

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

07 Jul 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**

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**

## 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**

## 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*