




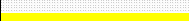


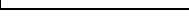


HNELHD Cumulative Antibigram 2019: LMNC Sector		Blood Culture Isolates													
Organism	Antibiotic	Ampicillin	Amoxicillin and clavulanate	Cefazolin	Gentamicin	Tobramycin	Amikacin	Piperacillin and tazobactam	Ceftriaxone	Ceftazidime	Ciprofloxacin	Meropenem	Sulfamethoxazole and trimethoprim	Benzylpenicillin	Flucloxacillin
Escherichia coli	% susceptible	55.7	88.6	65.7	95.7	95.7	100.0	91.3	97.1	97.1	94.3	100.0	84.3		
	Number tested	70	70	70	70	69	68	69	70	70	70	70	70		
Other Enterobacteriales	% susceptible	12.8	66.7	39.5	92.3	86.8	100	94.7	92.3	94.9	94.6	100	87.2		
	Number tested	39	39	38	39	38	37	38	39	39	37	39	39		
Staphylococcus aureus	% susceptible	*	*	*				*					97.6	17.5	90.2
	Number tested												41	40	41

LEGEND	
	>90% susceptible
	70-89% susceptible
	<70% susceptible or intrinsically resistant
	Insufficient data: Gram positive organism
	Insufficient data: Gram negative organism
	Use with caution in children
	Routinely reported antimicrobials
	Restricted or 2nd line antimicrobials
	Extrapolated from other susceptibilities

Other Enterobacteriales
Klebsiella oxytoca
Klebsiella pneumoniae
Proteus mirabilis
Morganella morganii
Enterobacter cloacae complex
Enterobacter aerogenes
Providencia stuartii
Klebsiella (Enterobacter) aerogenes
Serratia marcescens

HNELHD Cumulative Antibigram 2019: LMNC Sector		Urine Isolates																			
Organism	Antibiotic	Ampicillin	Amoxicillin and clavulanate	Amoxicillin and clavulanate (Urine)	Cefazolin	Cefazolin (Urine)	Nitrofurantoin	Trimethoprim	Sulfamethoxazole and trimethoprim	Gentamicin	Tobramycin	Amikacin	Ceftriaxone	Cefepime	Ceftazidime	Piperacillin and tazobactam	Meropenem	Ciprofloxacin	Norfloxacin	Teicoplanin	Vancomycin
<i>Escherichia coli</i>	% susceptible	56.9	76.8	87.4	62.2	87.2	99.5	82.7	77.0	96.2	90.9	99.1	95.8	92.6	94.8	90.3	100.0	87.2	88.6		
	Number tested	545	542	151	521	282	544	209	545	545	219	219	545	203	518	216	232	367	543		
<i>Proteus mirabilis</i>	% susceptible	86.0	98.2		60.0			80.7	94.4	100			100		100			97.4	98.3		
	Number tested	57	56		55			57	18	57			57		57			39	57		
<i>Klebsiella</i> species	% susceptible	0	85.0		61.0	71.8		78.7	79.4	97.5	92.3	100.0	92.5	88.2	93.6	75.0	100.0	87.7	87.5		
	Number tested	80	80		77	39		80	34	79	39	39	80	34	78	40	40	57	80		
AMPC producing <i>Enterobacteriales</i>	% susceptible	0	0		0			84.9	84.8	90.6	83.8	97.3	73.6	85.3	73.5	68.4	97.7	91.3	90.6		
	Number tested	53	53		53			53	33	53	37	37	53	34	49	38	43	46	53		
<i>Pseudomonas aeruginosa</i>	% susceptible									96.2					96.2	86.4	92.3	97.2	100		
	Number tested									53					53	22	26	36	33		
<i>Enterococcus</i> species	% susceptible	85.7	*	*			98.0													87.9	88.9
	Number tested	56					49													33	36

LEGEND	
[Green]	>90% susceptible
[Yellow]	70-89% susceptible
[Red]	<70% susceptible or intrinsically resistant
[Purple]	Insufficient data: Gram positive organism
[Light Purple]	Insufficient data: Gram negative organism
[Light Green]	Use with caution in children
[Light Yellow]	Routinely reported antimicrobials
[Light Grey]	Restricted or 2nd line antimicrobials
[Grey]	Extrapolated from other susceptibilities
[*]	

- AMP-C *Enterobacteriales***
Citrobacter freundii complex
Enterobacter cloacae complex
Klebsiella (Enterobacter) aerogenes
Providencia rettgeri
Morganella morganii
Serratia marcescens
- Klebsiella* species**
Klebsiella pneumoniae
Klebsiella oxytoca

HNELHD Cumulative Antibiogram 2019: LMNC Sector		Other Isolates																								
Organism	Antibiotic	Ampicillin	Amoxicillin and clavulanate	Cefazolin	Sulfamethoxazole and trimethoprim	Gentamicin	Tobramycin	Amikacin	Ceftriaxone	Cefepime	Ceftazidime	Piperacillin and tazobactam	Meropenem	Ciprofloxacin	Vancomycin	Telcoplanin	Daptomycin	Linezolid	Fusidic acid	Rifampicin	Mupirocin (Topical)	Doxycycline	Clindamycin	Erythromycin	Benzylpenicillin	Flucloxacillin
<i>Staphylococcus aureus</i>	% susceptible	*	*	*	97.6	98.3								93.4	100	98.7	100	100	96.2	99.4	95.9	97.0	87.2	85.6	15.6	80.5
	Number tested				506	347								347	345	305	305	305	345	345	507	507	305	506	505	507
<i>Streptococcus pneumoniae</i>	% susceptible											*										87.8	92.7	84.3		
	Number tested																					41	41	70		
<i>Streptococcus pyogenes</i> (Group A)	% susceptible	*	*	*								*										44.6	92.9	100	*	
	Number tested																					56	56	56		
Other β -haemolytic <i>Streptococci</i>	% susceptible	*	*	*																		73.5	91.2	100	*	
	Number tested																					34	34	34		
<i>Escherichia coli</i>	% susceptible	43.3	70	53.3	80	96.7	96.7	100	96.7		96.7	93.3	100	86.7												
	Number tested	30	30	30	30	30	30	30	30		30	30	30	30												
Other Enterobacteriales	% susceptible	10.5	43.2	35.1	97.3	94.7	89.2	97.3	92.1	100	94.7	94.3	100	97.4												
	Number tested	38	37	37	37	38	37	37	38	29	38	35	37	38												
<i>Pseudomonas aeruginosa</i>	% susceptible					100	100	100		96.2	95.2	94.2	93.3	95.2												
	Number tested					62	60	60		53	62	52	60	62												
<i>Haemophilus influenzae</i>	% susceptible	70.1	87.0		64.9				97.4			*										100				
	Number tested	77	77		77				76													77				

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	Insufficient data: Gram positive organism
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	Use with caution in children
	Routinely reported antimicrobials
	Restricted or 2nd line antimicrobials
	Extrapolated from other susceptibilities

- Other Enterobacteriales**
- Klebsiella pneumoniae*
 - Klebsiella oxytoca*
 - Proteus mirabilis*
 - Citrobacter koseri/amalonicus* complex
 - Citrobacter freundii* complex
 - Enterobacter aerogenes*
 - Enterobacter cloacae* complex
 - Enterobacter hormaechei*
 - Morganella morganii*
 - Serratia marcescens*