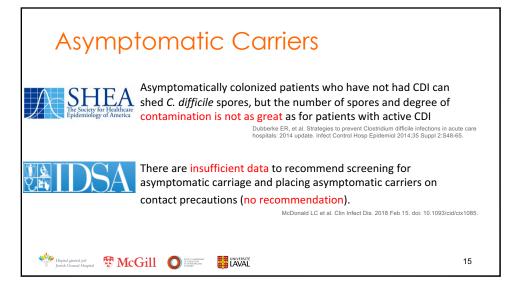


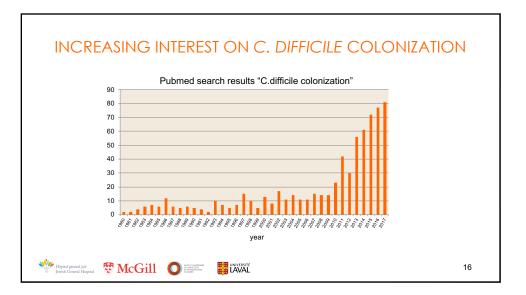




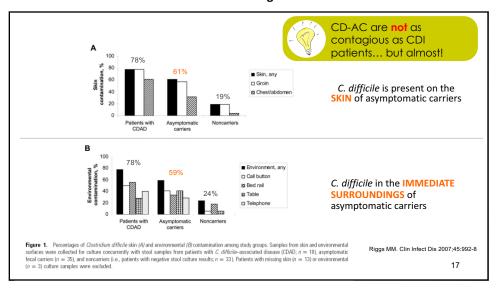


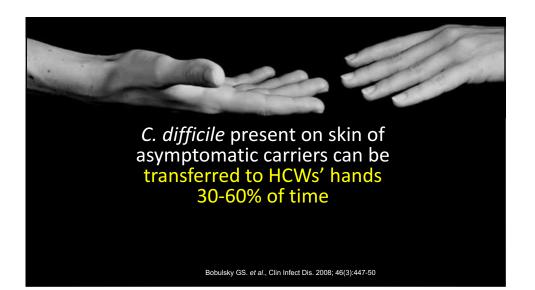
ORIGINAL ARTICLE	Type, for 910 Meals		
An Evaluation of Food as a Potential Source for Clostridium dif	Food item	Total	C. difficile, n (%)
Acquisition in Hospitalized Patients	Meat	308	0
	Poultry	142	0
	Fruit	179	0
Jennie H. Kwon, MSCI; <sup>1</sup> Cristina Lanzas, DVM, PhD; <sup>2</sup> Kimberly A. Reske, MPH; <sup>1</sup> Tiffany Hink, BS; <sup>1</sup> Sondra M. Se Kerry M. Bommarito, PhD; <sup>1</sup> Carey-Ann D. Burnham, PhD; <sup>3</sup> Erik R. Dubberke, MD, MSPH <sup>1</sup>	Vegetables	455	1 (<1) <sup>a</sup>
Kerry M. Dommanto, FnD; Carey-Ann D. Burnham, PhD; EnK K. Dubberke, MD, MSPH	Nuts	1	0
	Dairy/eggs	210 376	0
<b>STOCHASTIC MODELING:</b> FOOD WOULD	Bread/grains Other <sup>b</sup>	200	$1 (<1)^{a}$ $1 (1)^{c}$
COLONIZED PATIENT /1,000 ADMS.	san 1 of 2 pa	ts had food atients teste found nega	d for CD at
Kwon JH et al. Infect Control Hosp Epidemiol 2016;37:1401–1407			

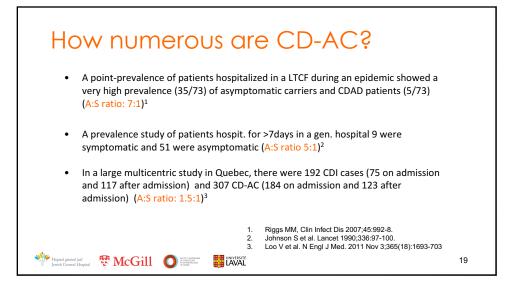


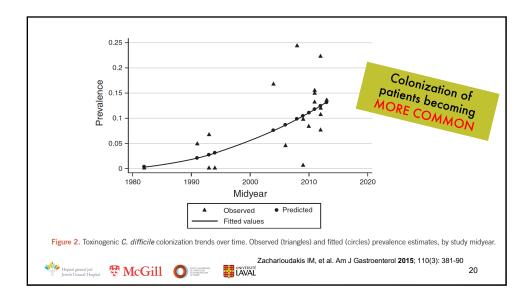


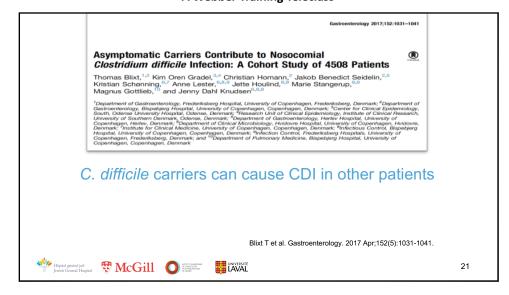
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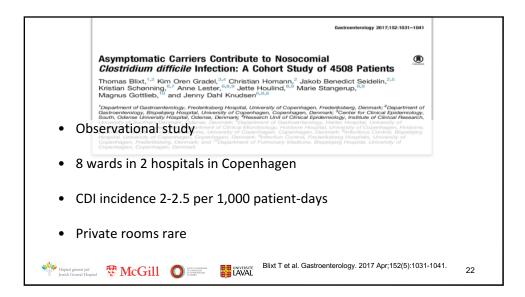


