



evercare

HOSPITAL DHAKA
Transforming Healthcare



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DISCHARGE SUMMARY

ALBUMIN-Serum	2.8	g/dl	(3.5 - 5)
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AEROBIC C/S

M	401
Specimen	Tracheal aspirate
Isolate 1	Staphylococcus aureus

Sensitivity

Antibiotic	Interpretation	MIC	BreakPoint
Clindamycin (21)	Sensitive	0.25 mcg/ml	>=4
Erythromycin (23)	Sensitive	<=0.25 mcg/ml	>=8
Oxacillin (29)	Resistant	>=4 mcg/ml	>=4
Trimethoprim/Sulfamethoxazole (18)	Sensitive	<=10 mcg/ml	>=80
Linezolid (26)	Sensitive	2 mcg/ml	>=8
Tetracycline (41)	Sensitive	<=1 mcg/ml	>=16
Vancomycin (20)	Sensitive	1 mcg/ml	>=16
Ciprofloxacin (35)	Resistant	>=8 mcg/ml	>=4
Levofloxacin (35)	Resistant	4 mcg/ml	>=4
Gentamicin (2)	Sensitive	<=0.5 mcg/ml	>=16
Benzylpenicillin (28)	Resistant	>=0.5 mcg/ml	>=0.25

S-Sensitive, R-Resistant, MC-Moderately Sensitive

Growth 1	Moderate growth
Enzyme 1	Methicillin Resistant Staphylococcus aureus

Remarks

MRSAs are resistant to all penicillins, cephalosporins, monobactams and carbapenems with the exception of the newer cephalosporins with anti-MRSA activity; ie, Ceftaroline Ceftriaxone.

Ref - Performance Standards for Antimicrobial Susceptibility Testing: Twenty-eighth Informational Supplement, M100-S28, vol. 38 no.3, 2018 CLSI, Wayne, PA.

BIOCHEMICAL ANALYSIS - PLEURAL FLUID

PROTEIN - FLUID	5.2	g/dl	(-)
PROTEIN-SERUM	7.0	g/dl	(6.5 - 8.5)
PROTEIN RATIO	0.7	Ratio	(-)
GLUCOSE - FLUID	7.8	mmol/L	(-)
GLUCOSE - FLUID	140.4	mg/dl	(-)
LDH - FLUID	401	U/L	(-)
LDH - SERUM	425	U/L	< 250