Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Effect of nasal lavage with normal saline in reducing Staphylococcus aureus carriers

Protocol summary

Summary

The aim of this study was to determine the efficacy of nasal irrigation with saline to reduce the amount of S. aureus carriers. This study is a blinded, randomized clinical trial. 100 nurses working in Hajar hospital with inclusion criteria: staff and nurses working in different wards. Exclusion criteria: colds; Respiratory diseases .sd personnel after sampling S.aureus nose and nasal irrigation with normal saline doing sampling for the presence of Staphylococcus Vmjdda checked 30 minutes later.the absence of S. aureus in the sample will be considered positive.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013072210222N3**
Registration date: **2015-12-31, 1394/10/10**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-12-31, 1394/10/10

Registrant information

Name
Zahra Keivani

Name of organization / entity
Shahrekord University Of Medical Sciences

Country
Iran (Islamic Republic of)

Phone
+98 38 1222 0016

Email address
keivani@skums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahrekord University of Medical Sciences

Expected recruitment start date

2014-06-22, 1393/04/01

Expected recruitment end date

2014-12-22, 1393/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of nasal lavage with normal saline in reducing Staphylococcus aureus carriers

Public title

Effect of nasal lavage with normal saline in reducing Staphylococcus aureus carriers

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: personnel and nurses working in hospitals Exclusion criteria: catching colds; respiratory disease

Age

No age limit

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics Committee of Shahrekord University of Medical Sciences
Street address
Shahrekord, Shahrekord University of Medical Sciences
City
Shahrekord
Postal code
Approval date
2014-05-04, 1393/02/14
Ethics committee reference number
92-11-30

Health conditions studied

1

Description of health condition studied
Staphiloccocuse Aureuse
ICD-10 code
B95.6
ICD-10 code description
Other staphylococcus as the cause of diseases classified to other chapters

Primary outcomes

1

Description
absence of Staphiloccocuse Aureuse exist
Timepoint
30 minutes later
Method of measurement
Sampling swaps

Secondary outcomes

empty

Intervention groups

1

Description
Hundreds of staff after sampling S.aureus nose and nasal wash with 5 mL of saline once doing Vmjdda by sampling for the presence of Staphylococcus aureus checked
Category
Diagnosis

Recruitment centers

1

Recruitment center
Name of recruitment center
Shahrekord Hajar Hospital
Full name of responsible person
Keivani Zahra
Street address
Shahrekord, Shahrekord University Of Medical Sciences
City
Shahrekord

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Ethics Committee of Shahrekord University of Medical Sciences
Full name of responsible person
Dr. Kamal Solati
Street address
Shahrekord, Shahrekord University of Medical Sciences
City
Shahrekord
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Ethics Committee of Shahrekord University of Medical Sciences
Proportion provided by this source
100
Public or private sector
empty
Domestic or foreign origin
empty
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
empty

Person responsible for general inquiries

Contact

Name of organization / entity
Shahrekord University of Medical Sciences
Full name of responsible person
keivani Zahra
Position
MSc
Other areas of specialty/work
Street address
Shahrekord, Shahrekord University of Medical Sciences
City
Shahrekord
Postal code
Phone
+98 38 1334 2414
Fax
Email
keivaniz@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Shahrekord University of Medical
Full name of responsible person
keivani Zahra
Position
MSc
Other areas of specialty/work
Street address
Shahrekord , Shahrekord University of Medical Sciences
City
Shahrekord
Postal code
Phone
+98 38 1334 9507
Fax
Email
keivaniz@yahoo.com
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Shahrekord University of Medical Sciences
Full name of responsible person
Keivani Zahra
Position
MSc
Other areas of specialty/work
Street address
Shahrekord, Shahrekord University of Medical Sciences
City
Shahrekord
Postal code
Phone
00
Fax
Email
keivaniz@yahoo.com
Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)
empty
Study Protocol
empty
Statistical Analysis Plan
empty
Informed Consent Form
empty
Clinical Study Report
empty
Analytic Code
empty
Data Dictionary
empty