

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

Assessing the Effects of Maggot Therapy on Burn Wound Debridement of Grade 2 and 3

Protocol summary

Summary

The aim of this study is to determine the effect of Maggot therapy on burn wound debridement of grade 2 and 3. This study is a clinical trial of Phase I That on five volunteer patients with burns 2 and 3 with a wound surface below 25% and has an underlying medical condition, age or any other reason that surgery and anesthesia are contraindicated, is done. To intervene in this study is *Srkatia Lucilia* larvae maggot therapy using the sterile technique in the laboratory with regard to the wound surface. By *martdad* it is selected. According to the ulcer duration of maggot therapy between 3 to 14 days. Wound dressing daily until the wound to remove dead tissue (debridement) is replaced.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016090629733N1**

Registration date: **2016-12-28, 1395/10/08**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-12-28, 1395/10/08

Registrant information

Name

Aliakbar Ataekachouei

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 3333 9995

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ataeik-aa@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahvaz Jundishapur University of Medical Sciences

Expected recruitment start date

2016-12-21, 1395/10/01

Expected recruitment end date

2017-02-19, 1395/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessing the Effects of Maggot Therapy on Burn Wound Debridement of Grade 2 and 3

Public title

Maggot Therapy of Burn

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: Informed Consent, Burn of less than 25%, Having Diseases, Old Age Or Any Other Reason That Surgery and Anesthesia is Contraindicated for Them.

Age

From **40 years** old to **90 years** old

Gender

Both

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: **5**

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**

Ahvaz Jundishapur University of Medical Sciences

Street addressAhvaz-Golestan Blvd-Ahvaz Jundishapur University of
Medical Sciences**City**

Ahvaz

Postal code

61357-15794

Approval date

2016-08-13, 1395/05/23

Ethics committee reference number

IR.AJUMS.REC.1395.345

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

Burn

ICD-10 code

T24-T25

ICD-10 code descriptionBurn and corrosion of hip and lower limb, except ankle
and foot-Burn and corrosion of ankle and foot**Primary outcomes****1****Description**

Debridement

Timepoint

every day

Method of measurement

visit

Secondary outcomes

empty

Intervention groups**1****Description**On average, 10 times per patient for 3 to 14 days using
the Lucilia fly larvae, larval therapy is done**Category**

Treatment - Other

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

Burn Taleghani Hospital Ahvaz

Full name of responsible person

Fatemeh Jahangiri Mehr

Street address

Burn Taleghani Hospital Ahvaz

City

Ahvaz

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

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Behzad Sharif Makhmal Zadeh

Street addressAhvaz-Golestan Blvd-Ahvaz Jundishapur University of
Medical Sciences**City**

Ahvaz

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

Yes

Title of funding source

Ahvaz Jundishapur 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**

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Fatemeh Jahangiri Mehr

Position

MSc in Biostatistics

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

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Full name of responsible person

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Position

SubSpecialist of Plastic and Reconstructive Surgeon

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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