

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jun 2026

Vaccination of diffuse B cell lymphoma patients by use of tumor antigens and autologous dendritic cells complex

Protocol summary

Mazandaran University of Medical Sciences and Health Services

Summary

The Purpose of this study is to determine the effect of dendritic cells and tumor antigen complex capability in preventing tumor development. 10 lymphoma subjects will be randomly divided to two equal groups. After antigen priming, one group will receive a median of 6.5×1000000 dendritic cells which are subcutaneously injected close to inguinal lymph nodes, twice a day. TCD4 and tumor size will be measured one week after intervention.

Expected recruitment start date

2009-06-22, 1388/04/01

Expected recruitment end date

2011-11-22, 1390/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138712071715N1**

Registration date: **2009-05-31, 1388/03/10**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2009-05-31, 1388/03/10

Registrant information

Name

Saeid Abedian

Name of organization / entity

Mazandaran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 335430810151

Email address

sabedian@mazums.ac.ir

Recruitment status

Recruitment complete

Funding source

Scientific title

Vaccination of diffuse B cell lymphoma patients by use of tumor antigens and autologous dendritic cells complex

Public title

Vaccination of cancer patients for preventing cancer development

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Presence of diffuse b cell lymphoma

Exclusion criteria: Presence o any other kind of cancer except for lymphoma

Age

From **40 years** old to **60 years** old

Gender

Both

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: **10**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

1

Registry name

Lymphoma

Secondary trial Id

Registration date

2009-04-05, 1388/01/16

Ethics committees

1

Ethics committee

Name of ethics committee

Mazandaran University of Medical Sciences and Health Services

Street address

Mazandaran University of Medical Sciences, Imam square,

City

Sari

Postal code

Approval date

2009-03-03, 1387/12/13

Ethics committee reference number

116-87

Health conditions studied

1

Description of health condition studied

Lymphoma

ICD-10 code

C85.1

ICD-10 code description

B-cell lymphoma, unspecified

Primary outcomes

1

Description

The number of TCD4

Timepoint

one week after injection

Method of measurement

Floctometry

2

Description

The number of TCD8

Timepoint

one week after injection

Method of measurement

Floctometry

Secondary outcomes

1

Description

Interleukin 2

Timepoint

7 to 14 days after injection

Method of measurement

eliza

2

Description

Interleukin 4

Timepoint

7 to 14 days after injection

Method of measurement

ELIZA method

3

Description

Interleukin 10

Timepoint

7 to 14 days after injection

Method of measurement

ELIZA method

4

Description

Interleukin 17

Timepoint

7 to 14 days after injection

Method of measurement

ELIZA method

Intervention groups

1

Description

After antigen priming, subcutaneous injection of median of 6.5×1000000 (0.5 ml) dendritic cells, close to inguinal lymph nodes, twice a day

Category

empty

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomaini Hospital

Full name of responsible person

Saeid Abedian

Street address

Medecine collage, Mazandaran University of Medical Sciences

City

Sari

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

Saeid Abedian

Street address

Medecine collage, Mazandaran University of medical Sciences

City

Sari

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Mazandaran 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

Mazandaran University of Medical Sciences

Full name of responsible person

Motahareh Kheradmand

Position

Master of Science on Nursing.

Other areas of specialty/work

Street address

Moallem square,

City

Sari

Postal code

00981514817844718

Phone

+98 15132612458

Fax

Email

elhamkheradmand2003@yahoo.comkheradmand@mazums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

Saeid Abedian

Position

PhD in Immunology

Other areas of specialty/work

Street address

Medicine collage, Mazandaran University of Medical Sciences,

City

Sari

Postal code

Phone

+98 35 43249

Fax

Email

abedianlab@yahoo.co.ukabedianks@razi.tums.ac.irsa
bedian@mazums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

Saeid Abedian

Position

PhD in Immunology/Assistant Professor

Other areas of specialty/work

Street address

Medecine collage, Mazandaran university of Medical Sciences

City

Sari

Postal code

Phone

+98 15 1354 3249

Fax

Email

abedianlab@yahoo.co.ukabedianks@razi.tums.ac.irsa
bedian@mazums.ac.ir

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