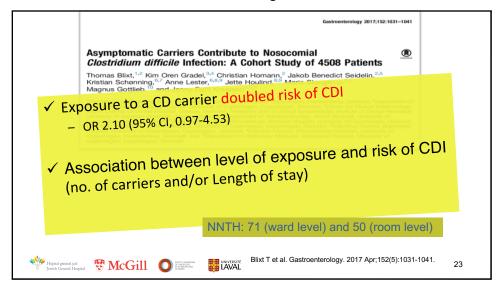


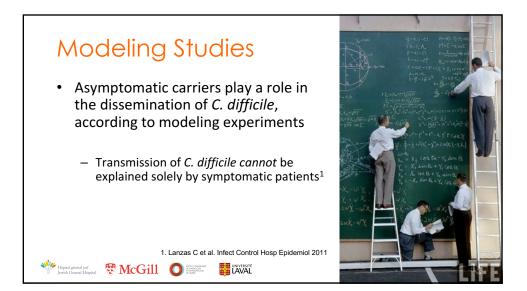




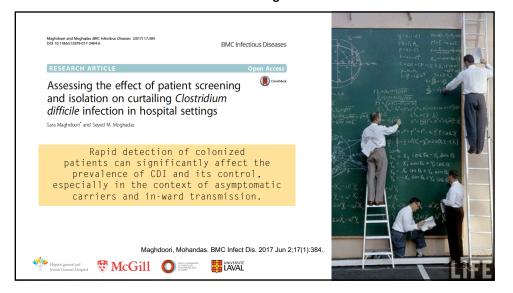


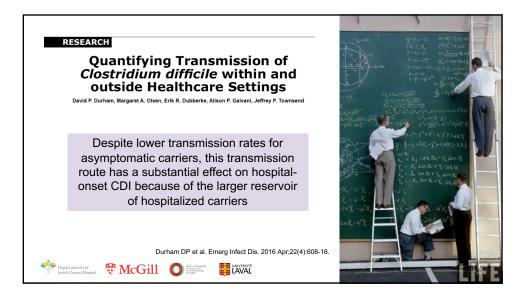




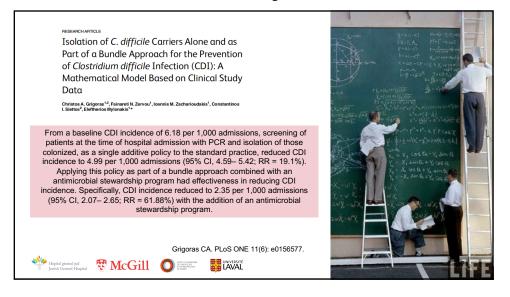


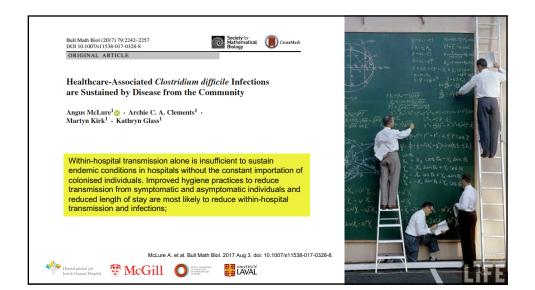
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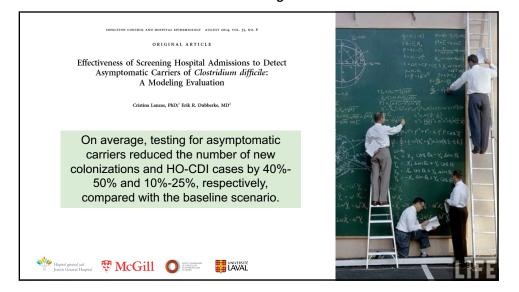




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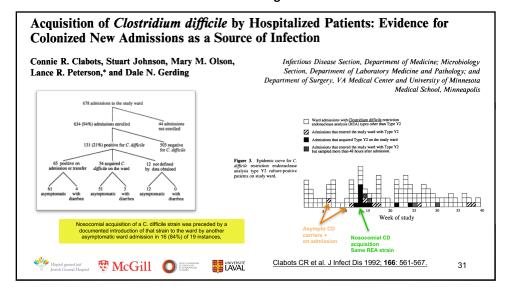


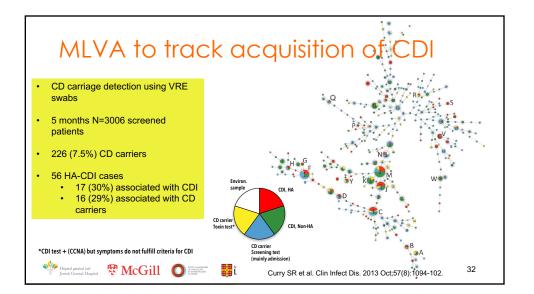


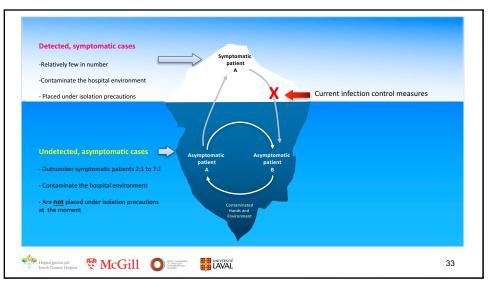


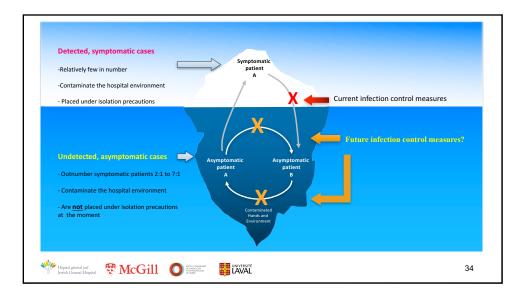


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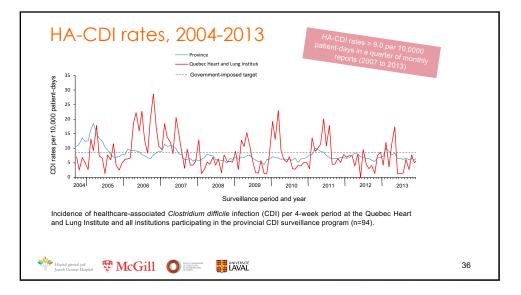


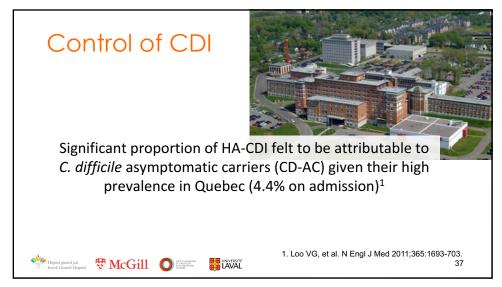




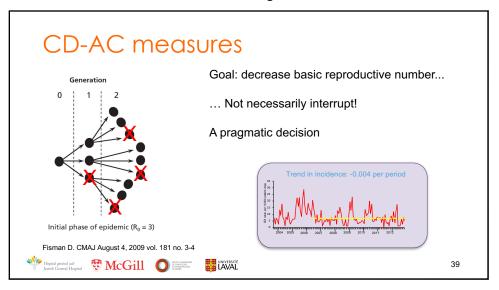
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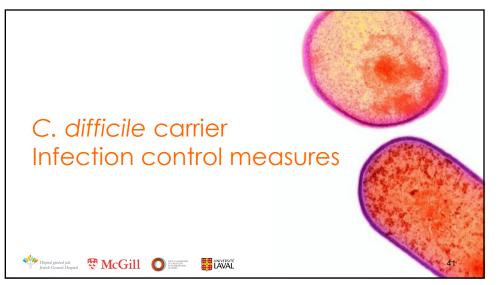


