

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The Effect Of Hypnosis On Pain Control, Anxiety Death, Resiliency And Cure Of Cancer Cells In Patient With Acute Myeloid leukemia Chemotherapy

Protocol summary

Summary

This study aimed to investigate the effect of hypnosis on pain management, anxiety, death, resiliency and recovery of cancer cells in patients with acute myeloid leukemia were treated with chemotherapy. The research method was quasi-experimental, pretest-posttest control group was unequal. Statistical population All patients with acute myeloid leukemia chemotherapy clinics gardener and Imam Khomeini hospital in Sari city Medical records and tested with flow cytometry in the diagnosis of acute myeloid leukemia who were 86 in number And sample 26 to sample selected and the two groups (n = 13) and control group (n=13) were randomly. Questionnaires to collect information from the sample group were considered included Czech questionnaire lists the McGill Pain(MPQ), Leicester cult of death anxiety(CL-FODS), Resilience and Davidson(CD-RIS), And flow cytometry experiments reviews of marker CD4 to CD8 AndThe ratio of CD4 to CD8 And the percentage of lymphocytes in the peripheral blood. The experimental group was six sessions of therapeutic hypnosis.

General information

Acronym

Hypnosis

IRCT registration information

IRCT registration number: **IRCT2015010314928N2**

Registration date: **2016-06-18, 1395/03/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-06-18, 1395/03/29

Registrant information

Name

Mehdi Pourasghar

Name of organization / entity

Mazandaran University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Investigator

Expected recruitment start date

2015-10-23, 1394/08/01

Expected recruitment end date

2015-12-26, 1394/10/05

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect Of Hypnosis On Pain Control, Anxiety Death, Resiliency And Cure Of Cancer Cells In Patient With Acute Myeloid leukemia Chemotherapy

Public title

The Effect Hypnosis On Acute Myeloid leukemia

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: The age group between 18 and 50 years- completed consent form to participate in the plan-

absence of severe depression with- absence seizures are not controlled- absence of anti social character- psychosis had no- medical record at the clinic of Imam Khomeini hospital- gardener and get diagnosed acute myeloid leukemia by flow cytometry test Exclusion criteria: Each treatment when the patient can be removed from the plan.- The experimental group hypnosis therapy done by indoctrinating during six 40-minute sessions- control group received hypnosis therapy- gardeners with no medical record at the clinic and Imam Khomeini hospital in Sari city- with no testing of flow cytometry for the detection of acute myeloid leukemia

Age

From **18 years** old to **50 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **86**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Sealed envelope

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Islamic azad university sari branch

Street address

Farah Abad Complex 9 km of roads Islamic Azad University

City

Sari

Postal code

Approval date

2015-08-23, 1394/06/01

Ethics committee reference number

20820701941111

Health conditions studied

1

Description of health condition studied

acute myeloid

ICD-10 code

C92.0

ICD-10 code description

Acute myeloblastic leukaemia, minimal differentiation

Acute myeloblastic leukaemia (with maturation)

AML1/ETO AML M0 AML M1 AML M2 AML with t(8;21) AML

(without a FAB classification) NOS Refractory anaemia

with excess blasts in transformation Excl.: acute

Primary outcomes

1

Description

Pain

Timepoint

Before Intervention In The First Session And After The last Intervention At An Interval Of 3 Months In The last Session

Method of measurement

Inventory McGill Pain Management

2

Description

Anxiety Death

Timepoint

Before Intervention In The First Session And After The last Intervention At An Interval Of 3 Months In The last Session

Method of measurement

Questionnaires Collett-Lester Anxiety Death

3

Description

Resiliency

Timepoint

Before Intervention In The First Session And After The last Intervention At An Interval Of 3 Months In The last Session

Method of measurement

Questionnaires Resilience Cooner And Davidson

4

Description

Cure Of Cancer Cells

Timepoint

Before Intervention In The First Session And After The last Intervention At An Interval Of 3 Months In The last Session

Method of measurement

Flow Cytometry Tests To Measure CD4 And CD8 Markers

Aand Measuring The Ratio Of CD4 To CD8 lymphocyte

Percentage ,easurements

Secondary outcomes

empty

Intervention groups

1

Description

The control group did not receive hypnosis therapy in the treatment of related audio hypnosis sessions were provided

Category

Other

2

Description

First meeting: Introduction to Trading Had- AML patients with Hypnosis- view color images of standard questions related to sexual disease medications, chemotherapy expectations, relaxation and get public records to assess the hypnotic swaying testing consent form writing- Trading and Inventory management of patients with hypnosis and pain, death anxiety, resilience and testing, flow cytometry- The second session control room relaxing- get relaxed setting in a mental space dictates of the forest and listen to calming music- Third session: get pain management dictates associated with increased feelings of physical and good feeling pain management and at the same time listening to calming music- Fourth session: Anxiety swing Vry- received death dictates of hope to increase life expectancy reminder of past business success business success and improve

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomeini hospital in Sari city

Full name of responsible person

Dr Ghasem Janbabai

Street address

Street Amir Mazndrany

City

Sari

2

Recruitment center

Name of recruitment center

Gardener Clinic Sari

Full name of responsible person

Dr ghasem janbabai

Street address

Caspian Field

City

Sari

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Islamic Azad University Sari Branch

Full name of responsible person

Vice President of Research Phd mohammad farsi

Street address

9 km road Farah Abad Complex Islamic Azad University

City

Sari

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Islamic Azad University Sari Branch

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

Mazandaran University of Medical Sciences

Full name of responsible person

Ghasem Janbabai

Position

Specialty of oncology/Associate of Professor

Other areas of specialty/work

Street address

Imam Square Tee Mazandaran University of Medical Sciences streams office

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

mehdi pourasghar

Position

Psychiatrist

Other areas of specialty/work**Street address**

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fatemeh_fathi67@yahoo.com

Web page address**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

Person responsible for updating data**Contact****Name of organization / entity**

Islamic Azad University Of Sari Branch

Full name of responsible person

Fatemeh Fathi

Position