

DATE

JANUARY 1 - MARCH 31, 2018

ORGANISM:

Staphylococcus hominis

SPECIMEN:

Blood

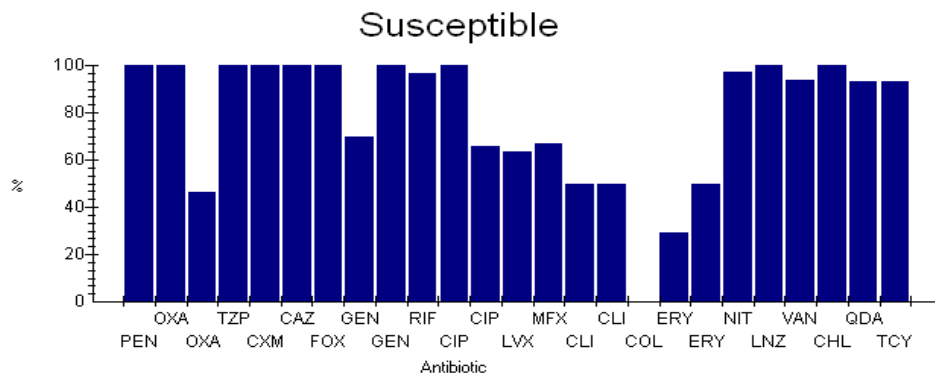
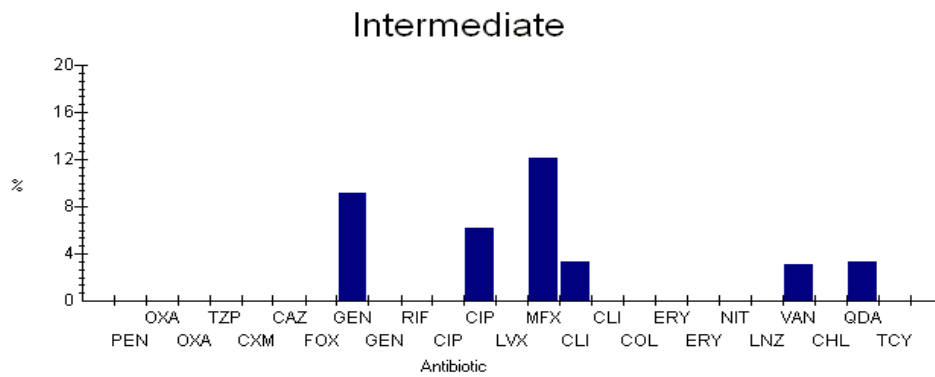
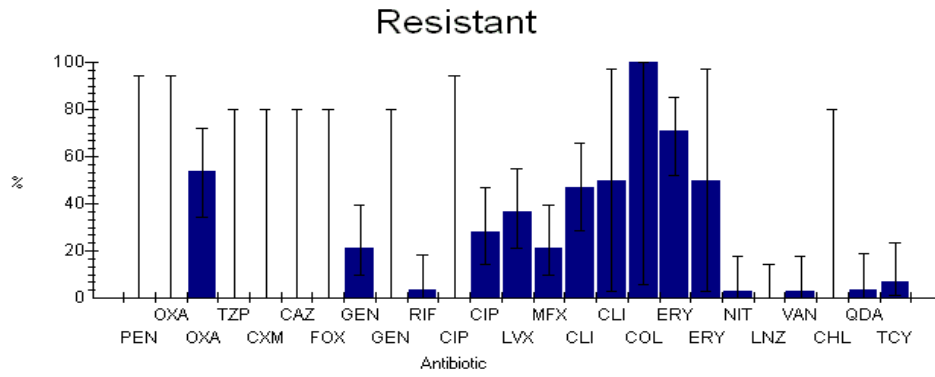
NUMBER OF ISOLATES:

33

Antibiotic name	Breakpoints	Number	%R	%I	%S
Penicillin G	S >= 29	1	0	0	100
Oxacillin	11 - 12	1	0	0	100
Oxacillin	S <=2 R >=4	28	53.6	0	46.4
Piperacillin/Tazobactam	S >= 18	2	0	0	100
Cefuroxime	15 - 22	2	0	0	100
Ceftazidime	15 - 17	2	0	0	100
Cefoxitin	S >= 25	2	0	0	100
Gentamicin	S <=4 R >=16	33	21.2	9.1	69.7
Gentamicin	13 - 14	2	0	0	100
Rifampin	S <=1 R >=4	31	3.2	0	96.8
Ciprofloxacin	16 - 20	1	0	0	100
Ciprofloxacin	S <=1 R >=4	32	28.1	6.2	65.6
Levofloxacin	S <=1 R >=4	33	36.4	0	63.6
Moxifloxacin	S <=.5 R >=2	33	21.2	12.1	66.7
Clindamycin	S <=.5 R >=4	30	46.7	3.3	50
Clindamycin	15 - 20	2	50	0	50
Colistin	S <=2 R >=8	1	100	0	0
Erythromycin	S <=.5 R >=8	31	71	0	29
Erythromycin	14 - 22	2	50	0	50
Nitrofurantoin	S <=32 R >=128	33	3	0	97
Linezolid	S <=4 R >=8	30	0	0	100
Vancomycin	S <=2 R >=16	32	3.1	3.1	93.8
Chloramphenicol	13 - 17	2	0	0	100
Quinupristin/Dalfopristin	S <=1 R >=4	30	3.3	3.3	93.3
Tetracycline	S <=4 R >=16	30	6.7	0	93.3

