

DATE: JANUARY 1 - MARCH 31, 2018
 ORGANISM: Klebsiella pneumoniae
 WARD: NICU
 SPECIMEN: Blood
 NUMBER OF ISOLATES: 52

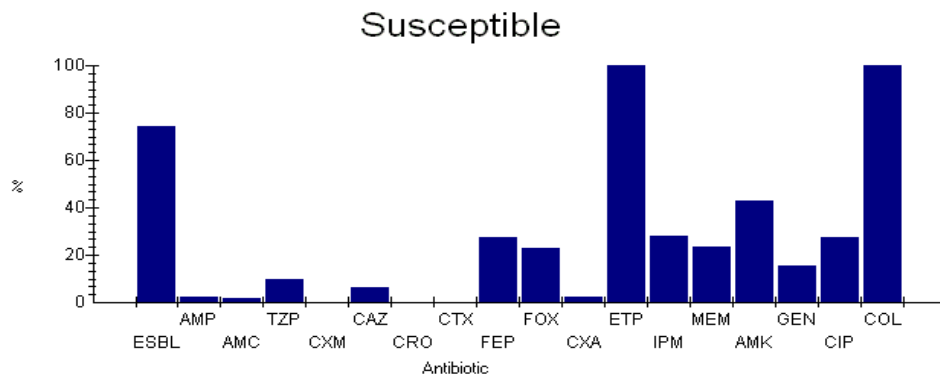
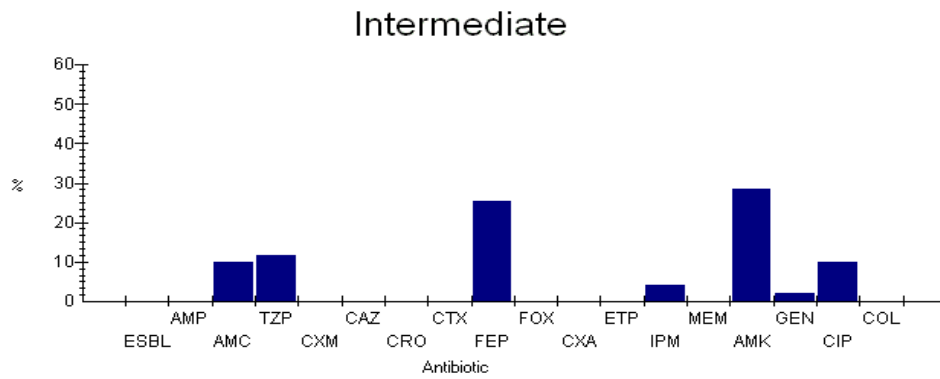
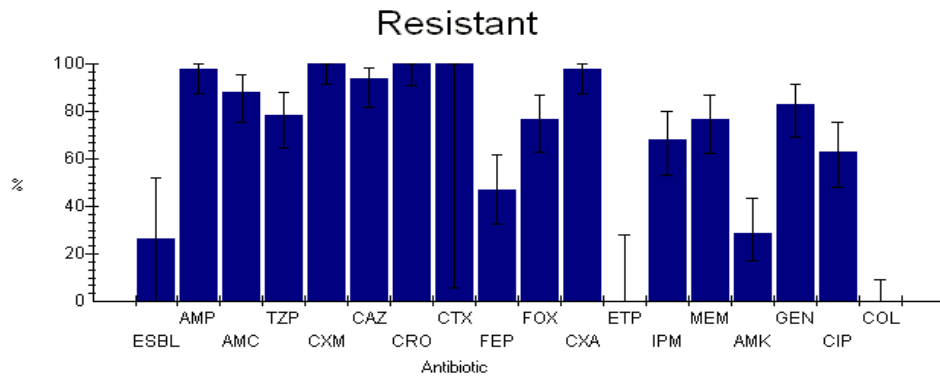
Antibiotic name	Breakpoints	Number	%R	%I	%S
ESBL		50	26		74
Ampicillin	S<=8 R>=32	48	97.9	0	2.1
Amoxicillin/Clavulanic acid	S<=8 R>=32	51	88.2	9.8	2
Piperacillin/Tazobactam	S<=16 R>=128	51	78.4	11.8	9.8
Cefuroxime	S<=8 R>=32	51	100	0	0
Ceftazidime	S<=4 R>=16	48	93.8	0	6.2
Ceftriaxone	S<=1 R>=4	49	100	0	0
Cefotaxime	S<=1 R>=4	1	100	0	0
Cefepime	S<=8 R>=32	47	46.8	25.5	27.7
Cefoxitin	S<=8 R>=32	52	76.9	0	23.1
Cefuroxime axetil	S<=4 R>=32	48	97.9	0	2.1
Ertapenem	S<=.5 R>=2	13	0	0	100
Imipenem	S<=1 R>=4	50	68	4	28
Meropenem	S<=1 R>=4	51	76.5	0	23.5
Amikacin	S<=16 R>=64	49	28.6	28.6	42.9
Gentamicin	S<=4 R>=16	52	82.7	1.9	15.4
Ciprofloxacin	S<=1 R>=4	51	62.7	9.8	27.5
Colistin	S<=2 R>=8	50	0	0	100

