

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jun 2026

The Effect of group Therapy Based on Transactional Analysis on Marital Satisfaction and Resilience of Women with infertility

Protocol summary

Marital satisfaction, Resiliency

Study aim

Determining the Effect of Transactional Analysis on Marital Satisfaction and Resilience of Infertile Women

Design

The Clinical trials with control group, with parallel groups, randomized

Settings and conduct

Anrich's Marital Satisfaction Scale and the Connor Davidson, Resilience scale were distributed and completed among all infertile women who came there and were willing to participate in the study. Subjects then use the table. Random numbers were selected randomly and divided into two groups: intervention and control. The sample size was considered as 15 in each group. In the next step, the Group therapy with Transactional Analysis was done twice a week and in group session in 8 sessions of 2 hours for the intervention group. Finally, after intervention, to investigate the effect of interpersonal behavior analysis, these questionnaires were presented to intervention and control groups.

Participants/Inclusion and exclusion criteria

Inclusion criteria: 1.Diagnosis of infertility by a specialist
2.Have at least reading and writing skills
3.Infertility experience for at least one year
4.Failure to receive of psychological interventions in the past year
Exclusion criteria: 1.More than two absentee sessions
2.Unwillingness to continue cooperation at any time from the implementation of the research

Intervention groups

In this research, the subjects were divided into intervention and control groups and the questionnaires were filled in by both groups and then the treatment group sessions were conducted for the intervention group and no intervention was performed on the control group, and then the effect of the training before and after the intervention in The two groups were measured and compared.

Main outcome variables

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20170917036229N2**

Registration date: **2018-12-10, 1397/09/19**

Registration timing: **retrospective**

Last update: **2018-12-10, 1397/09/19**

Update count: **0**

Registration date

2018-12-10, 1397/09/19

Registrant information

Name

Atefeh Haghghi Cheli

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 26 3452 0412

Email address

a.haghghi@sbmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-07-23, 1397/05/01

Expected recruitment end date

2018-09-18, 1397/06/27

Actual recruitment start date

2018-07-23, 1397/05/01

Actual recruitment end date

2018-09-18, 1397/06/27

Trial completion date

2018-09-18, 1397/06/27

Scientific title

The Effect of group Therapy Based on Transactional Analysis on Marital Satisfaction and Resilience of Women with infertility

Public title

The effect of group therapy on marital satisfaction and resilience of infertile women

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Diagnosis of infertility by a specialist Have at least reading and writing skills Infertility experience for at least one year Failure to receive of psychological interventions in the past year and Failure to receive of diagnostic criteria for major psychiatric disorders such as major depression, obsessive-compulsive disorder Desire to tell the experience

Exclusion criteria:

More than two absentee sessions Unwillingness to continue cooperation at any time from the implementation of the research

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

Actual sample size reached: **30**

Randomization (investigator's opinion)

Randomized

Randomization description

Individuals are randomly selected using random numbers and will be placed in two groups of intervention and control, and The control and intervention groups will not contact each other.

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 Shahid beheshti University of Medical Sciences

Street address

Valiasr St., in front of the Shahid Rajaei Heart Hospital, Shahid Beheshti Faculty of Nursing and Midwifery

City

Tehran

Province

Tehran

Postal code

1985717443

Approval date

2017-07-18, 1396/04/27

Ethics committee reference number

IR.SBMU.PHNM.1396.759

Health conditions studied

1

Description of health condition studied

Infertility

ICD-10 code

N97

ICD-10 code description

Female infertility

Primary outcomes

1

Description

Marital Satisfaction

Timepoint

Before the intervention and after the intervention is completed

Method of measurement

Four ENRICH Couple Scales

2

Description

Resilience

Timepoint

Before the intervention and after the intervention is completed

Method of measurement

the Connor Davidson, Resilience scale

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: For the intervention group, the Transactional Analysis was performed twice a week and In group was run in 8 sessions at 2 hours.

Category

Behavior

2**Description**

Control group: For the control group, no intervention was taken and the routine measures were taken to treat infertility, and the training package was provided to the control group following the completion of the work.

Category

Behavior

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

Infertility department of Mahdiah hospital in Tehran

Full name of responsible person

Dr. Shahrzad zadeh Modares

Street address

Shahid Rajabnia Street, Alley shishegarkhane,
Fadaiean eslam St, Shosh Square

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Fax**Email**

Mahdiyeh_hospital@Sbmu.ac.ir

Web page address

<https://mmc.sbmu.ac.ir/index.jsp?fkeyid=&siteid=109&pageid=43052>

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

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Dr. Afshin Zarghi

Street address

Shahid Arabi Street, Yaman street, Shahid chamran
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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Shahid Beheshti University of Medical Sciences

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**

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Atefeh Haghighi Cheli

Position

Master student of psychiatric nursing

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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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

Master student of psychiatric nursing

Latest degree

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Person responsible for updating data

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Name of organization / entity

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Position

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Other areas of specialty/work

Nursery

Street address

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City

Karaj

Province

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