DATE
ORGANISM:

JANUARY 1 - MARCH 31, 2018
Staphylococcus hominis



Code	Antibiotic	Site of infe	Breakpoint	Number	%R	%I	%S	%R9 5%C.
PEN_ND1	Penicillin G		S >= 29	1	0	0	0	100 0.0-94.5
OXA_ND1	Oxacillin		11 - 12	1	0	0	0	100 0.0-94.5
OXA_NM	Oxacillin		S<=2 R>	28	53.6	0	0	46.4 34.2-72.0
TZP_ND1	Piperacillin/Tazobactam		S >= 18	2	0	0	0	100 0.0-80.2
CXM_ND3	Cefuroxime	Oral	15 - 22	2	0	0	0	100 0.0-80.2
CAZ_ND3	Ceftazidime		15 - 17	2	0	0	0	100 0.0-80.2
FOX_ND3	Cefoxitin		S >= 25	2	0	0	0	100 0.0-80.2
GEN_NM	Gentamicin		S<=4 R>	33	21.2	9.1	0	69.7 9.6-39.4
GEN_ND1	Gentamicin		13 - 14	2	0	0	0	100 0.0-80.2
RIF_NM	Rifampin		S<=1 R>	31	3.2	0	0	96.8 0.2-18.5
CIP_ND5	Ciprofloxacin		16 - 20	1	0	0	0	100 0.0-94.5
CIP_NM	Ciprofloxacin		S<=1 R>	32	28.1	6.2	0	65.6 14.4-47.0
LVX_NM	Levofloxacin		S<=1 R>	33	36.4	0	0	63.6 21.0-54.9
MXF_NM	Moxifloxacin		S<=.5 R>	33	21.2	12.1	0	66.7 9.6-39.4
CLI_NM	Clindamycin		S<=.5 R>	30	46.7	3.3	0	50 28.8-65.4
CLI_ND2	Clindamycin		15 - 20	2	50	0	0	50 2.7-97.3
COL_NM	Colistin		S<=2 R>	1	100	0	0	0 5.5-100
ERY_NM	Erythromycin		S<=.5 R>	31	71	0	0	29 51.8-85.1
ERY_ND1	Erythromycin		14 - 22	2	50	0	0	50 2.7-97.3
NIT_NM	Nitrofurantoin		S<=32 R>	33	3	0	0	97 0.2-17.5
LNZ_NM	Linezolid		S<=4 R>	30	0	0	0	100 0.0-14.1
VAN_NM	Vancomycin		S<=2 R>	32	3.1	3.1	0	93.8 0.2-18.0
CHL_ND3	Chloramphenicol		13 - 17	2	0	0	0	100 0.0-80.2
QDA_NM	Quinupristin/Dalfopristin		S<=1 R>	30	3.3	3.3	0	93.3 0.2-19.0
TCY_NM	Tetracycline		S<=4 R>	30	6.7	0	0	93.3 1.2-23.6

MIC50	MIC90	Geom. Mea	MIC Range	Number	6	7	8	9
				1				
				1				
	4	4 1.22	0.25 - 4	28				
				2				
				2				
				2				
				2				
	0.5	16	1.587 0.5 - 16	33				
				2				
	0.5	1	0.748 0.5 - 32	31				
				1				
	0.5	8	1.164 0.5 - 8	32				
0.125	8	0.498 0.12 - 8		33				
0.25	4	0.521 0.25 - 8		33				
0.25	8 1.32	0.25 - 8		30				
				2				
	8	8	8 8 - 8	1	50			
	8	8	2.925 0.25 - 8	31				
				2				
	16	32	19.74 16 - 512	33	50			
	2	2	1.91 1 - 4	30				
	1	1	0.917 0.5 - 32	32				
				2				
	0.5	0.5	0.425 0.25 - 16	30				
	1	2	1.412 0.12 - 16	30				

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

50

100

50

28	29	30 100 100	31	32	33	34	35 >35
50	50	50	50				
50					50		
				100			
			50				
		50					
		50					50

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

39.3

60.6

63.6
50

29

3.3

46.7

0.5	1	2	4	8	16	32	64	128
	7.1		53.6					
60.6		3	6.1	9.1	21.2			
58.1	38.7						3.2	
65.6		6.2	3.1	25				
3			21.2	15.2				
3	12.1	9.1	9.1	3				
	3.3			46.7				
				100				
				71				
					81.8	15.2		
	10	86.7	3.3					
34.4	59.4		3.1				3.1	
46.7		3.3				3.3		
	56.7	33.3				6.7		

256 >256

3