# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

12 Nov 2026

## Comparative study of the Effects of Emla Cream and Diclofenac Gel on Chemo Port Pain in patients Referring to Oncology wards in Zahedan University of Medical Sciences Affiliated Hospitals

## Protocol summary

**Summary**

The aim of this study was to compare the effects of diclofenac spell and denture on pain caused by port insertion in patients undergoing chemotherapy in the Oncology Department of Zahedan University of Medical Sciences, Randomized, Double-blind, Controlled Patients. Entry criteria: willingness to participate in research; having verbal, subjective, vision; presently not having acute psychiatric disorders; history of fauxism; congenital idiopathic hemoglobinemia; liver disease; skin allergy; skin dermatitis; lack of treatment with sulfonamide , Nitrates and phenobarbital, non-diabetes, non-addiction, non-use of housing within the last 24 hours. Exit criteria: The wound of the port's location during the intervention; Infection and secretion at the port site during the intervention; Failure to reach the first action. Interventions: Diclofenac gel for 1 hour, one gram for one hour, one gram for 1 hour cream for 1 hour, vitamin A + D cream for one hour. Main outcome variable: diclofenac gel, spellet cream, vitamin A + D cream.

## General information

**Acronym**

**IRCT registration information**

IRCT registration number: **IRCT2017080635520N1**
Registration date: **2017-08-30, 1396/06/08**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

**Registration date**

2017-08-30, 1396/06/08

**Registrant information**

**Name**

Alireza Salar

**Name of organization / entity**

Faculty of nursing and midwifery Zahedan

**Country**

Iran (Islamic Republic of)

**Phone**

+98 54 3344 2482

**Email address**

salar@zaums.ac.ir

**Recruitment status**

**Recruitment complete**

**Funding source**

Vice chancellor for research zahedan University of Medical Sciences

**Expected recruitment start date**

2017-03-20, 1395/12/30

**Expected recruitment end date**

2018-03-20, 1396/12/29

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

Comparative study of the Effects of Emla Cream and Diclofenac Gel on Chemo Port Pain in patients Referring to Oncology wards in Zahedan University of Medical Sciences Affiliated Hospitals

**Public title**

Comparative study of the Effects of Emla Cream and Diclofenac Gel on Chemo Port Pain in patients Referring to Oncology wards in Zahedan University of Medical Sciences Affiliated Hospitals

**Purpose**

Health service research

**Inclusion/Exclusion criteria**
Inclusion criteria: Inclination to participate in research; Having verbal, subjective, vision ability; At present there is no acute psychiatric disorder; There is no history of favism, congenital idiopathic hemoglobin, liver disease, skin allergy, skin dermatitis; no treatment with sulfonamides, nitrates Phenobarbital, non-diabetes, non-addiction, non-use of housing in the last 24 hours. Exit criteria: The wound of the port's location during the intervention; Infection and secretion at the port site during the intervention; Failure to follow the first action.

**Age**
From **12 years** old to **99 years** old

**Gender**
Both

**Phase**
2-3

**Groups that have been masked**
*No information*

**Sample size**
Target sample size:

**Randomization (investigator's opinion)**
Randomized

**Randomization description**

**Blinding (investigator's opinion)**
Double blinded

**Blinding description**

**Placebo**
Used

**Assignment**
Parallel

**Other design features**

## Secondary Ids

### 1

**Registry name**
-

**Secondary trial Id**
-

**Registration date**
empty

## Ethics committees

### 1

**Ethics committee**

**Name of ethics committee**
Ethics Committee Zahedan university of medical sciences

**Street address**
Administrative Complex of Khalij Fars Blvd. University of Medical Sciences, Dr Hasabi Square, Zahedan

**City**
Zahedan

**Postal code**
98167-43463

**Approval date**
2017-07-23, 1396/05/01

**Ethics committee reference number**
ir.zaums.rec.1396.103

## Health conditions studied

### 1

**Description of health condition studied**
cancer

**ICD-10 code**
E2

**ICD-10 code description**
Neoplasms

## Primary outcomes

### 1

**Description**
Emlacream

**Timepoint**
During the intervention

**Method of measurement**
Geram

### 2

**Description**
Diclofenac gel

**Timepoint**
During the intervention

**Method of measurement**
Geram

### 3

**Description**
Vitamin(A+D)

**Timepoint**
During the intervention

**Method of measurement**
Geram

## Secondary outcomes

### 1

**Description**
Sex

**Timepoint**
During the intervention

**Method of measurement**
Patient case

### 2

**Description**
Duration under chemotherapy

**Timepoint**
During the intervention

**Method of measurement**
Day

**3**

**Description**
Age
**Timepoint**
During the intervention
**Method of measurement**
Years

**4**

**Description**
Severity of pain
**Timepoint**
During the intervention
**Method of measurement**
Vas

**5**

**Description**
Duration of port usage
**Timepoint**
During the intervention
**Method of measurement**
Day

## Intervention groups

**1**

**Description**
diclofenac jel .1 geram.1 our once
**Category**
Treatment - Drugs

**2**

**Description**
emla cream .topical 1 geram.1ouronce
**Category**
Treatment - Drugs

**3**

**Description**
vitamin(A+D).1 geram.1 our once
**Category**
Placebo

## Recruitment centers

**1**

**Recruitment center**
**Name of recruitment center**
Oncology Department of Khatam-ol-Anbia Hospital in Zahedan
**Full name of responsible person**
Shima Mohamadi Nejad
**Street address**
Khatam-al-Anbia Hospital, Khatam al-Anbia Square
**City**
Zahedan

**2**

**Recruitment center**
**Name of recruitment center**
Department of Oncology, Ali Ibn Abi Talib Hospital
**Full name of responsible person**
Shima Mohamadi Nejad
**Street address**
Dr. Ali Saba Hospital, Ali ibn Abi Talib
**City**
Zahedan

## Sponsors / Funding sources

**1**

**Sponsor**
**Name of organization / entity**
Vice chancellor for research Zahedan University of Medical Sciences
**Full name of responsible person**
Dr Nourmohammad Bakhshani
**Street address**
Administrative Complex of Khalij Fars Blvd. University of Medical Sciences, Dr Hasabi Square, Zahedan
**City**
Zahedan
**Grant name**
**Grant code / Reference number**
**Is the source of funding the same sponsor organization/entity?**
Yes
**Title of funding source**
Vice chancellor for research Zahedan 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**
Zahedan Nursing Midwifery Faculty
**Full name of responsible person**
Shima Mohammadinejad
**Position**
Master of Internal and Surgical
**Other areas of specialty/work**
**Street address**
Faculty of Nursing and Midwifery, Fellowship Square
**City**

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Sh.mohamadi90@yahoo.com
**Web page address**

## Person responsible for scientific inquiries

**Contact**
**Name of organization / entity**
Zahedan Nursing Midwifery Faculty
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## Person responsible for updating data

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Sh.mohamadi90@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*