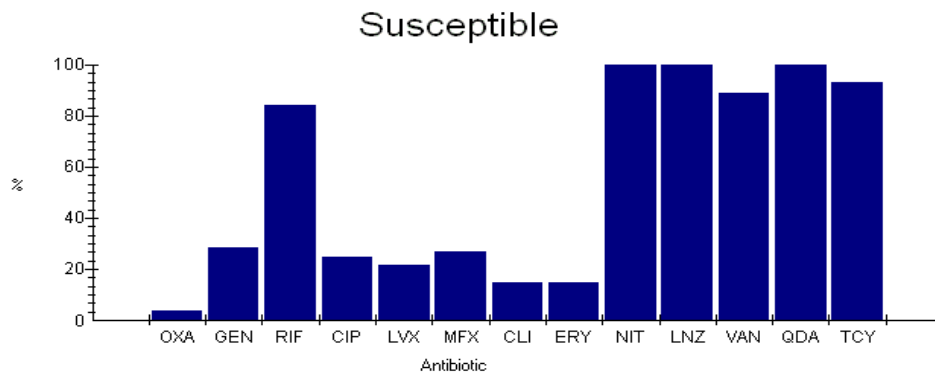
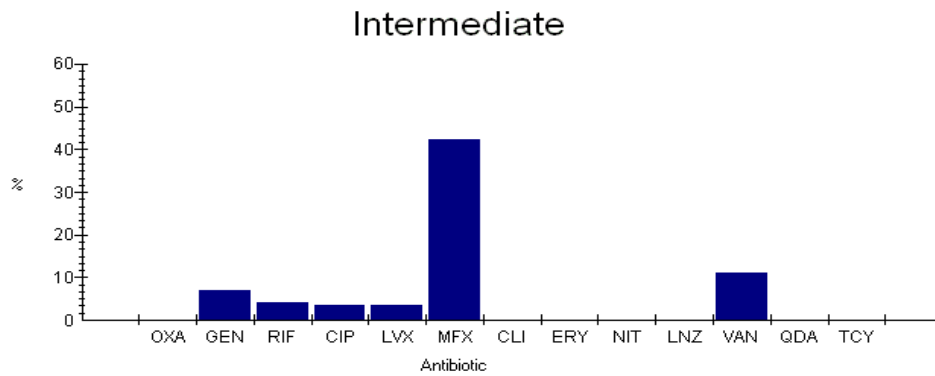
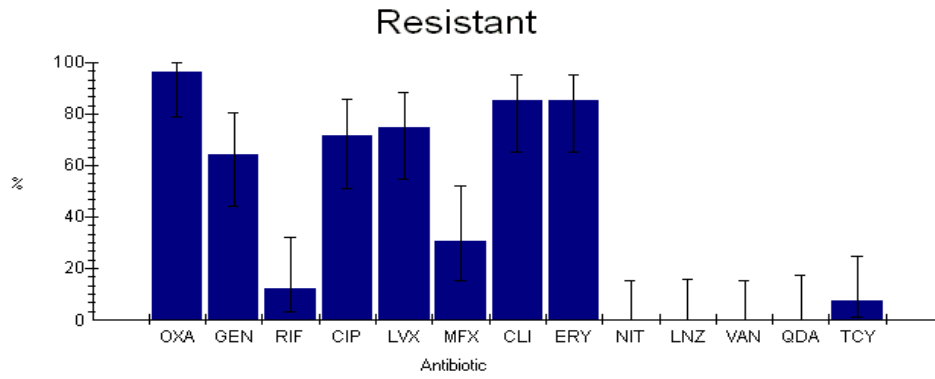


DATE: JANUARY 1 - MARCH 31, 2018
 ORGANISM: Staphylococcus epidermidis
 WARD: NICU
 SPECIMEN: Blood
 NUMBER OF ISOLATES: 28

