

DATE

JANUARY 1 - MARCH 31, 2018

ORGANISM:

Staphylococcus hominis

WARD:

Pedia

SPECIMEN:

Blood

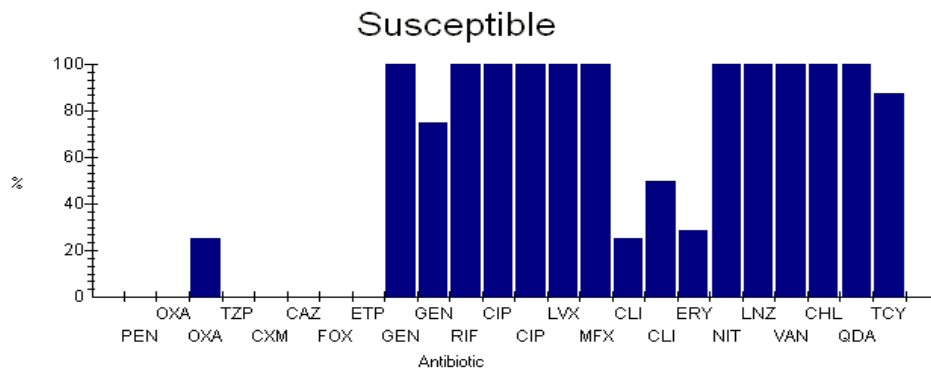
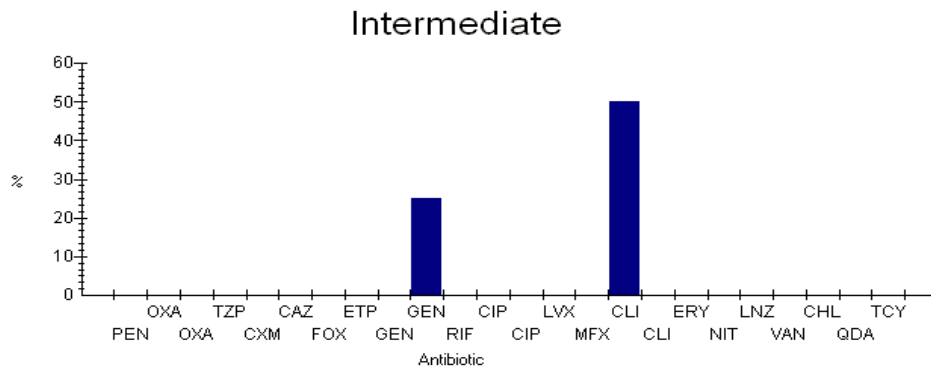
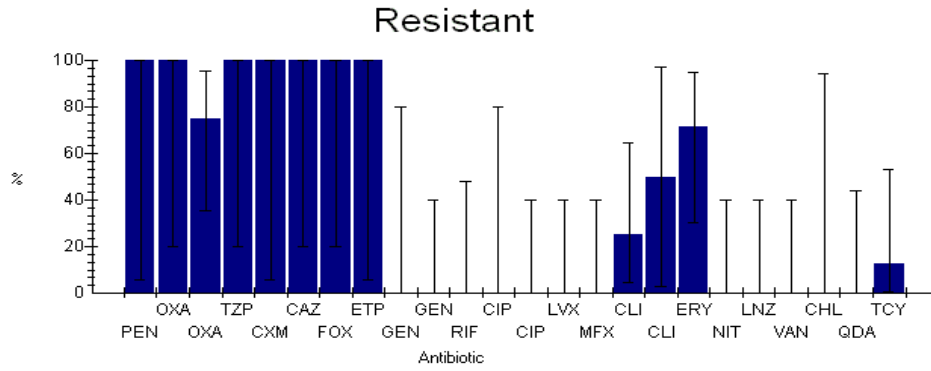
NUMBER OF ISOLATES:

8

Antibiotic name	Breakpoints	Number	%R	%I	%S
Penicillin G	S >= 29	1	100	0	0
Oxacillin	11 - 12	2	100	0	0
Oxacillin	S<=2 R>=4	8	75	0	25
Piperacillin/Tazobactam	S >= 18	2	100	0	0
Cefuroxime	15 - 22	1	100	0	0
Ceftazidime	15 - 17	2	100	0	0
Cefoxitin	S >= 25	2	100	0	0
Ertapenem	S<=2 R>=8	1	100	0	0
Gentamicin	13 - 14	2	0	0	100
Gentamicin	S<=4 R>=16	8	0	25	75
Rifampin	S<=1 R>=4	6	0	0	100
Ciprofloxacin	16 - 20	2	0	0	100
Ciprofloxacin	S<=1 R>=4	8	0	0	100
Levofloxacin	S<=1 R>=4	8	0	0	100
Moxifloxacin	S<=.5 R>=2	8	0	0	100
Clindamycin	S<=.5 R>=4	8	25	50	25
Clindamycin	15 - 20	2	50	0	50
Erythromycin	S<=.5 R>=8	7	71.4	0	28.6
Nitrofurantoin	S<=32 R>=128	8	0	0	100
Linezolid	S<=4 R>=8	8	0	0	100
Vancomycin	S<=2 R>=16	8	0	0	100
Chloramphenicol	13 - 17	1	0	0	100
Quinupristin/Dalfopristin	S<=1 R>=4	7	0	0	100
Tetracycline	S<=4 R>=16	8	12.5	0	87.5

