

# Bridgepoint Health Center ANTIBIOGRAM

## All Inpatients

### January 1, 2016 - December 31, 2016

#### All Urine Isolates – % Susceptible

	#	%	Antibiotics																			
			Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Cephalexin	Ceftriaxone	Ceftazidime	Doxycycline	Ciprofloxacin	Trimethoprim-Sulfamethoxazole	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
<b>ALL BACTERIA</b>	<b>385</b>	<b>—</b>	37	68		78	77	71			32	54		7	75	57	69					
<b>ALL GRAM-NEGATIVE BACTERIA</b>	<b>292</b>	<b>100</b>	23	64		74	99	91			40	69	76		78	73	61	92	90	100		
<i>Escherichia coli</i>	160	55	29	76		81	100	100			35	83	83		71	75	94	91	88	100		
<i>Klebsiella pneumoniae</i>	42	14	0	83		88	100	100			83	88	88		90	83	21	90	90	100		
<i>Proteus mirabilis</i>	24	8	83	92		96	100	100			83	96	96		79	96	0	92	96	100		
<i>Pseudomonas aeruginosa</i>	22	8				95	86						100		86			95	95	100		
<i>Enterobacter cloacae</i>	12	4	0	0		0	100	75			0	0	0		92	75	25	92	92	100		
<i>Citrobacter koseri</i>	9	3	0	0		0	100	100			0	0	0		100	78	89	100	100	100		
<i>Klebsiella oxytoca</i>	7	2	0	100		86	100	100			71	100	100		100	100	86	100	100	100		
<i>Enterobacter aerogenes</i>	6	2	0	0		0	100	100			0	0	0		100	100	17	100	100	100		
<b>ALL GRAM-POSITIVE BACTERIA</b>	<b>93</b>	<b>100</b>	83	83		90	8	8	8	8	8	8	8		31	66	10	95			99	99
<i>Enterococcus faecalis</i> , all isolates	76	82	100	100		100									22	80		100			100	100
- vancomycin-susceptible	76	82	100	100		100									22	80		100			100	100
- vancomycin-resistant (VRE)	0	0																				
<i>Staphylococcus aureus</i> , all isolates	9	10				78	78	78	78	78	78				100		100	100			100	100
- methicillin-susceptible	7	8				100	100	100	100	100	100				100		100	100			100	100
- methicillin-resistant (MRSA)	2	2				0	0	0	0	0	0				100		100	100			100	100
<i>Enterococcus faecium</i> , all isolates	7	8	0	0		0									43	0		28			86	100
- vancomycin-susceptible	6	6	0	0		0									50	0		33			100	100
- vancomycin-resistant (VRE)	1	1	0	0		0									0	0		0			0	100
- vancomycin-susceptible (vanA+)	0	0																				

**General Notes:**

- Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
- Some organisms for which there were only very small numbers have been excluded from this report; however the total number of "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" listed includes these organisms.
- Reported susceptibilities for "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" reflect estimates only based on the weighted average of susceptibilities for all organisms included on this report as well as those that have been excluded, with assumptions made for those drugs for which susceptibilities were not tested.
- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

**Year-Specific Notes:**

- Susceptibility for cefazolin are not available for Gram-negative isolates from non-sterile site specimens for the current year.

## Bridgepoint Health Center ANTIBIOGRAM All Inpatients January 1, 2016 - December 31, 2016

### All Non-Urine Isolates – % Susceptible

		Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid	
#	%																						
<b>ALL BACTERIA</b>	184	—	11	23	79	91	61			58							62						
<b>ALL GRAM-NEGATIVE BACTERIA</b>	114	100	13	33	73	95	47			41	78				75		39	91	90	97			
<i>Pseudomonas aeruginosa</i>	43	38			84	86					95				77			93	95	100			
<i>Escherichia coli</i>	22	19	28	56	56	100	100			56	56				61		39	83	72	94			
<i>Klebsiella pneumoniae</i>	13	11	0	83	67	100	100			83	83				92		67	92	92	100			
<i>Proteus mirabilis</i>	9	8	67	89	89	100	100			89	89				78		89	89	89	100			
<i>Moraxella catarrhalis</i> <sup>^</sup>	9	8																					
<b>ALL GRAM-POSITIVE BACTERIA</b>	70	100	7	7	3	89	84	84	81	84	84				70	63						100	
<i>Staphylococcus aureus</i> , all isolates	65	93				88	88	88	88	88					73	65	100					100	100
- methicillin-susceptible	57	81				100	100	100	100	100					74	72	100					100	100
- methicillin-resistant (MRSA)	8	11				0	0	0	0	0					62	12	100					100	100
<i>Enterococcus faecalis</i> , all isolates	3	4	100	100	100																	100	
- vancomycin-susceptible	3	4	100	100	100																	100	
- vancomycin-resistant (VRE)	0	0																					
Group B streptococci**	2	3			100									100	100							100	

**General Notes:**

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- Some organisms for which there were only very small numbers have been excluded from this report; however the total number of "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" listed includes these organisms.
- Reported susceptibilities for "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" reflect estimates only based on the weighted average of susceptibilities for all organisms included on this report as well as those that have been excluded, with assumptions made for those drugs for which susceptibilities were not tested.
- Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

**Year-Specific Notes:**

- Susceptibility for cefazolin are not available for Gram-negative isolates from non-sterile site specimens for the current year.

**Organism-Specific Notes:**

<sup>^</sup> *M. catarrhalis*: Susceptibility testing is not routinely performed. Most isolates are resistant to ampicillin and amoxicillin but are generally susceptible to other antibiotics commonly used for respiratory infections.

\*\* Beta-hemolytic streptococci: Susceptibility testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.