

Antibiogram with Antimicrobial Formulary Recommendations
Blood, Respiratory, Wound, Urine and Other Isolates: JUL09-JUN10

**Reid Hospital &
 Health Care Services
 ANTI BIOGRAM
 [JULY 2009 - JUNE 2010]**

	Escherichia coli	Klebsiella pneumoniae	Pseudomonas aeruginosa	Proteus mirabilis	Enterobacter cloacae	Klebsiella oxytoca	Citrobacter freundii cplx	Morganella morganii	Enterobacter aerogenes	Haemophilus influenzae	MRSA ^b	Staphylococcus aureus	Staphylococcus epidermidis	Enterococcus faecalis	Enterococcus faecium	Streptococcus pneumoniae
Number of isolates	1599	346	219	200	90	81	40	39	34	47	372	272	343	383	92	65
Drug	% SUSCEPTIBLE															
PENICILLINS																
AM AMPICILLIN	57	--	--	79	--	--	--	--	--	83 ^a	--	--	--	100	29	96
AM AMOXICILLIN	57	--	--	79	--	--	--	--	--	83 ^a	--	--	--	100	29	96
A/S AMPICILLIN/SULBACTAM	58	63	--	81	--	36	41	--	--	--	--	99	30	--	--	--
AUG AMOXICILLIN/CLAVULANATE	81	91	--	91	--	100	--	--	--	--	--	99	31	--	--	96
P PENICILLIN G											--	23	--	100	29	96 ^c
OX NAFCILLIN											--	100	31			
OX DICLOXACILLIN											--	100	31			
P/T PIPERACILLIN/TAZOBACTAM	97	98	97	100	90	97	--	88	89							
TIM TICARCILLIN/CLAVULANATE	88	89	90	98	67	100	100	67	83							
CEPHALOSPORINS 1ST GEN.																
CFZ CEFAZOLIN	90	89	--	51	--	42	--	--	--	--	--	100	31			
CFZ CEPHALEXIN	90	89	--	51	--	42	--	--	--	--	--	100	31			
CFZ CEFADROXIL	90	89	--	51	--	42	--	--	--	--	--	100	31			
CEPHALOSPORINS 2ND GEN.																
CRM CEFUROXIME	93	87	--	91	41	90	95	--	63							71
CTN CEFOTETAN	98	99	--	99	68	94	100	92	64							
CEPHALOSPORINS 3RD GEN.																
CAX CEFTRIAXONE	98	95	--	99	84	96	97	90	85	100	--	100	31			90
CAZ CEFTAZIDIME	98	94	94	99	83	96	98	70	80							
CFT CEFOTAXIME	98	95	--	97	84	97	97	78	83	100						90
CPE CEFEPIME	99	94	88	99	96	97	100	100	100							91
AMINOGLYCOSIDES																
AK AMIKACIN	99	99	97	100	100	100	100	98	100							
GM GENTAMICIN	91	97	88	89	98	98	98	97	97	95	100	77				
TO TOBRAMYCIN	94	97	98	93	98	98	100	95	100							
MISCELLANEOUS																
AZI AZITHROMYCIN																46
AZT AZTREONAM	98	95	77	99	80	95	97	90	85							
CP CIPROFLOXACIN	79	92	77	53	93	96	98	55	94		34	84	36	59	--	88
CD CLINDAMYCIN											57	86	88			
TE DOXYCYCLINE	78	85	--	--	82	88	85	--	79	92	94	75	--	42	78	
TGC TIGECYCLINE (200 E.coli)	99	96	--	--	91	100	--	--	100							
E ERYTHROMYCIN										--	70	--	--	--	--	45
IMP IMPENEM/CILASTATIN	100	100	92	100	100	100	100	94	100	--	--					
LVX LEVOFLOXACIN	77	92	75	71	94	97	97	67	94	36	87	37	62	--	100	
LZD LINEZOLID										100	100	100	100	100	100	
FD NITROFURANTOIN ^d	95	77	--	--	78	89	94	--	57	98	100	100	99	77		
SYN QUINUPRISTIN-DALFOPRISTIN										100	100	100	--	80		
RIF RIFAMPIN ^e										98 ^o	99 ^o	96 ^e	73 ^o	--		
T/S SMX-TMP	75	90	--	71	94	95	95	55	97	98	99	52				78
DAP DAPTOMYCIN (210 S.aureus)										100	100	100	100	100	98	--
VA VANCOMYCIN										100	100	100	100	100	49 ^f	100

^a H. influenzae ampicillin and amoxicillin susceptibility based upon B-Lactamase screen test.

^b MRSA, Methicillin-Resistant Staphylococcus aureus (58 Percent of S. aureus strains tested were resistant to oxacillin).

^c PRRSP, 35 Percent of S. pneumoniae strains tested show Relative Resistance requiring high dose therapy.

^d Susceptibility applies only to UTI. Nitrofurantoin is not recommended in patients with renal insufficiency.

^e Rifampin must be used in combination with other antimicrobial agents for effective therapy.

^f VRE, Vancomycin-Resistant Enterococcus faecium (10 Percent of E. faecium strains tested.)