

Additional file 2 Microorganisms isolated from nursing home residents with a positive urine culture and their non-susceptibility

Microorganism	Number of isolates (%)	Number of non-susceptible isolates*															Number of MDR (%)		
		Tetracycline	Ampicillin	Piperacillin/tazobactam	Amoxicillin/Clavulanic acid	Oxacillin	Cefuroxime axetil	Cefotaxime	Ceftazidime	Cefepime	Cotrimoxazole	Gentamicin	Ciprofloxacin	Norfloxacin	Levofloxacin	Nitrofurantoin		Fosfomycin	Vancomycin
Urine cultures in female residents (n=54)																			
<i>Escherichia coli</i>	32 (59.3)		16	4/14	9/17		9	3/8		3/8	11	5/29	14	2/3	2/3	0	2		12 (37.5)
<i>Klebsiella pneumoniae</i>	9 (16.7)			1/8	0		1	0/1		0/1	0	0/8	0/8	0/1	0/1	5	2		1 (11.1)
<i>Proteus mirabilis</i>	5 (9.26)		0		0/1		0				2	0/4	3	1/1	1/1		2		1 (20.0)
<i>Enterococcus faecalis</i>	4 (7.41)	4	0												1	1			0 (0)
<i>Staphylococcus epidermidis</i>	2 (3.70)	0				1					0							0	
<i>Proteus vulgaris</i>	1 (1.85)		1		0						0		0	0		1	0		0 (0)
<i>Corynebacterium striatum</i>	1 (1.85)																		
Urine cultures in male residents (n=14)																			
<i>Escherichia coli</i>	6 (42.9)		3	1/2	0/3		4	0/3		0/3	2	0/5	5	1/1	1/1	2	0		3 (50.0)
<i>Proteus mirabilis</i>	2 (14.3)		0				0				1	0	0				1		0 (0)
<i>Pseudomonas aeruginosa</i>	2 (14.3)			1					0			0	0						0 (0)
<i>Enterococcus faecalis</i>	2 (14.3)	2	0												1	0			0 (0)
<i>Klebsiella pneumoniae</i>	1 (7.14)			1	1		1	1		1	1	1	1			1	0		1 (100)
<i>Aerococcus urinae</i>	1 (7.14)																		

*non-susceptible: intermediate susceptibility + resistance; MDR: multidrug resistance or non-susceptible to ≥ 1 agent in ≥ 3 antimicrobial categories