

DATE

JANUARY 1 - MARCH 31, 2018

ORGANISM:

Enterobacter aerogenes

WARD:

NICU

SPECIMEN:

ETA

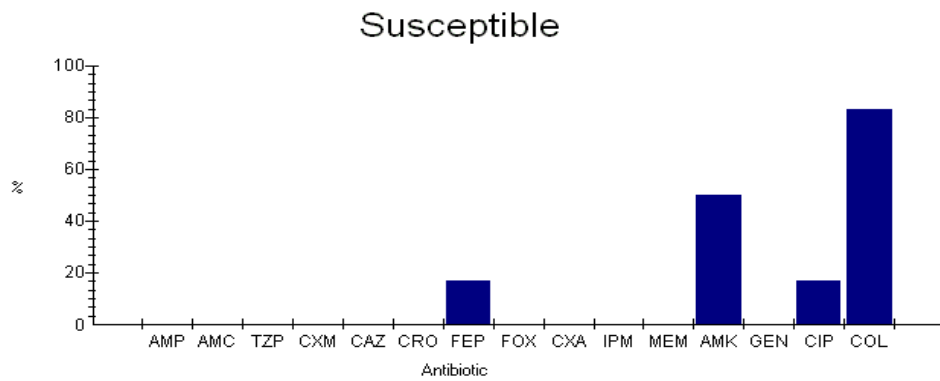
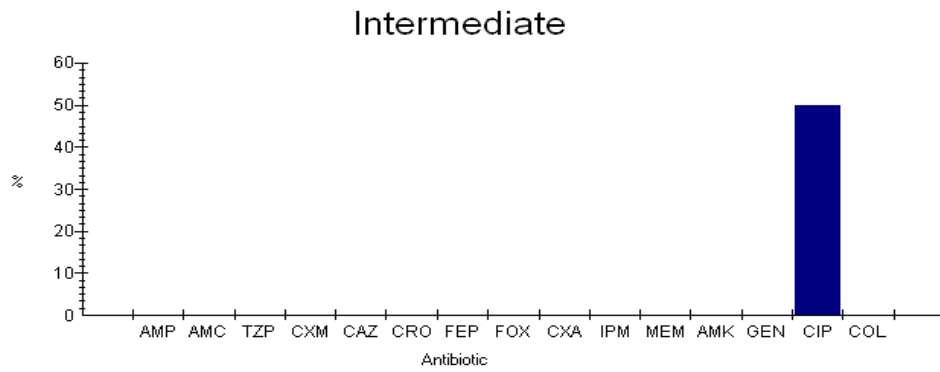
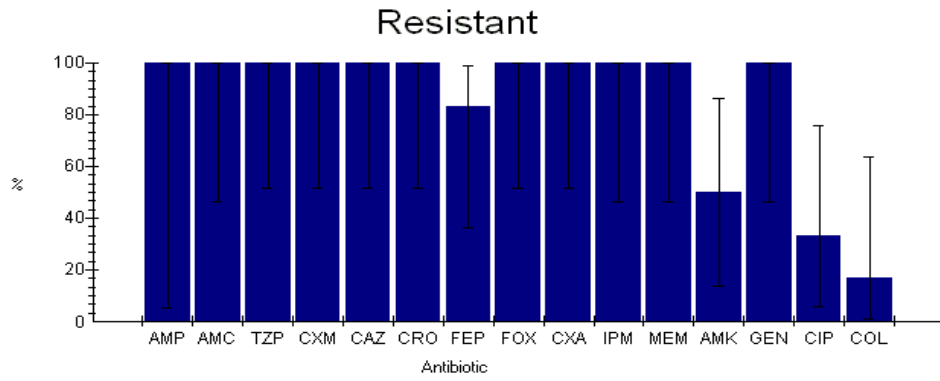
NUMBER OF ISOLATES:

6

Antibiotic name	Breakpoints	Number	%R	%I	%S
Ampicillin	S<=8 R>=32	1	100	0	0
Amoxicillin/Clavulanic acid	S<=8 R>=32	5	100	0	0
Piperacillin/Tazobactam	S<=16 R>=128	6	100	0	0
Cefuroxime	S<=8 R>=32	6	100	0	0
Ceftazidime	S<=4 R>=16	6	100	0	0
Ceftriaxone	S<=1 R>=4	6	100	0	0
Cefepime	S<=8 R>=32	6	83.3	0	16.7
Cefoxitin	S<=8 R>=32	6	100	0	0
Cefuroxime axetil	S<=4 R>=32	6	100	0	0
Imipenem	S<=1 R>=4	5	100	0	0
Meropenem	S<=1 R>=4	5	100	0	0
Amikacin	S<=16 R>=64	6	50	0	50
Gentamicin	S<=4 R>=16	5	100	0	0
Ciprofloxacin	S<=1 R>=4	6	33.3	50	16.7
Colistin	S<=2 R>=8	6	16.7	0	83.3

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Code	Antibiotic r Breakpoint	Number	%R	%I	%S	%R9 5%C. MIC50	
AMP_NM	Ampicillin S<=8 R>	1	100	100	0	0 5.5-100	32
AMC_NM	Amoxicillin S<=8 R>	5	100	100	0	0 46.3-100	32
TZP_NM	Piperacillin S<=16 R>	6	100	100	0	0 51.7-100	128
CXM_NM	Cefuroxime S<=8 R>	6	100	100	0	0 51.7-100	64
CAZ_NM	Ceftazidim S<=4 R>	6	100	100	0	0 51.7-100	64
CRO_NM	Ceftriaxon S<=1 R>	6	100	100	0	0 51.7-100	64
FEP_NM	Cefepime S<=8 R>	6	83.3	100	0	16.7 36.5-99.1	64
FOX_NM	Cefoxitin S<=8 R>	6	100	100	0	0 51.7-100	64
CXA_NM	Cefuroxime S<=4 R>	6	100	100	0	0 51.7-100	64
IPM_NM	Imipenem S<=1 R>	5	100	100	0	0 46.3-100	16
MEM_NM	Meropener S<=1 R>	5	100	100	0	0 46.3-100	16
AMK_NM	Amikacin S<=16 R>	6	50	100	0	50 13.9-86.1	16
GEN_NM	Gentamicin S<=4 R>	5	100	100	0	0 46.3-100	16
CIP_NM	Ciprofloxacin S<=1 R>	6	33.3	100	50	16.7 6.0-75.9	2
COL_NM	Colistin S<=2 R>	6	16.7	100	0	83.3 0.9-63.5	0.5

MIC90	Geom.Me	MIC Range	Number	<=.001	0.002	0.004	0.008	0.016
32	32	32 - 32	1					
32	32	32 - 32	5					
128	128	128 - 128	6					
64	64	64 - 64	6					
64	64	64 - 64	6					
64	64	64 - 64	6					
64	35.919	4 - 64	6					
64	64	64 - 64	6					
64	64	64 - 64	6					
16	13.929	8 - 16	5					
16	13.929	8 - 16	5					
64	25.398	4 - 64	6					
16	16	16 - 16	5					
4	2.245	1 - 4	6					
16	0.891	0.5 - 16	6					

0.032 0.064 0.125 0.25 0.5 1 2 4 8

16.7

20
20

16.7

83.3 16.7 50 33.3

16	32	64	128	256	>256
	100				
	100		100		
		100			
		100			
		100			
	16.7	66.7			
		100			
		100			
80					
80					
33.3		50			
100					
16.7					