

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 Jun 2026

The Effect of short Ejaculation on semen parameters and sperm function tests in non responder to medical trophy

Protocol summary

Study aim

Comparison of sperm function test from ejaculated sperm and short-ejaculated sperm

Design

selection of non-responder to antioxidant medical therapy with increased sperm DFI

Settings and conduct

selection of non-responder to antioxidant medical therapy with increased sperm DFI, in couple with recurrent pregnancy loss and recurrent assisted reproductive technique

Participants/Inclusion and exclusion criteria

Inclusion criteria: RPL, ART failure, male patient don't answer to treatment. Exclusion criteria: varicocele, undescended tests, sexually transmitted disease, smoking, opium addiction, known hormonal abnormality

Intervention groups

sperm in short abstinence in non-responder to antioxidant medical therapy with increased sperm function test

Main outcome variables

short abstinence effect on sperm function test and semen parameter

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20181214041968N1**

Registration date: **2018-12-26, 1397/10/05**

Registration timing: **registered_while_recruiting**

Last update: **2018-12-26, 1397/10/05**

Update count: **0**

Registration date

2018-12-26, 1397/10/05

Registrant information

Name

Nima Narimani

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 2251 4239

Email address

n.narimani@ssu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-12-22, 1397/10/01

Expected recruitment end date

2019-12-22, 1398/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of short Ejaculation on semen parameters and sperm function tests in non responder to medical trophy

Public title

The Effect of short Ejaculation on semen parameters and sperm function tests in non responder to medical trophy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

recurrent pregnancy loss ART failure

Exclusion criteria:

Age

From **20 years** old to **40 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **55**

More than 1 sample in each individual

Number of samples in each individual: **2**

All participants provide 2 semen samples during 24 hours and TUNEL and CMA3 will check on both samples.

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 Yazd research and clinical center for infertility - shahid sadoughi university o

Street address

Boali Ave., Safayeh Ave.

City

Yazd

Province

Yazd

Postal code

8916877391

Approval date

2018-12-02, 1397/09/11

Ethics committee reference number

IR.SSU.RSI.REC.1397.021

Health conditions studied

1

Description of health condition studied

Recurrent abortion

ICD-10 code

ICD-10 code description

2

Description of health condition studied

ART failure

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

sperm function test

Timepoint

sperm function test in two consecutive days

Method of measurement

TUNEL test

2

Description

sperm function test

Timepoint

sperm function test in two consecutive days

Method of measurement

CMA3 Test

Secondary outcomes

empty

Intervention groups

1

Description

infertile male with increased sperm function test that have not respond to antioxidant medical therapy

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Yazd research and clinical center for infertility

Full name of responsible person

Nima Narimani

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Boali Ave., SafayehAve

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Postal code

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+98 35 3824 7086

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Email

n.narimani@ssu.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

nima narimani

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

No

Title of funding source

Yazd research and clinical center for infertility.

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

nima narimani

Position

Researcher

Latest degree

Specialist

Other areas of specialty/work

Urology

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Person responsible for scientific inquiries

Contact

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to

make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available