Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Efficacy of Botulinum toxin A on Post herpetic Neuralgia

Protocol summary

Summary

This study was done to assess the effect of Botulinum toxin A on post herpetic neuralgia. Patients referred to outpatient clinics in Shiraz University of Medical Science who had post herpetic neuralgia for at least 1 month without any response to usual treatment were recruited. For each 10cm² of painful area 15IU Botulinum toxin A reconstructed with 4cc Lidocaein 5% was injected intradermaly. Before injection we used topical Lidocaein gel 2% on painful areas. Follow up was done 3 times on 2 days, 2 weeks and 1 month intervals (primary outcome). Pain in the lesions was assessed using Visual Analogue Scale. Target sample size was 15 patients.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138812033396N1**
Registration date: **2010-05-19, 1389/02/29**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2010-05-19, 1389/02/29

Registrant information

Name
Parisa Taheri
Name of organization / entity
Shiraz University of Medical Sciences
Country
Iran (Islamic Republic of)
Phone
+98 71 1231 9040
Email address
taherip@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shiraz University of medical Sciences

Expected recruitment start date

2009-01-06, 1387/10/17

Expected recruitment end date

2010-02-06, 1388/11/17

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of Botulinum toxin A on Post herpetic Neuralgia

Public title

Efficacy of Botulinum toxin A on Post herpetic Neuralgia

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: age>18, pain>1month, sex:both
Exclusion criteria: history of botolinium toxin A injection for this pain, coagulopathy, topical infection, allergy to topical anesthetics, tumor in site of lesion, sepsis.

Age

From **18 years** old to **149 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **15**

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
Shiraz University of Medical Sciences
Street address
Zand street-Shiraz University of Medical Sciences
City
Shiraz
Postal code
Approval date
empty
Ethics committee reference number
88-4931

Health conditions studied

1

Description of health condition studied
Postherpetic Neuralgia
ICD-10 code
BO2.2, G53
ICD-10 code description
Postherpetic Neuralgia

Primary outcomes

1

Description
Pain
Timepoint
2 days, 2 weeks, 1 month after injection
Method of measurement
Visual Analogue Scale (VAS)

Secondary outcomes

empty

Intervention groups

1

Description
Intradermal injection of botolinum toxin A (15 units /every 10cm² of body involved)
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Shiraz University of Medical Sciences Clinics
Full name of responsible person
Street address
City
Shiraz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Shiraz University of Medical Sciences
Full name of responsible person
Dr.Mohamad Hosein Dabaghmanesh
Street address
Shiraz- Zand street- Shiraz University of Medical Sciences
City
Shiraz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Shiraz 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
Shiraz University of Medical Sciences - Department of Physical Medicine and Rehabilitation
Full name of responsible person
Dr.MohamadReza Emad
Position
Associate Professor
Other areas of specialty/work
Street address
Shiraz - Zand street-University of Medical Sciences-Shahid Faghihi hospital - Department of Physical Medicine and Rehabilitation

City
Shiraz
Postal code
Phone
+98 71 1231 9040
Fax
Email
emadm@sums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Shiraz University of Medical Sciences
Full name of responsible person
Dr.MohamadReza Emad
Position
Associate Professor
Other areas of specialty/work
Street address
Zand street- Shahid Faghihi hospital- Department of Physical medicine and Rehabilitation
City
Shiraz
Postal code
Phone
+98 71 1231 9040
Fax
Email
emadm@sums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Shiraz University of Medical Sciences
Full name of responsible person
Dr.MohamedReza Emad
Position
Associate Professor
Other areas of specialty/work
Street address
Shiraz- Shiraz University of Medical Sciences- Faghihi hospital- Department of Physical medicine and Rehabilitation
City
Shiraz
Postal code
Phone
Fax
Email
emadm@sums.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