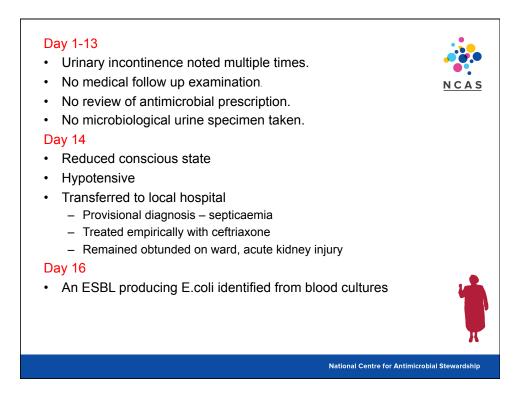
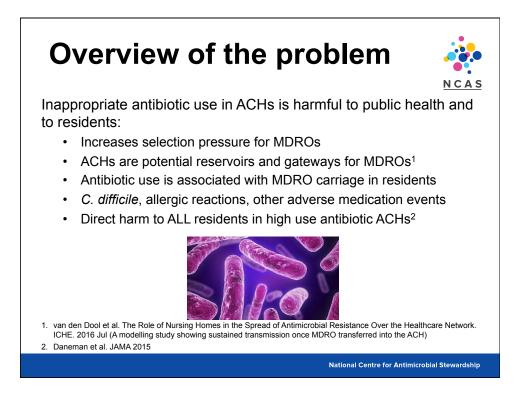


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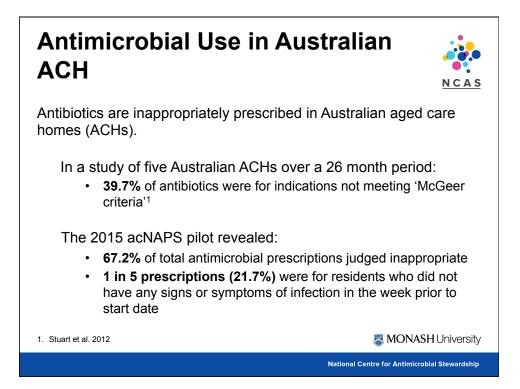


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From: Variability in Antibiotic Use Acro for Individual Residents	ss Nursing Hom	ies and the Risk	of Antibiotic-	Related Adverse Outcomes
JAMA Intern Med. 2015;175(8):1331-1339. d	oi:10.1001/jamain	ternmed.2015.277	0	
able 3. Antibiotic-Related Adverse Outcomes Amon; Vith Low, Medium, and High Antibiotic Use <sup>a</sup>				
Characteristic	Antibiotic Use, No Low (n = 33 822)	o. (%) Medium (n = 31 425)	High (n = 24 943)	<sup>a</sup> Residents with a do-not-hospitali
Clostridium difficile	274 (0.8)	268 (0.9)	221 (0.9)	order were excluded from these
Diarrhea or gastroenteritis	3347 (9.9)	3388 (10.8)	2889 (11.6)	analyses of adverse outcomes because they were not at risk of a hospitalization event. <sup>b</sup> Includes any of <i>C difficile</i> , diarrhe or gastroenteritis,
Infection with antibiotic-resistant organism	412 (1.2)	431 (1.4)	319 (1.3)	
Antibiotic allergy	13 (0.0)	25 (0.1)	22 (0.1)	
General adverse event from medication	96 (0.3)	124 (0.4)	88 (0.4)	
Any antibiotic complication with or without potential for indirect harms to nonrecipients (primary composite outcome <sup>b</sup> )	3869 (11.4)	3890 (12.4)	3311 (13.3)	antibiotic-resistant organisms, allergy, and general medication adverse events.
Only antibiotic complications with potential for indirect harms to nonrecipients (secondary composite outcome <sup>c</sup> )	3797 (11.2)	3801 (12.1)	3237 (13.0)	<sup>c</sup> Includes only C difficile, diarrhea or gastroenteritis, and antibiotic-resistant organisms.
Table Title: Antibiotic-Related Adverse Outcomes Among	Residents Living	in Nursing Homes	With Low, Mediu	Ū.

