

DATE

JANUARY 1 - MARCH 31, 2018

ORGANISM:

Acinetobacter baumannii

WARD:

NICU

SPECIMEN:

ETA

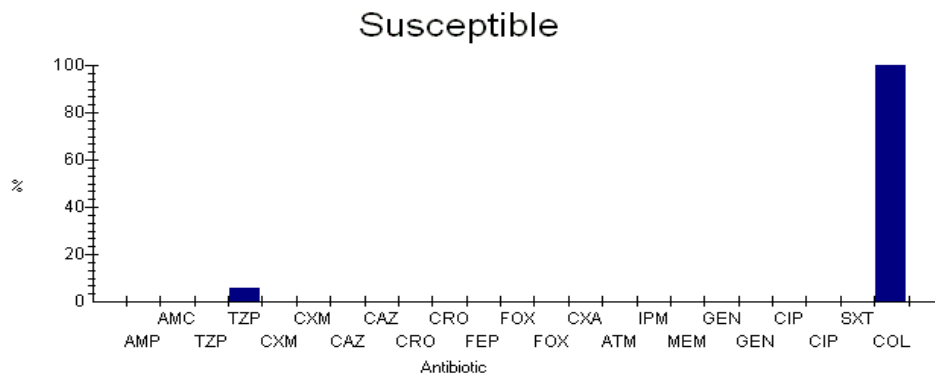
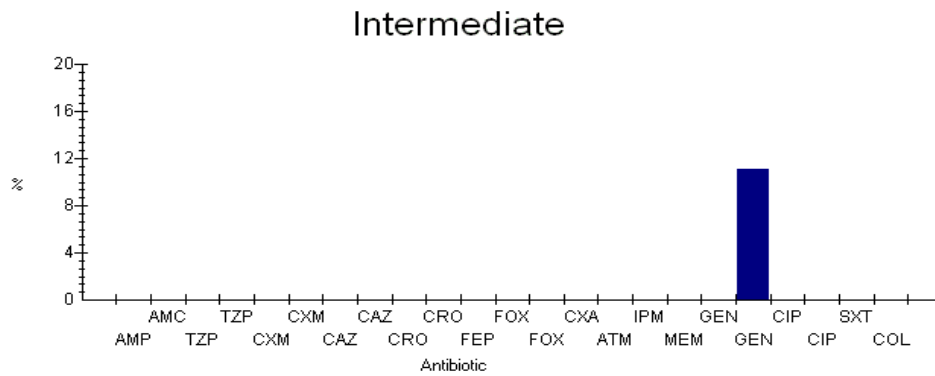
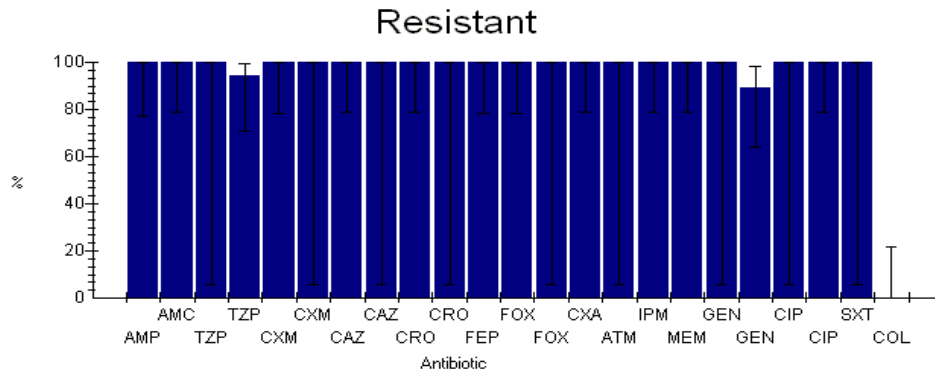
NUMBER OF ISOLATES:

