

PATHLAB HOSPITAL cumulative antibiotic susceptibilities (antibiogram)

(Compiled January 2020, based on 2019 annual data)

Numbers denote % susceptible

Common usage (1st line) antibiotics

Restricted (2nd line) antibiotics

Organism group

Organism group	Number tested	Common usage (1st line) antibiotics										Restricted (2nd line) antibiotics									
		Penicillin	Amoxicillin	Amoxicillin-clavulanate	Flucloxacillin	Cephalexin	Cefuroxime	Erythromycin	Co-trimoxazole	Doxycycline	Ceftriaxone	Trimethoprim*	Nitrofurantoin*	Number tested	Clindamycin	Ciprofloxacin	Ceftazidime	Piperacillin-tazobactam	Meropenem	Gentamicin	Vancomycin
Non-urine isolates																					
<i>Staphylococcus aureus</i>	2972				85			88	99	98				31	61						
Methicillin-resistant <i>Staph aureus</i> (MRSA)	434	R	R	R	R	R	R	78	99	97	R			13	54						
<i>Streptococcus pyogenes</i> (Group A)	113	S						95						113	98						
Beta haemolytic streptococci Groups B, C and G	141	S						83						141	86						
<i>Streptococcus pneumoniae</i>	190		88					86	78	86											
<i>Haemophilus influenzae</i>	352		71	88					72	96											
<i>E. coli</i>	720		43	57			90		74		93			672	90		99	100	95		
<i>Pseudomonas aeruginosa</i>	284	R	R	R	R	R	R	R	R	R	R			284	72	81	89	75	76		
Bacteraemic isolates																					
<i>E. coli</i>	540		41	56			89		72		93			530		90		99	100	94	
Other Enterobacterales	60		50	67			81		90		95					98		100	100	100	
<i>Staphylococcus aureus</i>	297				86			90	100	96				19	50						100
<i>Pseudomonas aeruginosa</i>	42	R	R	R	R	R	R	R	R	R	R			42	95	98	100	83	100		
<i>Streptococcus pyogenes</i> (Group A)	65	S						94						65	100						
Beta haemolytic streptococci Groups B, C and G	92	S						84						92	84						
<i>Streptococcus pneumoniae</i>	78		75					88	90	87											
<i>Enterococcus spp</i>	79		81		R	R	R	R			R			58							100
Urine isolates																					
<i>E. coli</i>	2378		49	81		92						71	98	2378		92					
ESBL-positive <i>E. coli</i>	129	R				R	R		30		R	42	99	129	36			100	65		
<i>Klebsiella spp</i>	356	R	82		85				71			80	78	190	91			100	80		
ESBL-positive <i>Klebsiella spp</i> ¹	29	R				R	R				R	3	38	29	14			100	26		
<i>Proteus mirabilis</i>	155		87	98		100						85	R								
Other Enterobacterales (<i>Enterobacter</i> , <i>Serratia</i> , etc)	209		R	R		R			98			93		209	96						
<i>Enterococcus spp</i> ¹	43		93			R	R	R			R			6							100
<i>Staphylococcus saprophyticus</i> ¹	67			S	S	S			100			96	99								

¹ caution needed in interpreting these results as low number of isolates. *uncomplicated UTI isolates only

S = Not specifically tested but known to be ordinarily susceptible. R = intrinsically resistant. NT = Not routinely tested in this laboratory.