


 [Current Issue](#) [Browse Issues](#) [Search](#) [About this Journal](#) [Instruction to Authors](#) [Online Submission](#) [Subscription](#) [Contact Us](#) [RSS Feed](#)

Acta Medica Iranica

2009;47(4) : 315-317

Original Report

Nasal Colonization rate of Staphylococcus aureus strains among Health Care Service Employee's of Teaching University Hospitals in Yazd

Mohammad Bagher Khalili¹, Mohammad Kazem Sharifi-Yazd^{1*}, Hosein Dargahi², and Hosein Ali Sadeghian²

¹ Department of Medical Laboratory Sciences, School of Allied Health Sciences, Shahid Sadoughi University of Medical Science, Yazd, Iran

² Department of Medical Laboratory Sciences, School of Allied Health Sciences, Tehran University of Medical Sciences, Tehran, Iran

Corresponding Author:

Mohammad Kazem Sharifi-yazdi

Department of Medical Laboratory Sciences, School of Medicine, Tehran university of Medical Sciences, Tehran, Iran

Tel: +98 21 88964009, Fax: + 98 21 88964009, E-mail :mksharifi@tums.ac.ir

Received: September 25,2007

Accept : January 14,2008


Abstract:

This study was carried out to find the extent of staphylococcal carriage including Methicillin resistant Staphylococcus aureus MRSA in employee's of teaching university hospitals in Yazd. Nasal swabs of 742 employees in four different medical teaching hospitals in Yazd were collected, and tested for detection of staphylococci strains. Out of 742 employees, 94 (12.7%) were carrier of staphylococcus aureus and 57 (11.38%) for methicillin resistant Staphylococcus aureus (MRSA) respectively. Prevalence of Staphylococci aureus and MRSA in individual hospitals and wards were different. In general the highest carriers were personnel of dialysis ward and the lowest pediatrics wards. Resistance rate of MRSA against Ciprofloxacin, Vancomycin, and Rifampin were found to be as 28.1%, 10.5% and 35.1% respectively.

Keywords:

[Staphylococcus](#) , [Nosocomial Infections](#) , [MRSA](#)

TUMS ID: 14509

[Full Text HTML](#)  [Full Text PDF](#)  44 kB

top ▲

[Home](#) - [About](#) - [Contact Us](#)

TUMS E. Journals 2004-2009
Central Library & Documents Center
Tehran University of Medical Sciences

Best view with Internet Explorer 6 or Later at 1024*768 Resolutions