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Code	Antibiotic	Site of infe	Breakpoint	Number	%R	%I	%S	%R9 5% C.
PEN_ND1	Penicillin G		S >=	29	1	100	0	0 5.5-100
OXA_ND1	Oxacillin		11 -	12	2	100	0	0 19.8-100
OXA_NM	Oxacillin		S<=2 R>		8	75	0	25 35.6-95.5
TZP_ND1	Piperacillin/Tazobactam		S >=	18	2	100	0	0 19.8-100
CXM_ND3	Cefuroxime	Oral	15 -	22	1	100	0	0 5.5-100
CAZ_ND3	Ceftazidime		15 -	17	2	100	0	0 19.8-100
FOX_ND3	Cefoxitin		S >=	25	2	100	0	0 19.8-100
ETP_NM	Ertapenem		S<=2 R>		1	100	0	0 5.5-100
GEN_ND1	Gentamicin		13 -	14	2	0	0	100 0.0-80.2
GEN_NM	Gentamicin		S<=4 R>		8	0	25	75 0.0-40.2
RIF_NM	Rifampin		S<=1 R>		6	0	0	100 0.0-48.3
CIP_ND5	Ciprofloxacin		16 -	20	2	0	0	100 0.0-80.2
CIP_NM	Ciprofloxacin		S<=1 R>		8	0	0	100 0.0-40.2
LVX_NM	Levofloxacin		S<=1 R>		8	0	0	100 0.0-40.2
MXF_NM	Moxifloxacin		S<=.5 R>		8	0	0	100 0.0-40.2
CLI_NM	Clindamycin		S<=.5 R>		8	25	50	25 4.5-64.4
CLI_ND2	Clindamycin		15 -	20	2	50	0	50 2.7-97.3
ERY_NM	Erythromycin		S<=.5 R>		7	71.4	0	28.6 30.2-94.9
NIT_NM	Nitrofurantoin		S<=32 R>		8	0	0	100 0.0-40.2
LNZ_NM	Linezolid		S<=4 R>		8	0	0	100 0.0-40.2
VAN_NM	Vancomycin		S<=2 R>		8	0	0	100 0.0-40.2
CHL_ND3	Chloramphenicol		13 -	17	1	0	0	100 0.0-94.5
QDA_NM	Quinupristin/Dalfopristin		S<=1 R>		7	0	0	100 0.0-43.9
TCY_NM	Tetracycline		S<=4 R>		8	12.5	0	87.5 0.7-53.3

MIC50	MIC90	Geom. Mez	MIC Range	Number	6	7	8	9
				1				
				2	50			
4	4	2.378	0.25 - 4	8				
				2				
				1				
				2	50			
				2	50			
8	8	8	8 - 8	1				
				2				
1	8	1.297	0.5 - 8	8				
1	1	0.794	0.5 - 1	6				
				2				
0.5	0.5	0.5	0.5 - 0.5	8				
0.125	0.125	0.12	0.12 - 0.12	8				
0.25	0.5	0.273	0.25 - 0.5	8				
1	8	1.189	0.25 - 8	8				
				2	50			
8	8	2.972	0.25 - 8	7				
16	32	19.027	16 - 32	8				
2	2	1.682	1 - 2	8				
1	1	0.771	0.5 - 1	8				
				1				
0.25	0.5	0.336	0.25 - 0.5	7				
1	16	2	1 - 16	8				

10

11

12

13

14

15

16

17

18
100

50

50

19

20

21

22

23

24

25

26

27

50

100

50

100

28

29

30

31

32

33

34

35 >35

50

50

50

50

100

<=.001 0.002 0.004 0.008 0.016 0.032 0.064 0.125 0.25

12.5

100

87.5

25

28.6

57.1

0.5 1 2 4 8 16 32 64 128

12.5 75

100

37.5 37.5 25
33.3 66.7

100

12.5 25
50

71.4

75 25

25 75
37.5 62.5

42.9 12.5
50 25 12.5 12.5

256 >256