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Date of Birth : ██████████-1965
 Sex : M
 Collected : 14-Dec-2015
 ██████████
 Lab id: 3410934 UR#: 00112547

NIIM Wellness Clinic
 11-23 BURWOOD RD
 HAWTHORN VIC 3122

INTEGRATIVE MEDICINE

SWAB, NASAL Result Range Units

MARCoNS SWAB

OVERALL RESULT: MARCoNS POSITIVE

ORGANISM #1: STAPH COAG NEGATIVE: LARGE AMOUNT

SUSCEPTIBILITY #1:

CIPROFLOXACIN	S	
CLINDAMYCIN		R
ERYTHROMYCIN	S	
GENTAMICIN	S	
LEVOFLOXACIN	S	
LINEZOLID	S	
MOXIFLOXACIN	S	
OXACILLIN (METHICILLIN)	S	
PENICILLIN-G		R
QUINUPRISTIN/DALFO	S	
RIFAMPICIN	S	
TETRACYCLINE (DOXYCYCLINE)	S	
TIGECYCLINE	S	
TRIMETHOPRIM/SULFA	S	
VANCOMYCIN	S	

KEY:
 S=Sensitive I=Intermediate R=Resistant

ORGANISM #2 BACILLUS SPECIES-MODERATE AMOUNT

OPPORTUNISTIC INFECTIONS IN IMMUNOCOMPROMIZED PATIENTS.
 VIRULANCE FACTOR UNKNOWN- NO DEFINITIVE GUIDELINES FOR SUSCEPTIBILITY TESTING.
 VANCOMYCIN, CIPROFLOXACIN, IMPENEN AND AMINGLYCOSIDES MAY BE EFFECTIVE.

COMMENT:
 MARCoNS is a multiple antibiotic resistant coag negative staph that resides in the deep nasal passages. It is common in biotoxin illness, is a marker of low MSH and produces biofilms which form a barrier to immune defenses and anti-infection therapy. Biofilm production in bacteria, mold or yeast may account for some cases of chronic nasal and sinus congestion and inflammation. MARCoNS releases exotoxins which lead to increased inflammation (decreased MSH) and hemolysins which disrupt RBCs and endothelial cells. It may be colonized or cause infection.

If test results indicate coag neg staph is present with two or more antibiotics showing Resistant or Intermediate susceptibility, these results are classified as MARCoNS whether Methicillin is resistant or not and whether there is a large amount or small amount. (Ref: Dr. Ritchie Shoemaker, 05/09/14)

Tests ordered: MARCoNS