

DATE

JANUARY 1 - MARCH 31, 2018

ORGANISM:

Klebsiella pneumonia

WARD:

NICU

SPECIMEN:

ETA

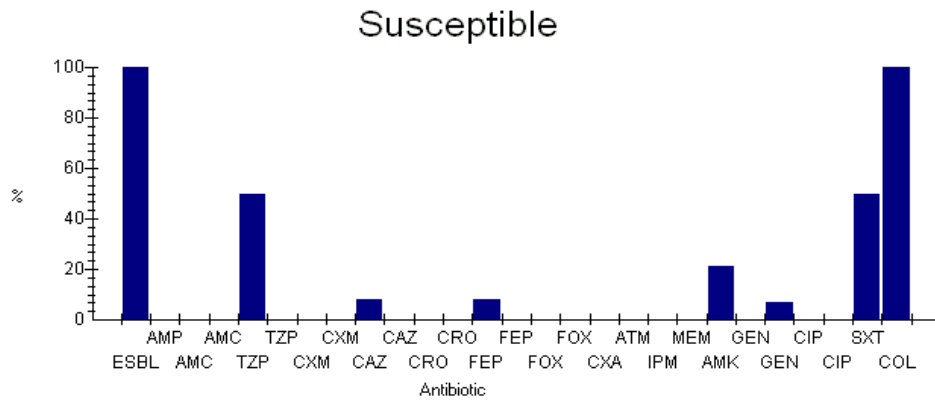
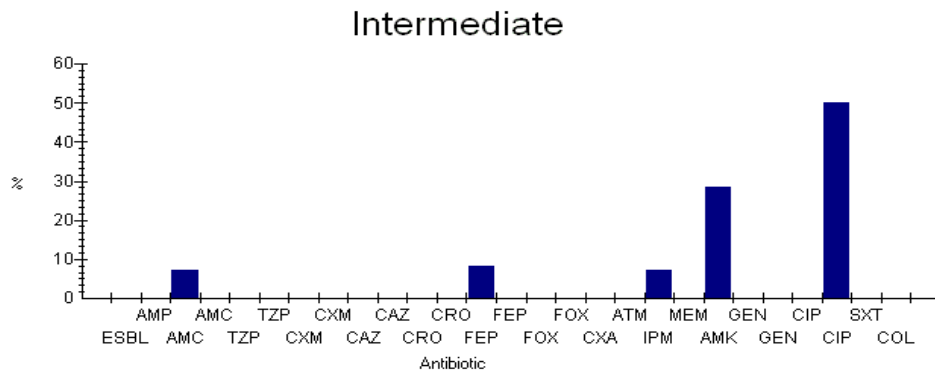
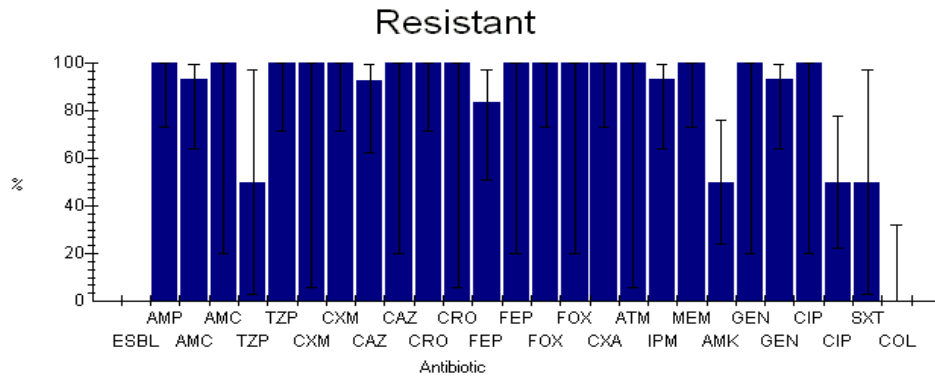
NUMBER OF ISOLATES:

14

Antibiotic name	Breakpoints	Number	%R	%I	%S
ESBL		13	0		100
Ampicillin	S<=8 R>=32	14	100	0	0
Amoxicillin/Clavulanic acid	S<=8 R>=32	14	92.9	7.1	0
Amoxicillin/Clavulanic acid	12 - 17	2	100	0	0
Piperacillin/Tazobactam	17 - 21	2	50	0	50
Piperacillin/Tazobactam	S<=16 R>=128	13	100	0	0
Cefuroxime	15 - 17	1	100	0	0
Cefuroxime	S<=8 R>=32	13	100	0	0
Ceftazidime	S<=4 R>=16	13	92.3	0	7.7
Ceftazidime	18 - 20	2	100	0	0
Ceftriaxone	S<=1 R>=4	13	100	0	0
Ceftriaxone	20 - 22	1	100	0	0
Cefepime	S<=8 R>=32	12	83.3	8.3	8.3
Cefepime	15 - 17	2	100	0	0
Cefoxitin	S<=8 R>=32	14	100	0	0
Cefoxitin	15 - 17	2	100	0	0
Cefuroxime axetil	S<=4 R>=32	14	100	0	0
Aztreonam	18 - 20	1	100	0	0
Imipenem	S<=1 R>=4	14	92.9	7.1	0
Meropenem	S<=1 R>=4	14	100	0	0
Amikacin	S<=16 R>=64	14	50	28.6	21.4
Gentamicin	13 - 14	2	100	0	0
Gentamicin	S<=4 R>=16	14	92.9	0	7.1
Ciprofloxacin	16 - 20	2	100	0	0
Ciprofloxacin	S<=1 R>=4	12	50	50	0
Trimethoprim/Sulfamethoxazole	11 - 15	2	50	0	50
Colistin	S<=2 R>=8	11	0	0	100

