

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Jul 2026

Effect of Wet cupping on Quality of Life of Adult Patients Complaining from Chronic Medical Conditions in King Abdulaziz University

Protocol summary

Summary

BACKGROUND AND OBJECTIVES: Cupping has been used in the treatment of pain and many other complaints for millennia. The objective of the study will be to assess the effect of wet cupping (Hijama) on the Health-Related Quality of Life (HQOOL) of patients complaining from chronic medical conditions and referred to cupping clinic in King Abdulaziz University Hospital (KAUH), Jeddah, Saudi Arabia. **DESIGN AND SETTINGS:** An intervention study with pre-test, intervention and post- tests will be done at the Cupping Clinic, KAUH will be done **METHODS:** Patients' HRQOL will be assessed before and after cupping using the World Health Organization Quality of Life assessment instrument (WHOQOL- BREF). Both descriptive and analytic statistics were done. Differences in the four domains of HRQOL were assessed before and after cupping.

General information

Acronym

Effect of cupping on QoL

IRCT registration information

IRCT registration number: **IRCT2015050322060N1**

Registration date: **2015-05-16, 1394/02/26**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-05-16, 1394/02/26

Registrant information

Name

Nahla Ibrahim

Name of organization / entity

King Abdulaziz University

Country

Saudi Arabia

Phone

00966501632237

Email address

nibrahim@kau.edu.sa

Recruitment status

Recruitment complete

Funding source

Scientific Chair of Yousef Abdul Latif Jameel (YAJ)

Expected recruitment start date

2012-09-01, 1391/06/11

Expected recruitment end date

2015-06-01, 1394/03/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Wet cupping on Quality of Life of Adult Patients Complaining from Chronic Medical Conditions in King Abdulaziz University

Public title

Wet cupping improve Quality of Life of Adult Patients Complaining from Chronic Medical Conditions in King Abdulaziz University

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: include all adult patients (18-60 years) referred for chronic conditions, fully understand the research process and willing to provide informed consent. Exclusion criteria: Patients will be excluded from the study if they were using medication on regular basis, if they not willing to comply with the study protocol or if they had mental illnesses that interfere with completing the study.

Age

From **18 years** old to **60 years** old

Gender

Male

Phase

4

Groups that have been masked

No information

Sample size

Target sample size: **300**

Randomization (investigator's opinion)

Not randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features

An intervention study with pre-test, intervention and post- tests were done at the Cupping Clinic, KAUH Pre-test: Upon enrollment, all patients completed a validated, pre-constructed, self-administered, confidential questionnaire. The questionnaire will be used to collect personal and socio-demographic data as well as data about the reason for referral to the Cupping Clinic. They were requested to report the type of pain and other medical conditions. The HRQOL will be assessed using the WHOQOL- BREF before and after cupping. The WHOQOL-BREF contains 26 questions, two of which are general and 24 that assess four domains, namely physical health, psychological health, social relationships, and environmental domains. The internal consistency of the WHOQOL- BREF and the four domains of the questionnaire will be assessed and ranged from 0.66 - 0.925. The content validity, construct validity, and the reliability of the WHOQOL-BREF are good. 11,12 Intervention: Wet cupping will be performed by an expert certified physicians who regularly performed cupping in the clinical settings. Post-test: Patients completed the same questionnaire one month after cupping. They were also asked about pain improvement after cupping, and if present when the felt the improved pain. Outcome measures: Scoring of the various continuous HRQOL domains will be done according to the WHOQOL-BREF at the baseline and one month after cupping treatment.

Secondary Ids**1****Registry name**

Registration in the IRB

Secondary trial Id

Reference Number: 851-12

Registration date

2017-11-21, 1396/08/30

Ethics committees**1****Ethics committee****Name of ethics committee**

Institutional Review Board (IRB) of the Faculty of Medicine, King Abdulaziz Universty Hospital. The

Street address

Faculty of Medicine, KAUH, and it was conformed to the ethical standards of the Helsinki Declaration.

City

Jeddah

Postal code

21551

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

Reference Number: 851-12.

Health conditions studied**1****Description of health condition studied**

Chronic medical conditions

ICD-10 code

XIII

ICD-10 code description

Diseases of the musculoskeletal system and connective tissue (M00-M99)

Primary outcomes**1****Description**

Scoring of the various continuous Health related Quality of Life (HRQOL) domains according to the WHOQOL- BREF at the baseline and one month after cupping treatment. R

Timepoint

After cupping, Post -test Scoring of the various continuous Health Related Quality of Life (HRQOL) domains

Method of measurement

HRQOL WHO The WHOQOL-BREF contains 26 questions, two of which are general and 24 that assess four domains, namely physical health, psychological health, social relationships, and environmental domains.

Secondary outcomes**1****Description**

Improve general condition, decrease pain

Timepoint

After the wet cupping

Method of measurement

Questionnaire

Intervention groups

1

Description

Cupping clinic was approved by the Faculty and the University. A clinical trial study (Quasi-experimental study) with pre-test, the intervention by cupping, and post-test was done.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

King Abdulaziz University Cupping clinic. It was approved by faculty and the university.

Full name of responsible person

Prof. Soad Al Jaouni

Street address

King Abdulaziz University, 1Hematology Department, Faculty of Medicine,

City

Jeddah

2

Recruitment center

Name of recruitment center

Yousef Abdul-Latif Jameel (YAJ) Cupping Clinic in King Abdulaziz Univerity Hospital

Full name of responsible person

Prof. Soad Al Jaouni

Street address

King Abdulaziz University, 1Hematology Department, Faculty of Medicine,

City

Jeddah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yousef Abdul-Latif Jameel Chair for Prophetic Medicine

Full name of responsible person

Prof. Soad Al Jaouni

Street address

King Abdulaziz University, 1Hematology Department, Faculty of Medicine,

City

Jeddah

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Yousef Abdul-Latif Jameel Chair for Prophetic Medicine

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

Yousef Abdul-Latif Jameel

Full name of responsible person

Prof. Soad Al Jaouni

Position

Professor of Hematology Department, Faculty of Medicine,

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

King Abdulaziz University

Full name of responsible person

Prof. Nahla Ibrahim

Position

Prof. of Epidemiology MBBCh, MPH, Dr.PH (Epid), DHPE, JMHPE (Maastricht & SCU).

Other areas of specialty/work

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Web page address

Person responsible for updating data

Contact

Name of organization / entity

King Abdulaziz University

Full name of responsible person

Prof. Nahla Ibrahim

Position

Prof. of Epidemiology

Other areas of specialty/work

Street address

King Abdulaziz University

City

Jeddah

Province

Not Listed or Not Applicable

Postal code

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