Antibiotic name	Breakpoints	Number	%R	%I	%S
Oxacillin	S<=2 R>=4	27	96.3	0	3.7
Gentamicin	S<=4 R>=16	28	64.3	7.1	28.6
Rifampin	S<=1 R>=4	25	12	4	84
Ciprofloxacin	S<=1 R>=4	28	71.4	3.6	25
Levofloxacin	S<=1 R>=4	28	75	3.6	21.4
Moxifloxacin	S<=.5 R>=2	26	30.8	42.3	26.9
Clindamycin	S<=.5 R>=4	27	85.2	0	14.8
Erythromycin	S<=.5 R>=8	27	85.2	0	14.8
Nitrofurantoin	S<=32 R>=128	28	0	0	100
Linezolid	S<=4 R>=8	26	0	0	100
Vancomycin	S<=2 R>=16	27	0	11.1	88.9
Quinupristin/Dalfopristin	S<=1 R>=4	24	0	0	100
Tetracycline	S<=4 R>=16	28	7.1	0	92.9

DATE
ORGANISM:

JANUARY 1 - MARCH 31, 2018
Staphylococcus epidermidis



Code	Antibiotic	r	Breakpoint	Number	%R	%I	%S	%R9 5%C.	MIC50
OXA_NM	Oxacillin	S<=2	R>	27	96.3	0	3.7	79.1-99.8	4
GEN_NM	Gentamicin	S<=4	R>	28	64.3	7.1	28.6	44.1-80.7	16
RIF_NM	Rifampin	S<=1	R>	25	12	4	84	3.2-32.3	0.5
CIP_NM	Ciprofloxacin	S<=1	R>	28	71.4	3.6	25	51.1-86.0	8
LVX_NM	Levofloxacin	S<=1	R>	28	75	3.6	21.4	54.8-88.6	4
MXF_NM	Moxifloxacin	S<=.5	R>	26	30.8	42.3	26.9	15.1-51.9	1
CLI_NM	Clindamycin	S<=.5	R>	27	85.2	0	14.8	65.4-95.2	8
ERY_NM	Erythromycin	S<=.5	R>	27	85.2	0	14.8	65.4-95.2	8
NIT_NM	Nitrofurantoin	S<=32	R>	28	0	0	100	0.0-15.0	16
LNZ_NM	Linezolid	S<=4	R>	26	0	0	100	0.0-16.0	1
VAN_NM	Vancomycin	S<=2	R>	27	0	11.1	88.9	0.0-15.5	1
QDA_NM	Quinupristin	S<=1	R>	24	0	0	100	0.0-17.2	0.25
TCY_NM	Tetracycline	S<=4	R>	28	7.1	0	92.9	1.2-24.9	1

MIC90	Geom.Me	MIC Range	Number	<=.001	0.0015	0.002	0.003	0.004
4	3.61	0.25 - 4	27					
16	5.756	0.5 - 26	28					
32	0.877	0.15 - 32	25					
8	3.623	0.5 - 8	28					
8	2.547	0.12 - 8	28					
8	1.238	0.25 - 8	26					
8	4.666	0.25 - 8	27					
8	4.787	0.25 - 8	27					
32	17.233	16 - 32	28					
2	1.377	1 - 2	26					
4	1.293	1 - 4	27					
0.5	0.281	0.25 - 0.5	24					
2	1.641	1 - 16	28					

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
		3.7						
				28.6				
4				72		8		4
				21.4		3.6		3.6
14.3				3.6		3.6		3.6
		26.9				42.3		3.8
		14.8						
		14.8						
						53.8		46.2
						74.1		14.8
		83.3		16.7				
						50		42.9

3	4	6	8	12	16	24	32	48
	96.3		7.1		60.7	3.6		
	10.7		60.7				12	
	46.4		28.6					
	3.7		26.9					
			81.5					
			85.2					
					89.3		10.7	
	11.1							
					7.1			

64

96

128

192

256

384 >256