

DATE

JANUARY 1 - MARCH 31, 2018

ORGANISM:

Serratia marcescens

WARD:

NICU

SPECIMEN:

Blood

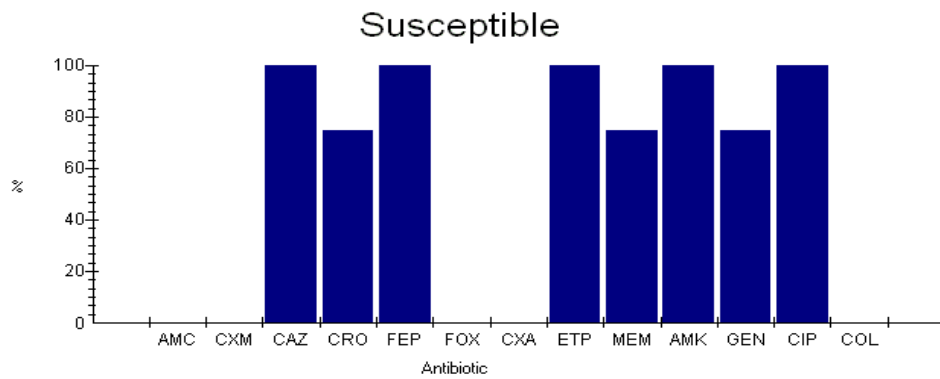
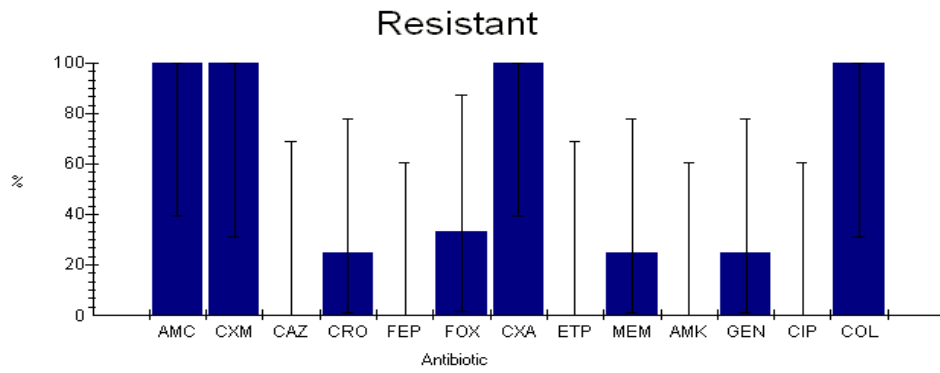
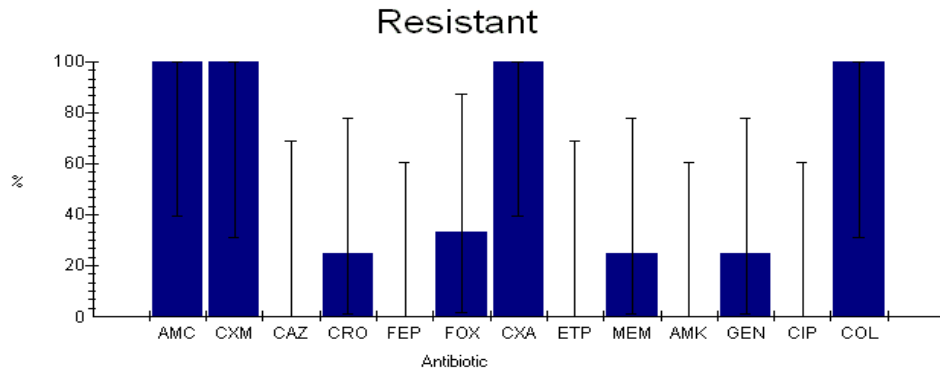
NUMBER OF ISOLATES:

4

Antibiotic name	Breakpoints	Number	%R	%I	%S
Amoxicillin/Clavulanic acid	S<=8 R>=32	4	100	0	0
Cefuroxime	S<=8 R>=32	3	100	0	0
Ceftazidime	S<=4 R>=16	3	0	0	100
Ceftriaxone	S<=1 R>=4	4	25	0	75
Cefepime	S<=8 R>=32	4	0	0	100
Cefoxitin	S<=8 R>=32	3	33.3	66.7	0
Cefuroxime axetil	S<=4 R>=32	4	100	0	0
Ertapenem	S<=.5 R>=2	3	0	0	100
Meropenem	S<=1 R>=4	4	25	0	75
Amikacin	S<=16 R>=64	4	0	0	100
Gentamicin	S<=4 R>=16	4	25	0	75
Ciprofloxacin	S<=1 R>=4	4	0	0	100
Colistin	S<=2 R>=8	3	100	0	0

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Code	Antibiotic r Breakpoint	Number	%R	%I	%S	%R9 5%C. MIC50	
AMC_NM	Amoxicillin S<=8 R>	4	100	0	0	0 39.6-100	32
CXM_NM	Cefuroxim S<=8 R>	3	100	0	0	0 31.0-100	64
CAZ_NM	Ceftazidim S<=4 R>	3	0	0	100	0.0-69.0	1
CRO_NM	Ceftriaxon S<=1 R>	4	25	0	75	1.3-78.1	1
FEP_NM	Cefepime S<=8 R>	4	0	0	100	0.0-60.4	1
FOX_NM	Cefoxitin S<=8 R>	3	33.3	66.7	0	1.8-87.5	16
CXA_NM	Cefuroxim S<=4 R>	4	100	0	0	0 39.6-100	64
ETP_NM	Ertapenem S<=.5 R>	3	0	0	100	0.0-69.0	0.5
MEM_NM	Meropener S<=1 R>	4	25	0	75	1.3-78.1	0.25
AMK_NM	Amikacin S<=16 R>	4	0	0	100	0.0-60.4	2
GEN_NM	Gentamicir S<=4 R>	4	25	0	75	1.3-78.1	1
CIP_NM	Ciprofloxac S<=1 R>	4	0	0	100	0.0-60.4	0.25
COL_NM	Colistin S<=2 R>	3	100	0	0	0 31.0-100	16

MIC90	Geom.Me	MIC Range	Number	<=.001	0.002	0.004	0.008	0.016
32	32	32 - 32	4					
64	50.797	32 - 64	3					
1	1	1 - 1	3					
64	2.828	1 - 64	4					
4	1.414	1 - 4	4					
64	25.398	16 - 64	3					
64	53.817	32 - 64	4					
0.5	0.5	0.5 - 0.5	3					
8	0.595	0.25 - 8	4					
4	2.378	2 - 4	4					
16	2	1 - 16	4					
0.25	0.25	0.25 - 0.25	4					
16	16	16 - 16	3					

0.032 0.064 0.125 0.25 0.5 1 2 4 8

100
75
75 25

75 100 75 25 25

100 75 75 25

16	32	64	128	256	>256
	100				
	33.3	66.7			
		25			
66.7		33.3			
	25	75			
25					
100					