

Clinico-Microbiological Study of S. aureus from Various Clinical Samples with Reference to Methicillin Resistant S. aureus (MRSA)

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Abstract : To find out S. aureus from patient samples on the basis of coagulase test. We have evaluated slide coagulase (n=46 positive), tube coagulase (n=48 positive) and DNase test (n=44, positive) , We have isolated and identified MRSA from various clinical samples and specimens by disc diffusion method determined the incidence of MRSA 50% in patients. Found out the in vitro antimicrobial susceptibility pattern of MRSA isolates and also the MIC of MRSA of oxacillin by E-Test.

Keywords : cefoxitin disc diffusion MRSA detection, e - test, S. aureus devastating pathogen, tube coagulase confirmation

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