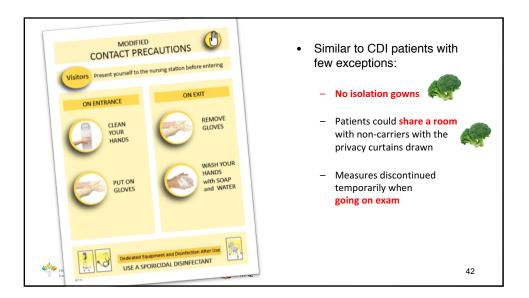




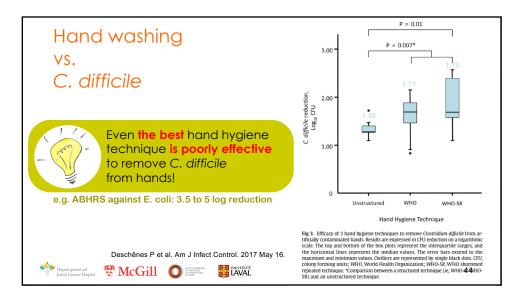




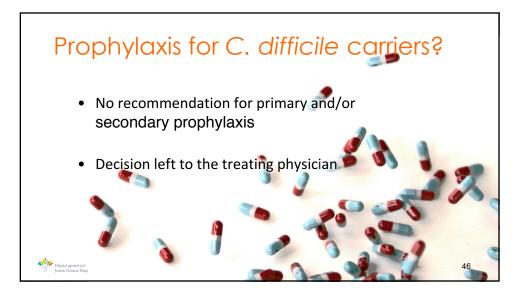


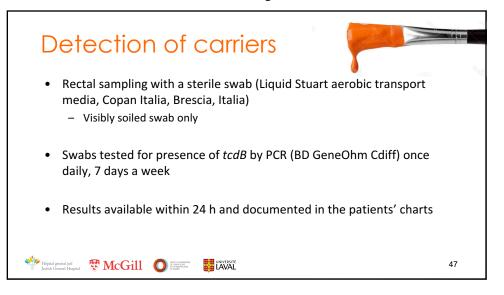


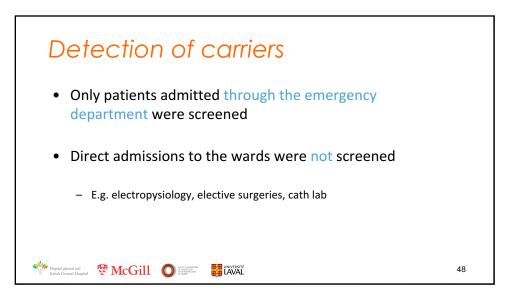


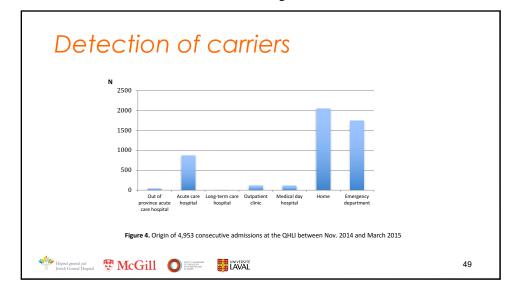


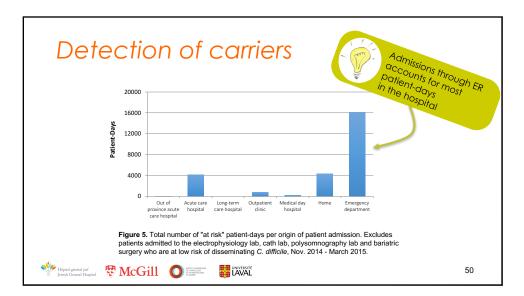
	ary of Eve Norker's H		Which Concordant O	rganisr	ns Were Recovered From the	e Glove Exteri	or and Health	- C
Event No.	Patient Contact Site	Giove Type	Leak-Test Result (Did Giove Leak?)	Use Time, min	Microorganism	Colony Count on Gloves, cfu*	Colony Count on Hands, cfu*	
1	Oral	Vinyl	Yes	10	Enterobacter cloacae	2.0×10 <sup>5</sup>	1.0×10 <sup>1</sup>	2-4 log reducti
2	Oral	Vinyl	Yes	11	Acinetobacter calcoaceticus	1.2×10 <sup>5</sup>	4.0×101	2-4 log reuties
3	Oral	Vinyl	Yes	17	A calcoaceticus	6.5×10 <sup>2</sup>	5.0×10°	6
4	Oral	Vinyl	No	11	A calcoaceticus	3.0×10 <sup>5</sup>	2.5×10 <sup>2</sup>	00.99
5	Oral	Vinyl	Yes	6	A calcoaceticus	4.2×10 <sup>4</sup>	1.0×101	99% to 95.5
6	Oral	Vinyl	Yes	7	A calcoaceticus, Enterobacter aerogenes	†	†	2-4 log reducti 99% to 99.99 protective!
7	Oral	Vinyl	Yes	16	A calcoaceticus	5.2×10 <sup>3</sup>	9.0×101	
8	Oral	Vinyl	No	15	Pseudomonas aeruginosa	2.1×10 <sup>3</sup>	2.0×101	
9	Rectal	Vinyl	No	2	Escherichia coli	2.0×10 <sup>6</sup>	2.0×101	
10	Rectal	Vinyl	No	1	P aeruginosa	1.3×10 <sup>4</sup>	2.0×101	
11	Oral	Latex	No	6	A calcoaceticus	1.5×10 <sup>4</sup>	1.0×101	

