

Quick Search

Back to results | < Previous 105 of 186 Next >

Link to Full Text | Download Export Print E-mail Create bibliography Add to My List

Iranian journal of kidney diseases

Volume 1, Issue 1, July 2007, Pages 21-24

Nasal and skin colonization of *Staphylococcus aureus* in hemodialysis patients in Northeast of Iran.

Ghazvini, K., Hekmat, R.

Department of Microbiology and Virology, Mashhad University of Medical Sciences, Mashhad, Iran.

Abstract

INTRODUCTION. Staphylococcal infections are a major cause of morbidity and mortality in patients on hemodialysis. We conducted a study of nasal and skin colonization in patients receiving maintenance hemodialysis. **MATERIALS AND METHODS.** From September 2003 through June 2004, we evaluated 69 patients who were receiving maintenance hemodialysis via an internal fistula or graft. Four samples were obtained for culture from both nares and needle insertion sites on the skin by standard methods. The growth of *Staphylococcus aureus* was recorded during the study. **RESULTS.** Of the 69 patients, 28 (40.5%) had *S aureus* present in the nose and 9 (13.0%) had it present on the skin around the access site at some times during the study period. The presence of *S aureus* on the skin of the access site was significantly related to the simultaneous presence of this organism in the nose ($P = .03$). **CONCLUSIONS.** From our observations, it can be concluded that the nose provides an environment in which *S aureus* can propagate and maintain itself for prolonged periods. As skin colonization with *S aureus* is a risk factor for the development of staphylococcal infection, it could be recommended that effective removal of *S aureus* from the nose would be critical for prevention of vascular access site infection.

Reaxys Database Information

|

Indexed Keywords

EMTREE medical terms: adult; aged; article; chronic kidney failure; cohort analysis; female; heterozygote; human; indwelling catheter; Iran; isolation and purification; male; microbiology; middle aged; nose cavity; renal replacement therapy; skin; *Staphylococcus aureus*

MeSH: Adult; Aged; Carrier State; Catheters, Indwelling; Cohort Studies; Female; Humans; Iran; Kidney Failure, Chronic; Male; Middle Aged; Nasal Cavity; Renal Dialysis; Skin; *Staphylococcus aureus*; Young Adult

Medline is the source for the MeSH terms of this document.

ISSN: 17358582 Source Type: Journal Original language: English

PubMed ID: 19357439 Document Type: Article

Ghazvini, K.; Department of Microbiology and Virology, Mashhad University of Medical Sciences, Mashhad, Iran.; email:kiarash_ghazvini@yahoo.com

© MEDLINE® is the source for the citation and abstract of this record.

Back to results | < Previous 105 of 186 Next >

Top of page

About Scopus
 What is Scopus
 Content coverage
 What do users think
 Latest
 Tutorials
 Developers

Contact and Support
 Contact and support
 Live Chat

About Elsevier
 About Elsevier
 About SciVerse
 About SciVal
 Terms and Conditions
 Privacy Policy



Copyright © 2012 Elsevier B.V. All rights reserved. SciVerse® is a registered trademark of Elsevier Properties S.A., used under license. Scopus® is a registered trademark of Elsevier B.V.

Cited by since 1996

This article has been cited **2 times** in Scopus:

Ghasemian, R., Najafi, N., Makhloogh, A.
Frequency of nasal carriage of staphylococcus aureus and its antimicrobial resistance pattern in patients on hemodialysis
 (2010) *Iranian Journal of Kidney Diseases*

Motamedifar, M., Hassanzadeh, P., Ghafari, N.
Relative frequency of staphylococcal carriage and antibiotic sensitivity of isolated staphylococci in hemodialysis patients in Shiraz, Iran
 (2010) *Medical Principles and Practice*

[View details of all 2 citations](#)

Inform me when this document is cited in Scopus:

[Set alert](#) | [Set feed](#)

Related documents

Find more related documents in Scopus based on:

[Authors](#) | [Keywords](#)

More By These Authors

The authors of this article have a total of **33 records** in Scopus:
 (Showing 5 most recent)

Bagheri, R., RajabiMashhadi, M.T., Ghazvini, K., Asnaashari, A., Zahediyani, A., Sahebi, M.A.

The effect of neoadjuvant chemoradiotherapy on airway colonization and postoperative respiratory complications in patients undergoing oesophagectomy for oesophageal cancer

(2012) *Interactive Cardiovascular and Thoracic Surgery*

Ajami, B., Ghazvini, K., Movahhed, T., Ariaee, N., Shakeri,

[Add apps](#) | [Help](#)