Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 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

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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
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Person responsible for scientific inquiries

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Mazandaran University of Medical Sciences

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Person responsible for updating data

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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