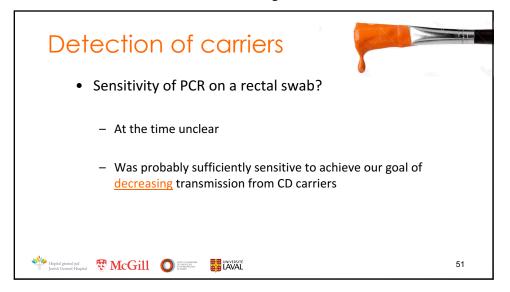


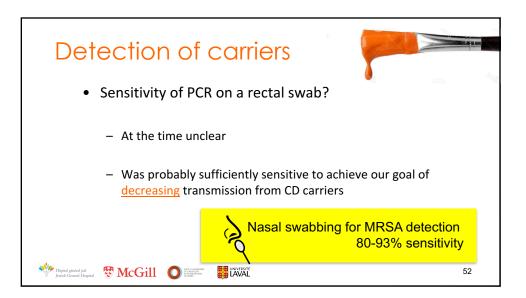






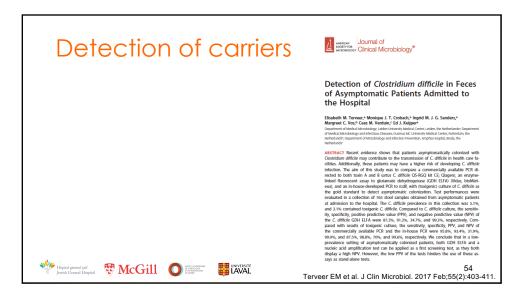


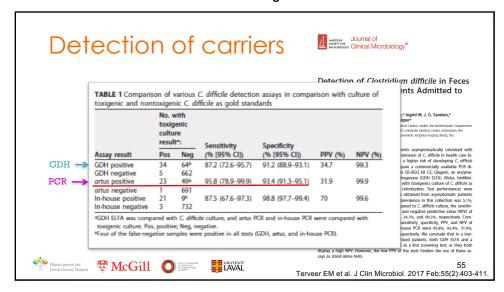


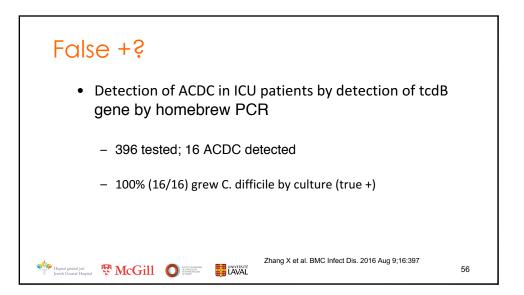


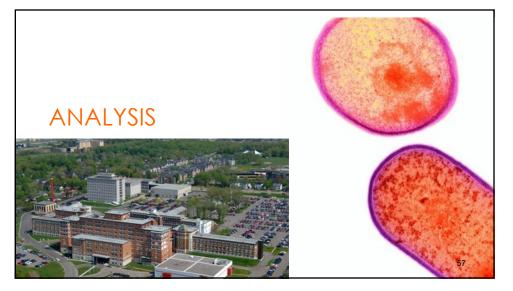
# Detection of carriers

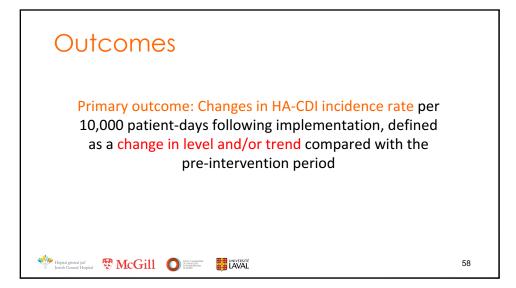
Level of Detection Assay	125 copies per sample
Quantity of stool on a rectal swab	$50~\pm~25~mg$ (local data)
C. difficile load among carriers	3.6 log10 CFU/g (SD, 1.3 log10) <sup>1</sup>
No. copies on a rectal swab	318 ± 159 copies

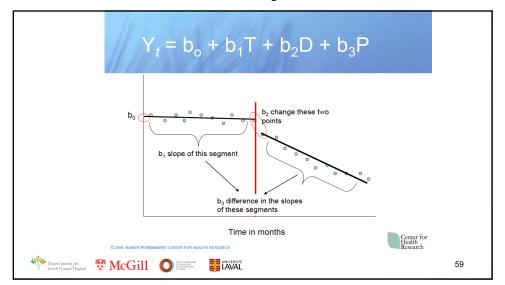




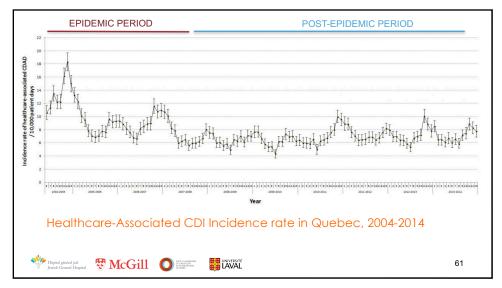


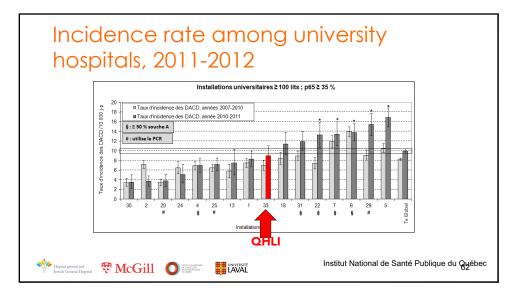




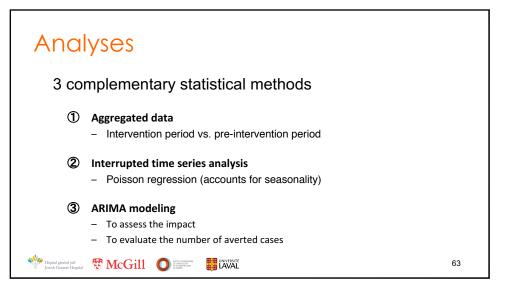


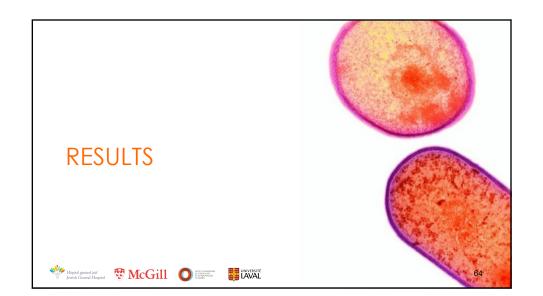






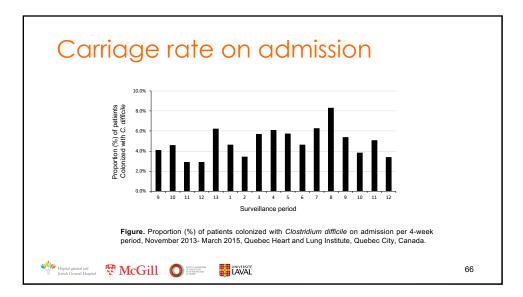
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	Preintervention Perio	d		
Variable	Epidemic Period From August 22, 2004, to July 21, 2007	Postepidemic Period From July 22, 2007, to November 18, 2013	Intervention Perlod From November 19, 2013, to March 7, 2015	P Value <sup>a</sup>
Study periods				
Cumulative duration, mo	35	76	15	NA
4-wk Periods, No.	38	82	17	NA
Admissions, No.	43 783	83 314	18 382	NA
Patient-days, No.	276 072	600 358	127 883	NA
Screening for <i>C</i> difficile asymptomatic carriers, No./total No. (%) Screened patients <sup>b</sup>	NA	NA	7599/8218 (92.5)	NA
Asymptomatic carriers	NA	NA	368/7599 (4.8)	NA
		005	Every Year ox. 295 carriers a ox. 96 patients w Ratio 3:1	
na genera jaŭ 6 ĉerenzi finanza 🐯 McGill - (		Appr		



