

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 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

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

hashemian.f@iaups.ac.ir

Recruitment status

Recruitment complete

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

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

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-makhsos 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
Branch

Full name of responsible person

Dr Mehdi Rajabi

Position

Assistant professor

Other areas of specialty/work

Street address

pharmaceutical sciences branch of Islamic Azad
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Person responsible for updating data

Contact

Name of organization / entity

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Full name of responsible person

Solmaz Rahbari

Position

pharmacy student

Other areas of specialty/work

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Person responsible for scientific inquiries

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Name of organization / entity

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Full name of responsible person

Dr. Mehdi Rajabi

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Other areas of specialty/work

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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