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Code	Antibiotic r Breakpoint	Number	%R	%I	%S	%R9 5%C. MIC50	
ESBL	ESBL	13	0			100	
AMP_NM	Ampicillin S<=8 R>	14	100	0	0	73.2-100	32
AMC_NM	Amoxicillin S<=8 R>	14	92.9	7.1	0	64.2-99.6	32
AMC_ND2	Amoxicillin 12 - 17	2	100	0	0	19.8-100	
TZP_ND1	Piperacillin 17 - 21	2	50	0	50	2.7-97.3	
TZP_NM	Piperacillin S<=16 R>	13	100	0	0	71.7-100	128
CXM_ND3	Cefuroxime 15 - 17	1	100	0	0	5.5-100	
CXM_NM	Cefuroxime S<=8 R>	13	100	0	0	71.7-100	64
CAZ_NM	Ceftazidim S<=4 R>	13	92.3	0	7.7	62.1-99.6	64
CAZ_ND3	Ceftazidim 18 - 20	2	100	0	0	19.8-100	
CRO_NM	Ceftriaxon S<=1 R>	13	100	0	0	71.7-100	64
CRO_ND3	Ceftriaxon 20 - 22	1	100	0	0	5.5-100	
FEP_NM	Cefepime S<=8 R>	12	83.3	8.3	8.3	50.8-97.0	64
FEP_ND3	Cefepime 15 - 17	2	100	0	0	19.8-100	
FOX_NM	Cefoxitin S<=8 R>	14	100	0	0	73.2-100	64
FOX_ND3	Cefoxitin 15 - 17	2	100	0	0	19.8-100	
CXA_NM	Cefuroxime S<=4 R>	14	100	0	0	73.2-100	64
ATM_ND3	Aztreonam 18 - 20	1	100	0	0	5.5-100	
IPM_NM	Imipenem S<=1 R>	14	92.9	7.1	0	64.2-99.6	16
MEM_NM	Meropener S<=1 R>	14	100	0	0	73.2-100	16
AMK_NM	Amikacin S<=16 R>	14	50	28.6	21.4	24.0-76.0	32
GEN_ND1	Gentamicin 13 - 14	2	100	0	0	19.8-100	
GEN_NM	Gentamicin S<=4 R>	14	92.9	0	7.1	64.2-99.6	16
CIP_ND5	Ciprofloxacin 16 - 20	2	100	0	0	19.8-100	
CIP_NM	Ciprofloxacin S<=1 R>	12	50	50	0	22.3-77.7	2
SXT_ND1	Trimethoprim 11 - 15	2	50	0	50	2.7-97.3	
COL_NM	Colistin S<=2 R>	11	0	0	100	0.0-32.1	0.5

MIC90	Geom.Me	MIC Range	Number	6	7	8	9	10
32	32	32 - 32	14					
32	30.454	16 - 32	14					
			2	100				
			2	50				
128	128	128 - 128	13					
			1	100				
64	64	64 - 64	13					
64	51.708	4 - 64	13					
			2	100				
64	64	64 - 64	13					
			1	100				
64	45.255	8 - 64	12					
			2	100				
64	64	64 - 64	14					
			2	100				
64	64	64 - 64	14					
			1	100				
16	10.247	2 - 16	14					
16	11.888	4 - 16	14					
64	30.454	2 - 64	14					
			2	100				
16	13.125	1 - 16	14					
			2	100				
4	2.828	2 - 4	12					
			2	50				
0.5	0.5	0.5 - 0.5	11					

11

12

13

14

15

16

17

18

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22

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28

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30

31

32

33

34

35 >35

$\leq .001$

0.002 0.004 0.008 0.016 0.032 0.064 0.125 0.25 0.5

1	2	4	8	16	32	64	128	256
				7.1	100 92.9			
							100	
		7.7				100 92.3		
						100		
			8.3	8.3	8.3	75		
						100		
						100		
	7.1	7.1	28.6	57.1				
		7.1	28.6	64.3				
	7.1	7.1		7.1	28.6	50		
7.1				92.9				
	50	50						

>256