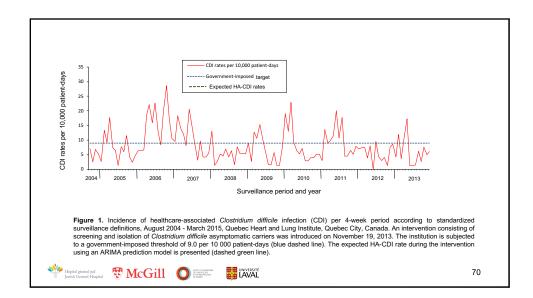
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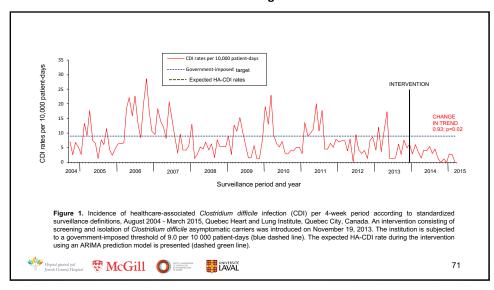
	Preintervention Period			
'ariable	Epidemic Period From August 22, 2004, to July 21, 2007	Postepidemic Period From July 22, 2007, to November 18, 2013	Intervention Period From November 19, 2013, to March 7, 2015	P Value
Incidence (95% CI) of HA-CDIs per 10 000 patient-days	11.1 (9.9-12.4)	6.9 (6.3-7.6)	3.0 (2.1-4.0)	<.001
Periods above government-imposed ta No./total No. (%) <sup>c</sup>	20/138 (52.6) rget,	20/82 (24.4)	0/17 (0)	.02
Incidence (95% CI) of CE associated with ambulat care per 1000 admission	ory	0.35 (0.23-0.49)	0.54 (0.26-0.93)	.25
Incidence (95% CI) of hospitalized community-acquired CD per 1000 admissions	0.75 (0.52-1.03) Is	0.59 (0.44-0.77)	0.49 (0.22-0.86)	.60

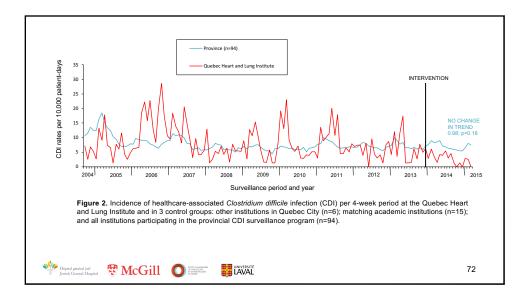
Variable	Preintervention Period Epidemic Period From August 22, 2004, to July 21, 2007	Postepidemic Period From July 22, 2007, to November 18, 2013	Intervention Period From November 19, 2013, to March 7, 2015	P Value
Incidence (95% CI) of HA-CDIs per 10 000 patient-days	11.1 (9.9-12.4)	6.9 (6.3-7.6)	3.0 (2.1-4.0)	<.001
Periods above government-imposed target No./total No. (%) <sup>c</sup>	20/138 (52.6)	20/82 (24.4)	0/17 (0)	.02
Incidence (95% CI) of CDIs associated with ambulatory care per 1000 admissions	0.27 (0.14-0.45)	0.35 (0.23-0.49)	0.54 (0.26-0.93)	.25
Incidence (95% CI) of hospitalized community-acquired CDIs per 1000 admissions	0.75 (0.52-1.03)	0.59 (0.44-0.77)	0.49 (0.22-0.86)	.60

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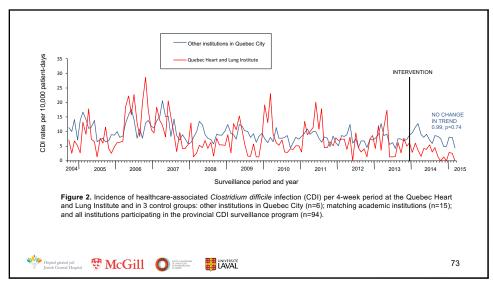
	Preintervention Period	l i i i i i i i i i i i i i i i i i i i		P Value <sup>a</sup>
Variable	Epidemic Period From August 22, 2004, to July 21, 2007	Postepidemic Period From July 22, 2007, to November 18, 2013	Intervention Period From November 19, 2013, to March 7, 2015	
Complications, No./total No. (%)				
10-d All-cause mortality <sup>d</sup>	NA	31/383 (8.1)	3/38 (7.9)	.99
30-d All-cause mortality <sup>d</sup>	NA	56/383 (14.6)	7/38 (18.4)	.48
Admission to intensive care unit	6/306 (2.0)	7/416 (1.7)	0/38 (0.0)	.99
Colectomy	2/306 (0.7)	3/416 (0.7)	1/38 (2.6)	.30
Readmission for CDI	17/306 (5.6)	3/416 (7.5)	0/38 (0.0)	.10
recurrence			<b>v</b>	
recurrence	NO CHANGE	IN % MORTALIT	Y	
recurrence	NO CHANGE	IN % MORTALIT	Y	
recurrence	NO CHANGE	IN % MORTALIT	Y	