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ORGANISM:

Klebsiella pneumoniae



Code	Antibiotic r Breakpoint	Number	%R	%I	%S	%R9 5%C. MIC50	
ESBL	ESBL		50	26		74	
AMP_NM	Ampicillin S<=8 R>		48	97.9	0	2.1 87.5-99.9	32
AMC_NM	Amoxicillin S<=8 R>		51	88.2	9.8	2 75.4-95.1	32
TZP_NM	Piperacillin S<=16 R>		51	78.4	11.8	9.8 64.3-88.2	128
CXM_NM	Cefuroxim S<=8 R>		51	100	0	0 91.3-100	64
CAZ_NM	Ceftazidim S<=4 R>		48	93.8	0	6.2 81.9-98.4	64
CRO_NM	Ceftriaxon S<=1 R>		49	100	0	0 90.9-100	64
CTX_NM	Cefotaxim S<=1 R>		1	100	0	0 5.5-100	64
FEP_NM	Cefepime S<=8 R>		47	46.8	25.5	27.7 32.4-61.8	16
FOX_NM	Cefoxitin S<=8 R>		52	76.9	0	23.1 62.8-87.0	64
CXA_NM	Cefuroxim S<=4 R>		48	97.9	0	2.1 87.5-99.9	64
ETP_NM	Ertapenem S<=.5 R>		13	0	0	100 0.0-28.3	0.5
IPM_NM	Imipenem S<=1 R>		50	68	4	28 53.2-80.1	8
MEM_NM	Meropener S<=1 R>		51	76.5	0	23.5 62.2-86.8	16
AMK_NM	Amikacin S<=16 R>		49	28.6	28.6	42.9 17.0-43.5	32
GEN_NM	Gentamicin S<=4 R>		52	82.7	1.9	15.4 69.2-91.3	16
CIP_NM	Ciprofloxacin S<=1 R>		51	62.7	9.8	27.5 48.0-75.5	4
COL_NM	Colistin S<=2 R>		50	0	0	100 0.0-8.9	0.5

MIC90	Geom.Me	MIC Range	Number	<=.001	0.002	0.004	0.008	0.016
32	30.204	2 - 32	48					
32	29.096	8 - 32	51					
128	87.486	8 - 128	51					
64	64	64 - 64	51					
64	42.715	4 - 64	48					
64	63.101	32 - 64	49					
64	64	64 - 64	1					
64	15.083	2 - 64	47					
64	33.306	4 - 64	52					
64	60.408	4 - 64	48					
0.5	0.5	0.5 - 0.5	13					
16	4.056	0.25 - 16	50					
16	5.109	0.25 - 16	51					
64	13.312	2 - 64	49					
16	10.306	1 - 16	52					
4	2	0.25 - 4	51					
0.5	0.5	0.5 - 0.5	50					

0.032	0.064	0.125	0.25	0.5	1	2	4	8
						2.1		
							6.2	2 3.9
						19.1	4.3	4.3
							23.1 2.1	
				100				
		22		6		4	4	16
		23.5					5.9	11.8
					15.4	32.7	6.1	2
			17.6		9.8	9.8	62.7	1.9
				100				

16	32	64	128	256	>256
	97.9				
9.8	88.2				
5.9	9.8	2	78.4		
		100			
16.7		77.1			
	2	98			
		100			
25.5	31.9	14.9			
	1.9	75			
		97.9			
48					
58.8					
2	28.6	28.6			
82.7					