Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 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

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