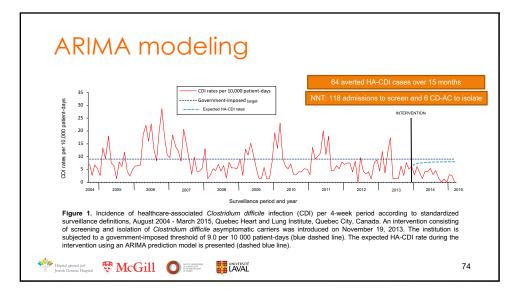


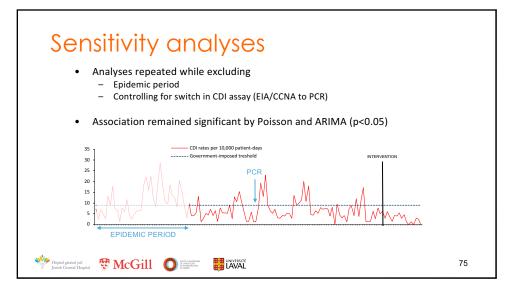


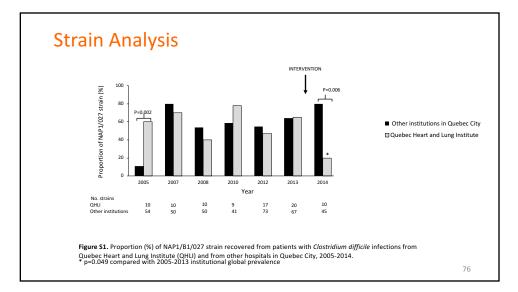


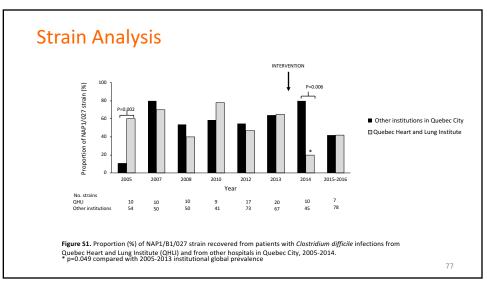
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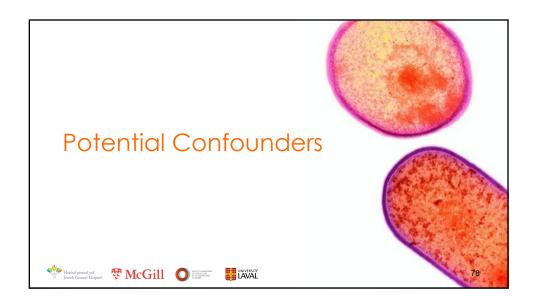




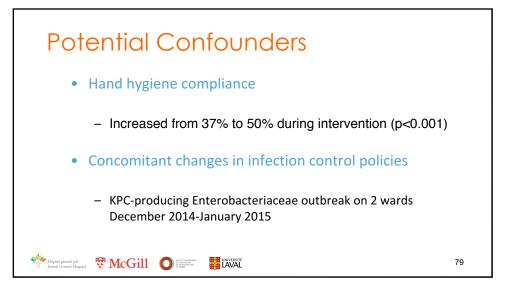


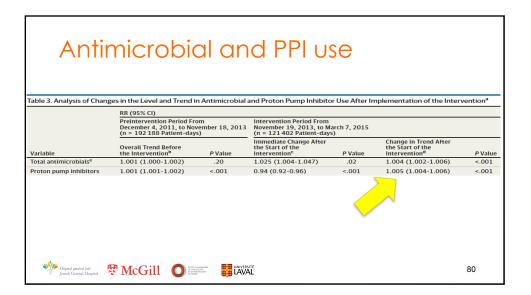




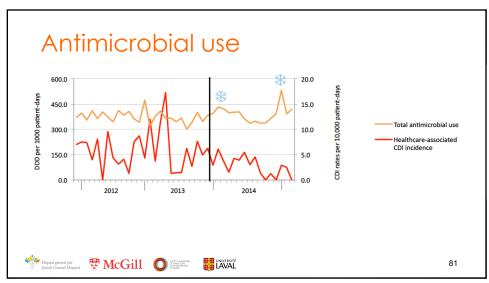


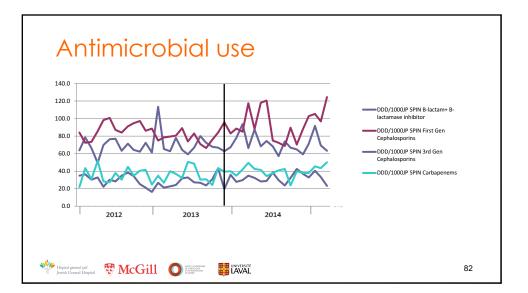
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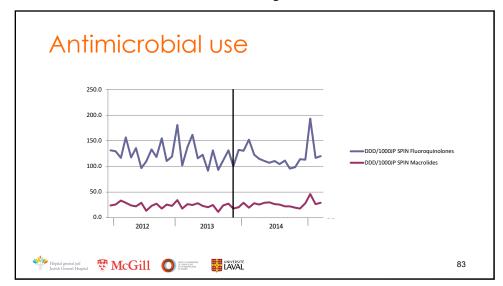


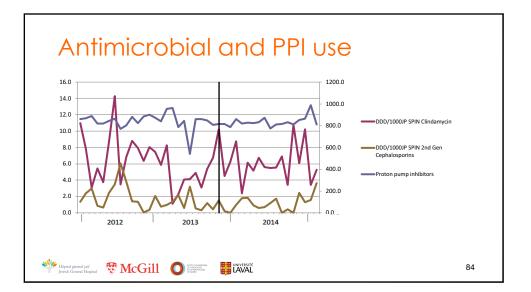
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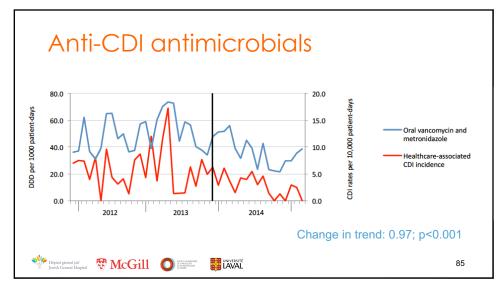


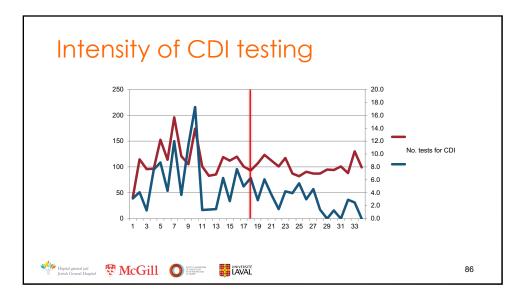
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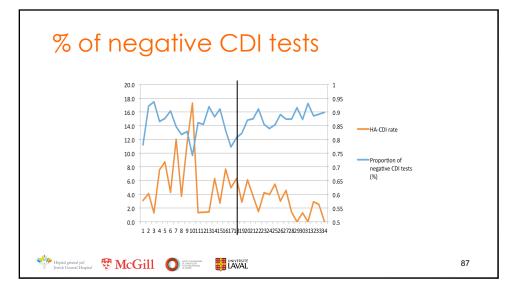