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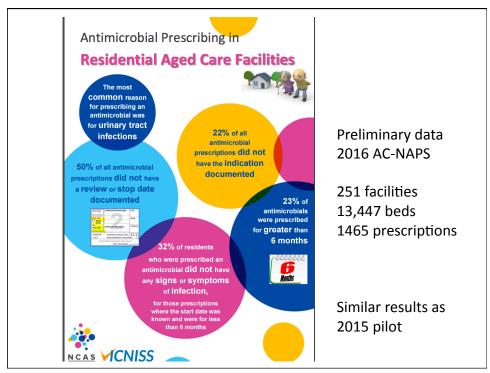




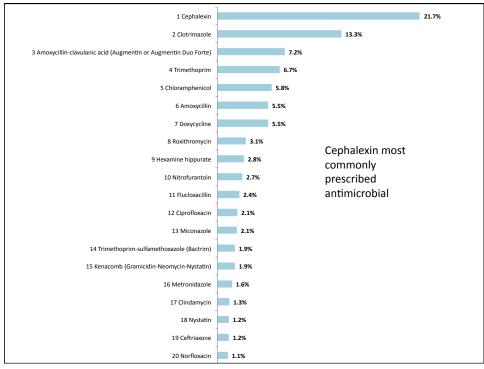


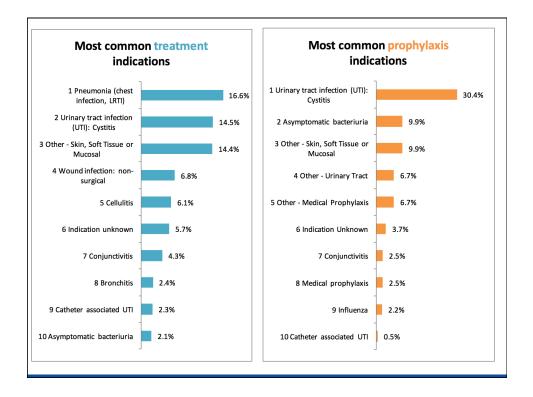
		No. facilit.	No. of beds audited		evalence of microbial use	Ρ	revalence of infection
	NSW	35	1619	209	(12.9%)	62	(3.8%)
State	QLD	23	2007	248	(12.4%)	48	(2.4%)
	SA	7	587	81	(13.8%)	21	(3.6%)
	TAS	10	570	47	(8.2%)	8	(1.4%)
	VIC	166	7454	569	(7.6%)	223	(3.0%)
	WA	15	1210	146	(12.1%)	55	(4.5%)
Remoteness	Major Cities	74	5934	623	(10.5%)	184	(3.1%)
	Inner regional	104	5085	432	(8.5%)	145	(2.9%)
	Outer regional	61	2206	213	(9.7%)	68	(3.1%)
	Remote	9	154	26	(19.0%)	17	(12.4%)
	Very remote	3	68	6	(8.8%)	3	(4.4%)
Organisation	Not for profit	76	6070	660	(10.9%)	166	(2.7%)
	Government	157	5712	531	(9.3%)	204	(3.6%)
	Private	18	1665	109	(6.5%)	47	(2.8%)
National aggre	gate	251	13447	1300	(9.7%)	417	(3.1%)

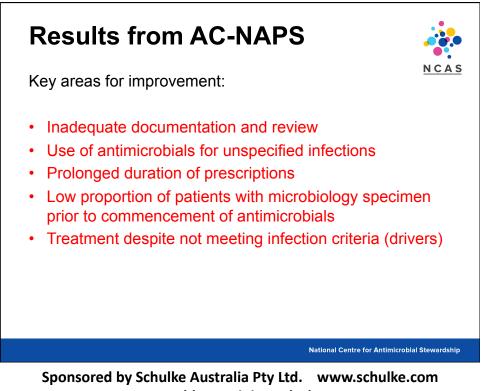
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Question	Response	
National Residential Medication Chart	Yes	44.9% (110)
	No	52.2% (128)
used	Unsure	3.3% (8)
Availability of Therapeutic Guidelines:	Access	84.9% (209)
Antibiotic (either elec or hard copy)	No access	15.1% (37)
Endorsed guidelines routinely used for	Yes	54.3% (133)
management of suspected urinary	No	28.6% (70)
tract infections	Unsure	17.1% (42)
Alcohol based hand-rubs available	Yes	85.3% (209)
Hand hygiene training sessions held for staff	Yes	94.7% (232)



