

***Staphylococcus aureus* - NRS22**
Other designations (HIP07930; USA600;99758)

Demographic Information:			
Country/State:	United States / New York	Date of Isolation:	04/01/1999
Patient Age:	77 Year(s)	Gender:	Female
Patient Location:	Inpatient ICU	Patient Service:	Medicine
Culture Source:			
Phenotypic Properties:	MRSA, also resistant to ERY, CLIN, SXT, GM, LEV		
Genotypic Properties:	PFT is USA600, MLST is ST45, spa type is A2AKEEMBKM, SCCmec II, agr group I; negative for PVL, tsst, sea, seb, sec, sed, see		
Literature Citation:	JCM, 2003, 41:5113-5120.		
Comment:	N/A		
Description:			
Repositories:	Glycopeptide Intermediate Staphylococci Known Clinically Associated Strains - Others Molecular Typing Control Strains		

S = Susceptible; R = Resistant; NS = Not Susceptible; I =Intermediate; N/A = Not Available P= Pending results

NARSA Antimicrobial Profile for Other Antimicrobial Agents			Molecular Characterization Data	
Drug	MIC ^{μg/mL} (pg/ml)	CLSI Interptn	PCR	Result
			<i>mecA</i>	POSITIVE
Ciprofloxacin	> 16	R		
Clindamycin	> 4	R		
Daptomycin	= 2	N/A		
Erythromycin	> 8	R		
Gentamicin	> 16	R		
Linezolid	= 2	S		
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.5	S		
Teicoplanin	= 4	S		
Trimeth/sulfa	> 4/76	R		
Vancomycin	= 4	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	10
eGenomic <i>spa</i> repeats	A2AKEEEMBKB
Ridom <i>spa</i> type	t266
SCC <i>mec</i> type	II
Clonal Complex (CC)	45
Sequence Type (ST)	45
Genotype Data file	