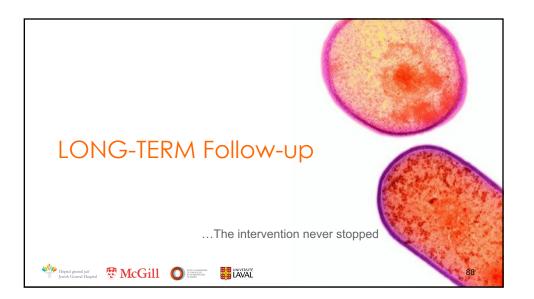
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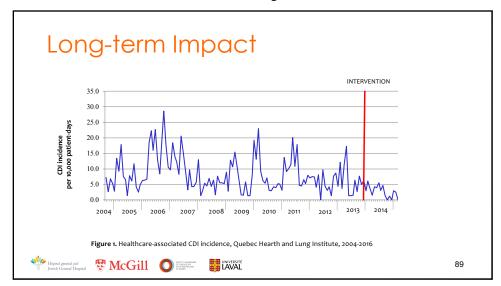


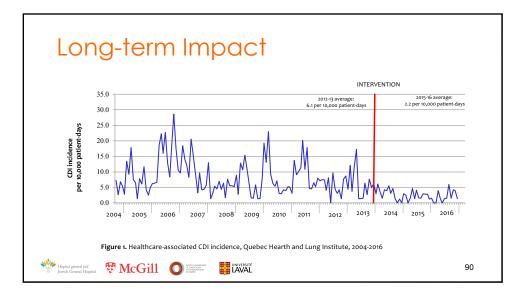
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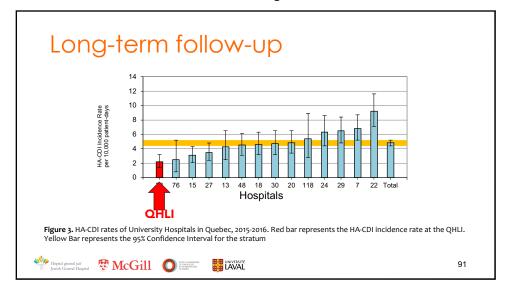


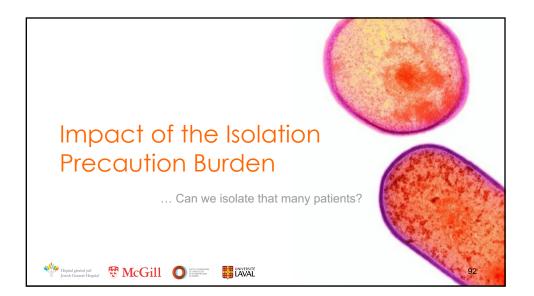
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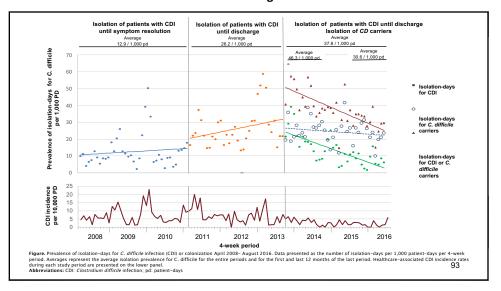


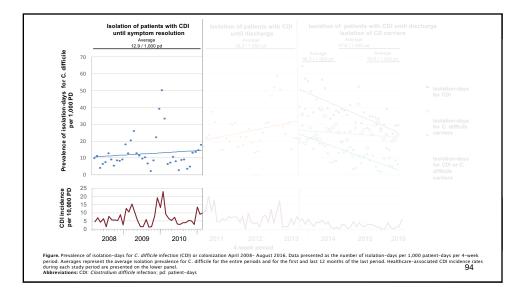
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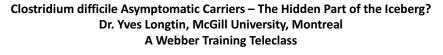


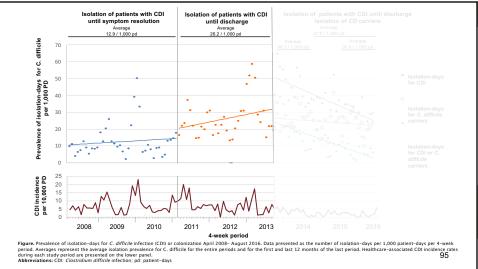


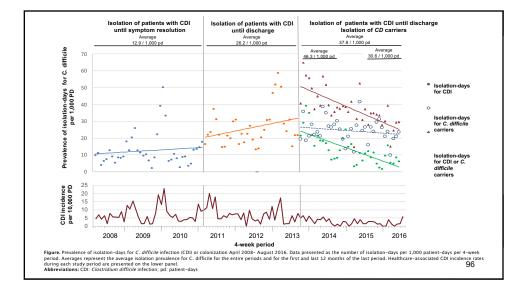
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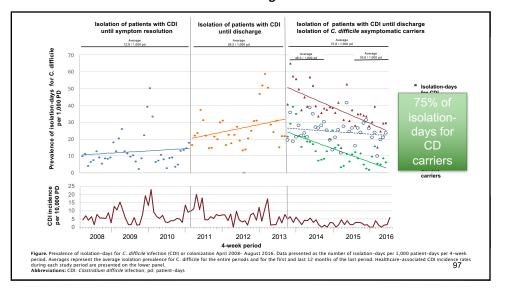


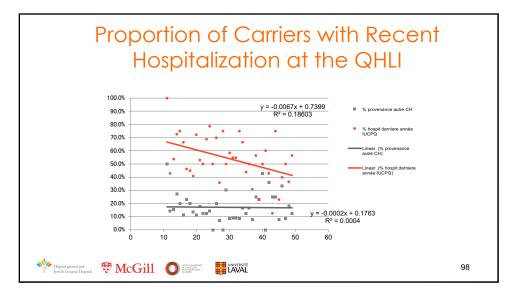






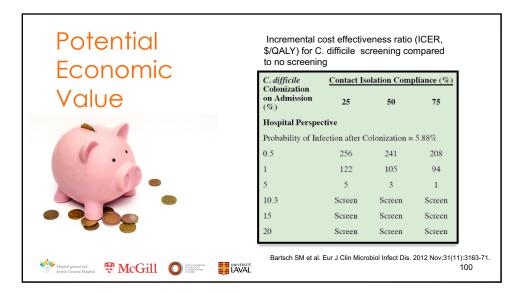
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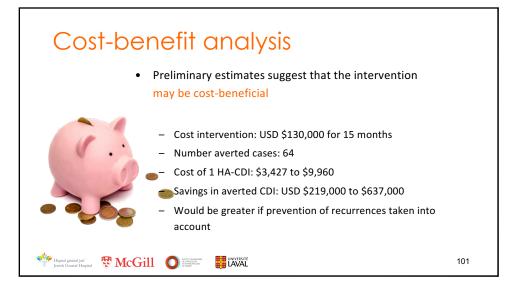