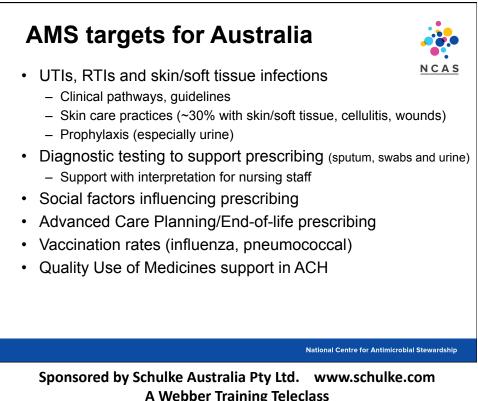




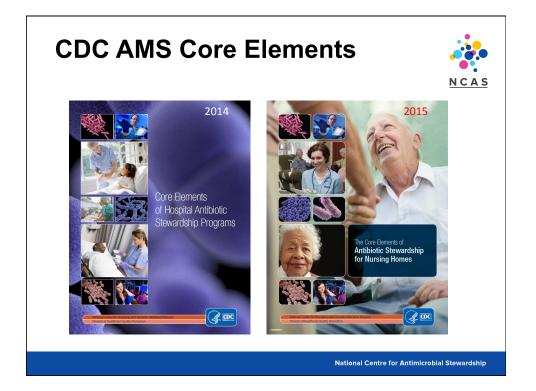
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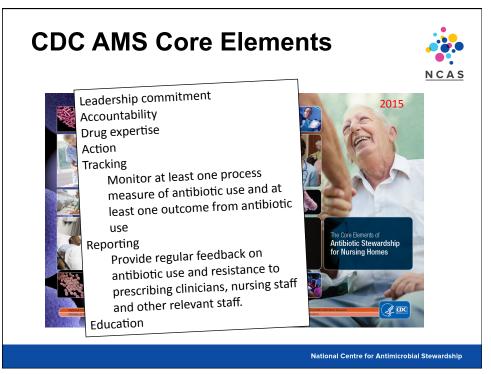
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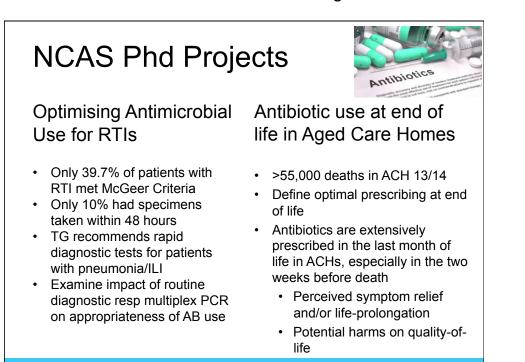
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# What might the accreditation standards look like?



- · AMS policies and procedures
- · Antimicrobial prescribing restrictions
- · ACH specific antimicrobial guidelines
- · Access to QUM/on-site infection infection prevention staff
- · Access to education for nurses targeted for ACH
- Antimicrobial prescribing surveillance and effective feedback to prescribers

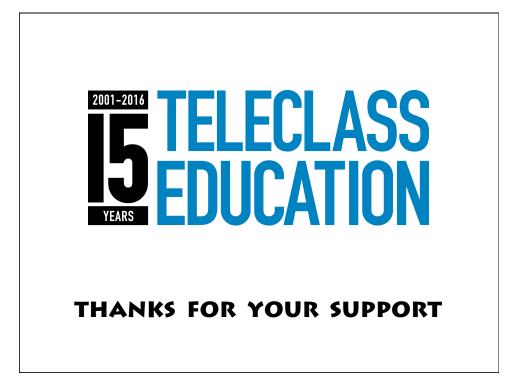
Do these standards apply to the ACH or to the prescribers (GPs)? How do we effectively influence the decision maker? How to we equip to workforce in ACH to implement AMS?







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