

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Aug 2026

A Randomized controlled Trial of Tea Tree Oil Body Wash 8% Versus Chlorhexidine Body Wash 0.2% to Prevent Colonization of methicillin-resistant Staphylococcus aureus in Critically Ill children in hospitalized children

Protocol summary

Study aim

Design

Settings and conduct

Participants/Inclusion and exclusion criteria

Intervention groups

Main outcome variables

Funding source

by student

Expected recruitment start date

2016-09-30, 1395/07/09

Expected recruitment end date

2017-09-30, 1396/07/08

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20100119003106N20**

Registration date: **2017-12-11, 1396/09/20**

Registration timing: **retrospective**

Last update: **2017-12-11, 1396/09/20**

Update count: **0**

Registration date

2017-12-11, 1396/09/20

Registrant information

Name

Farshad Hashemian

Name of organization / entity

Pharmaceutical Sciences Branch, Islamic Azad University (IAU)

Country

Iran (Islamic Republic of)

Phone

+98 21 2260 0037

Email address

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Scientific title

A Randomized controlled Trial of Tea Tree Oil Body Wash 8% Versus Chlorhexidine Body Wash 0.2% to Prevent Colonization of methicillin-resistant Staphylococcus aureus in Critically Ill children in hospitalized children

Public title

Assessment of Tea Tree Oil Body Wash for Eradication of MRSA

Purpose

Treatment

Inclusion/Exclusion criteria

Age

To 12 years old

Gender

Both

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Randomized

Recruitment status

Recruitment complete

Randomization description
Blinding (investigator's opinion)

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics committee of Islamic Azad University Of
Pharmaceutical Sciences Branch

Street address

Iakhchal Avenue, Qolhak, Dotor Shariati Avenue,
Tehran

City

Tehran

Postal code**Approval date**

2016-05-17, 1395/02/28

Ethics committee reference number

IR.IAU.PS.REC.1395.4

Health conditions studied**1****Description of health condition studied**

topical methicilline-resistant staphylococcus aureus
infection

ICD-10 code

U80.1

ICD-10 code description

Bacterial agents resistant to antibiotics

Primary outcomes**1****Description**

Colonization of MRSA

Timepoint

before intervention-after 6 day

Method of measurement

bacterial culture of catheter site

Secondary outcomes**1****Description**

Skin Sensitivity

Timepoint

before intervention- after 6 days

Method of measurement

bacterial culture of catheter site

Intervention groups**1****Description**

intervention group: apply 8% Tea Tree Oil body wash 4
times a day for 6 days// Control group: Chlorhexidine
Body Wash 0.2% 4 times a day for 6 days

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Loghman-e-Hakim hospital

Full name of responsible person

Solmaz Rahbari

Street address

Tehran- Lashgar intersection-makhsoos street

City

tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Pharmaceutical Sciences branch, Islamic Azad
University

Full name of responsible person

Dr.Seyd Jalaledin Hosseini Ghoncheh

Street address

Islamic Azad University Of Pharmaceutical Sciences
Branch, Iakhchal avenue, Dotor Shariati avenue,
Tehran

City

tehran

Grant name**Grant code / Reference number****Is the source of funding the same sponsor
organization/entity?**

Yes

Title of funding source

Pharmaceutical Sciences branch, Islamic Azad University

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
Islamic Azad University Of Pharmaceutical Sciences
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Full name of responsible person
Dr Mehdi Rajabi
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Person responsible for updating data

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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