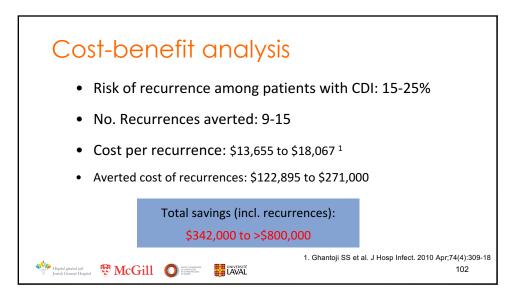


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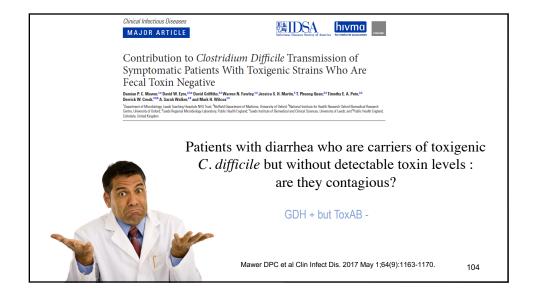


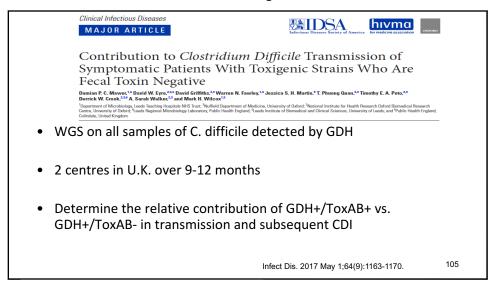


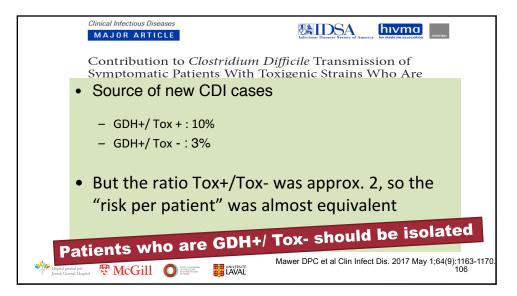


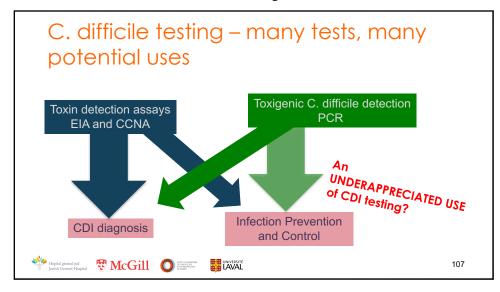


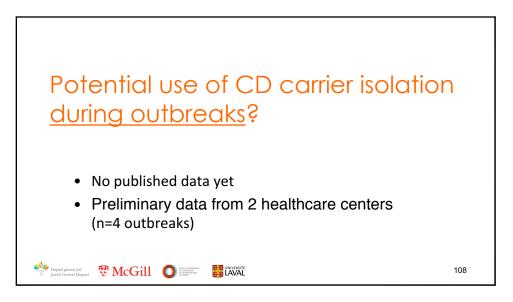






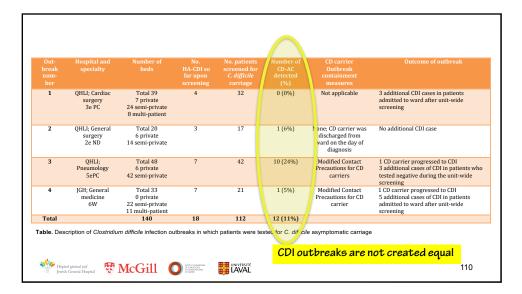






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surgery 7 private admitted to ward af 3 e PC   3 e PC 24 semi-private 8 multi-patient screening   2 QHLI; General Total 20 3 17 1 (6%) None; CD carrier was of the day of diagnosis   3 Penumology 6 private ward on the day of diagnosis discharged from vard and diagnosis   3 Penumology 6 private 7 42 10 (24%) Modified Contact 1 CD carrier progree Precautions for CD		CD-AC detected (%)	screened for <i>C. difficile</i> carriage	HA-CDI so far upon screening	Number of beds	Hospital and specialty	Out- break num- ber
surgery 6 private discharged from   2e ND 14 semi-private ward on the day of diagnosis   3 QHLi; Total 48 7 42 10 (24%) Modified Contact 1 CD carrier progres Precuritors for CD 3 additional cases o	admitted to ward after unit-wide	0 (0%)	32	4	7 private 24 semi-private	surgery	1
Pneumology 6 private Precautions for CD 3 additional cases o	discharged from ward on the day of	1 (6%)	17	3	6 private	surgery	2
Set C +2 schi-private carters as a screening	Precautions for CD 3 additional cases of CDI in patients wh carriers tested negative during the unit-wide	10 (24%)	42	7			3
medicine 0 private Precautions for CD 5 additional cases o	Precautions for CD 5 additional cases of CDI in patients carrier admitted to ward after unit-wide	1 (5%)	21	7	0 private 22 semi-private	medicine	4
Total 140 18 112 12(11%)	1%)	12 (11%)	112	18	140		Total







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Trai	March 22, 2018	CHALLENGES AND FACILITATORS TO NURSE-DRIVEN ANTIBIOTIC STEWARDSHIP: RESULTS FROM A MULTISITE QUALITATIVE STUDY Speaker: Prof. Eileen J. Carter, Columbia University School of Nursing	ROX
Ţ	April 10, 2018	(FREE European Teleclass Denver Russell Memorial Teleclass Lecture) HOPES, HYPES, AND MULTIVALLATE DEFENCES AGAINST ANTIMICROBIAL RESISTANCE Speaker: Prof. Neil Woodford, Imperial College London and Public Health England	ng Revolutionary ants for the War nst Mirobes
Become Member It's Easy!		Broadcast annually in memory of our very good friend and tireless Teleclass Education supporter, Prof. A. Denver Russell.	ee Access dings Library
	April 12, 2018	UNDERSTANDING RISK PERCEPTIONS AND RESPONSES OF THE PUBLIC, HEALTHCARE PROFESSIONALS, AND THE MEDIA: THE CASE FOR CLOSTRIDIUM DIFFICILE Speaker: Dr. Emma Burnett, University of Dundee, Scotland	For Access
	April 18, 2018	(South Pacific Teleciass) GENETIC SIMILARITIES BETWEEN ORGANISMS ISOLATED FROM THE ICU Speaker: Prof. Slade Jenson, Western Sydney University, Australia	- FREE Poster Downloads
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