19

Antibiotic name	Breakpoints	Number	%R	%I	%S
Ampicillin	S<=8 R>=32	17	100	0	0
Amoxicillin/Clavulanic acid	S<=8 R>=32	19	100	0	0
Piperacillin/Tazobactam	18 - 20	1	100	0	0
Piperacillin/Tazobactam	S<=16 R>=128	18	94.4	0	5.6
Cefuroxime	S<=8 R>=32	18	100	0	0
Cefuroxime	15 - 17	1	100	0	0
Ceftazidime	S<=8 R>=32	19	100	0	0
Ceftazidime	15 - 17	1	100	0	0
Ceftriaxone	S<=8 R>=64	19	100	0	0
Ceftriaxone	14 - 20	1	100	0	0
Cefepime	S<=8 R>=32	18	100	0	0
Cefoxitin	S<=8 R>=32	18	100	0	0
Cefoxitin	15 - 17	1	100	0	0
Cefuroxime axetil	S<=4 R>=32	19	100	0	0
Aztreonam	18 - 20	1	100	0	0
Imipenem	S<=4 R>=16	19	100	0	0
Meropenem	S<=4 R>=16	19	100	0	0
Gentamicin	13 - 14	1	100	0	0
Gentamicin	S<=4 R>=16	18	88.9	11.1	0
Ciprofloxacin	16 - 20	1	100	0	0
Ciprofloxacin	S<=1 R>=4	19	100	0	0
Trimethoprim/Sulfamethoxazole	11 - 15	1	100	0	0
Colistin	S<=2 R>=8	18	0	0	100

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*Acinetobacter baumannii*



Code	Antibiotic r Breakpoint	Number	%R	%I	%S	%R9 5%C. MIC50	
AMP_NM	Ampicillin S<=8 R>	17	100	100	0	0 77.1-100	32
AMC_NM	Amoxicillin S<=8 R>	19	100	100	0	0 79.1-100	32
TZP_ND1C	Piperacillin 18 - 20	1	100	100	0	0 5.5-100	
TZP_NM	Piperacillin S<=16 R>	18	94.4	94.4	0	5.6 70.6-99.7	128
CXM_NM	Cefuroxim S<=8 R>	18	100	100	0	0 78.1-100	64
CXM_ND3C	Cefuroxim 15 - 17	1	100	100	0	0 5.5-100	
CAZ_NM	Ceftazidim S<=8 R>	19	100	100	0	0 79.1-100	64
CAZ_ND3C	Ceftazidim 15 - 17	1	100	100	0	0 5.5-100	
CRO_NM	Ceftriaxon S<=8 R>	19	100	100	0	0 79.1-100	64
CRO_ND3C	Ceftriaxon 14 - 20	1	100	100	0	0 5.5-100	
FEP_NM	Cefepime S<=8 R>	18	100	100	0	0 78.1-100	64
FOX_NM	Cefoxitin S<=8 R>	18	100	100	0	0 78.1-100	64
FOX_ND3C	Cefoxitin 15 - 17	1	100	100	0	0 5.5-100	
CXA_NM	Cefuroxim S<=4 R>	19	100	100	0	0 79.1-100	64
ATM_ND3C	Aztreonam 18 - 20	1	100	100	0	0 5.5-100	
IPM_NM	Imipenem S<=4 R>	19	100	100	0	0 79.1-100	16
MEM_NM	Meropener S<=4 R>	19	100	100	0	0 79.1-100	16
GEN_ND1C	Gentamicir 13 - 14	1	100	100	0	0 5.5-100	
GEN_NM	Gentamicir S<=4 R>	18	88.9	88.9	11.1	0 63.9-98.1	16
CIP_ND5C	Ciprofloxac 16 - 20	1	100	100	0	0 5.5-100	
CIP_NM	Ciprofloxac S<=1 R>	19	100	100	0	0 79.1-100	4
SXT_ND1C	Trimethopr 11 - 15	1	100	100	0	0 5.5-100	
COL_NM	Colistin S<=2 R>	18	0	0	0	100 0.0-21.9	0.5

MIC90	Geom.Me	MIC Range	Number	6	7	8	9	10
32	32	32 - 32	17					
32	32	32 - 32	19					
			1	100				
128	112.227	12 - 128	18					
64	64	64 - 64	18					
			1	100				
64	64	64 - 64	19					
			1	100				
64	64	64 - 64	19					
			1	100				
64	64	64 - 64	18					
64	64	64 - 64	18					
			1	100				
64	64	64 - 64	19					
			1	100				
16	16	16 - 16	19					
16	16	16 - 16	19					
			1	100				
16	14.814	8 - 16	18					
			1	100				
4	4	4 - 4	19					
			1	100				
0.5	0.5	0.5 - 0.5	18					

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35 >35

$\leq .001$

0.0015    0.002    0.003    0.004    0.006    0.008    0.012    0.016    0.023



0.032 0.047 0.064 0.094 0.125 0.19 0.25 0.38 0.5

0.75

1

1.5

2

3

4

6

8

12

5.6

11.1

100

16      24      32  
                 100  
                 100

94.4

100

100

100

100

100

100

100

100

88.9

384 >256