

Table 1: Southern DHB Hospital cumulative antibiotic susceptibilities 2021 (antibiogram)

		Numbers denote % susceptible																			
		Antibiotics in common usage											Second line/ restricted antibiotics ¹								
Organism group	No. tested	Penicillin	Amoxicillin	Amoxi+clav	Amoxi+clav cystitis	Flucloxacillin	Cephalexin	Cefuroxime	Erythromycin	Co-trimoxazole	Doxycycline	Ceftriaxone	Trimethoprim ²	Nitrofurantoin ²	Clindamycin	Ciprofloxacin	Ceftazidime	Piperacillin-tazo	Meropenem	Gentamicin	Vancomycin
Non-urine isolates																					
<i>Staphylococcus aureus</i> (all)	1166	6			92	92	92	89	99	96					90						100
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA, 8%)	170	0	0	0	0	0	0	83	98	94					88						100
Beta haemolytic streptococci	84	100							79						85						
<i>Haemophilus influenzae</i>	129		57 [#]	77 [#]		NR		NR	76	98											
<i>Pseudomonas aeruginosa</i>	128			R			R		R		R				86 [#]	77 [#]	92 [#]	95	NR		
Bacteraemic isolates																					
<i>Escherichia coli</i>	162		58	68			92		88		99				96		98	100	98		
<i>Staphylococcus aureus</i>	81	2			96			90	99	100					90						100
<i>Pseudomonas aeruginosa</i>	12			R			R		R		R				92 [#]	92 [#]	100 [#]	100	NR		
Beta haemolytic streptococci Groups, A, B, C and G	45	100						75							82						
<i>Streptococcus pneumoniae</i>	19	100									100										100
<i>Streptococcus pneumoniae</i> meningitis breakpoint	11	79									100										
<i>Enterococcus</i> spp	35		83				R				R										100
Urine isolates																					
<i>E. coli</i> (all, ESBL 5%)	1901		54	67	86	92	84		77		89	80	98		85			100	91		
<i>Klebsiella pneumoniae</i> (all, ESBL 7%)	121		0	84	88	89	83		79		88	78	NR		84					95	
<i>Enterococcus</i> spp	220		85				R	R			R		90								100
<i>Pseudomonas aeruginosa</i>	154		R	R	R	R	R			R	R	R	R		87 [#]	87 [#]	97 [#]	95	NR		
¹ Not recommended for first line use unless recommended by ID/Micro; second line antibiotics are selectively tested on lower numbers of more resistant isolates.																					
² Recommended for uncomplicated UTI only.																					
R = always resistant		NR = not recommended					# reported as susceptible increased exposure														

Table 2: Southern DHB Community cumulative antibiotic susceptibilities 2021 (antibiogram)

		Numbers denote % susceptible															
		Antibiotics in common usage											Restricted antibiotics ¹				
Organism group	Number tested	Penicillin	Amoxicillin	Amoxi+clav	Amoxi+clav cystitis	Flucloxacillin	Cephalexin	Erythromycin	Co-trimoxazole	Doxycycline	Trimethoprim ²	Nitrofurantoin ²	Fusidic acid	Clindamycin	Ciprofloxacin	Gentamicin	
Non urinary sites																	
<i>Staphylococcus aureus</i> (all)	2871	5	5		96	96	89	99	98				91	90			
Methicillin-resistant <i>Staph aureus</i> (MRSA, 4%)	170	0	0	0	0	0	83	98	94				77	88			
<i>Streptococcus pneumoniae</i>	72	88				NR	83	69	87								
<i>Haemophilus influenzae</i>	146		61 [#]	81 [#]		NR	NR	74	100								
<i>Pseudomonas aeruginosa</i>	121		R	R		R		R	R					85 [#]	NR		
Urine isolates																	
<i>Escherichia coli</i> (all)	4999		57	69	89	95		80		80	99			89			
ESBL-producing <i>E. coli</i> (3%)	145		R		70	R		42		39	97			43			
<i>Klebsiella pneumoniae</i> (ESBL 5%)	248		0	86	93	93		80		80	NR						
<i>Staphylococcus saprophyticus</i>	303		100							96	100						
<i>Pseudomonas aeruginosa</i>	110		R	R		R		R		R	R			84 [#]	NR		
¹ Not recommended for first line use unless recommended by ID/Micro																	
R = always resistant		NR = not recommended															
		² Recommended for uncomplicated UTI only															
		[#] reported as susceptible increased exposure															