A Comparison between Articaine Mandibular Infiltration and Lidocaine Mandibular Block Anaesthesia in Second Primary Molar

Protocol summary

Summary
aim: A Comparison between Articaine Mandibular Infiltration and Lidocaine Mandibular Block Anaesthesia in Second Primary Molar, Study design: Randomized, criteria for inclusion: Public health healthy or with Mild systemic disease, Lack of sensitivity to local anesthetics, Lack of medication in the past 24 hours, Acute abscess of the tooth and does not wobble. Exclusion criteria: More than 11 years younger than 8 years, Lack of cooperation, Anesthesia allergy on drug use, sample size: 42 patients studied interventions: Anesthetic, The main outcome variable: The success of local anesthesia

General information

Acronym
IRCT registration information
IRCT registration number: IRCT2016040927300N1
Registration date: 2016-06-27, 1395/04/07
Registration timing: retrospective

Recruitment status
Recruitment complete

Funding source
Dental school, Islamic Azad University, Isfahan (Khorasgan) Branch

Expected recruitment start date
2015-09-27, 1394/07/05

Expected recruitment end date
2016-02-19, 1394/11/30

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
A Comparison between Articaine Mandibular Infiltration and Lidocaine Mandibular Block Anaesthesia in Second Primary Molar

Public title
A Comparison two methods of dental anesthesia with different anesthetic in extraction of primary dentition

Purpose
Treatment

Inclusion/Exclusion criteria
Inclusion criteria: Public health healthy or with Mild systemic disease; Lack of sensitivity to local anesthetics; Lack of medication in the past 24 hours; Acute abscess of the tooth and does not wobble. Exclusion criteria: More than 11 years younger than 8 years; Lack of cooperation, Anesthesia allergy on drug use

Age
From 88 years old to 85 years old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: 42

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids
empty

Ethics committees

1
Ethics committee
Name of ethics committee
Islamic Azad University of Isfahan (Khorasgan), Dental School

Street address
Islamic Azad University of Isfahan (Khorasgan), Jay Street
City
Isfahan
Postal code

Approval date
2015-12-15, 1394/09/24

Ethics committee reference number
IR.mui.rec.1394.4.127

Health conditions studied

1
Description of health condition studied
local anesthesia

ICD-10 code
Y48.3

ICD-10 code description
Local anaesthetics

Primary outcomes

1
Description
The success of local anesthesia

Timepoint
72 hours

Method of measurement
SEM

Secondary outcomes
empty

Intervention groups

1
Description
Intervention group 1: Use the techniques and injected lidocaine block

Category
Treatment - Other

2
Description
2 intervention groups: injection of anesthetic solution infiltration and Articaine

Category
Treatment - Other

Recruitment centers

1
Recruitment center
Name of recruitment center
Islamic Azad University of Isfahan (Khorasgan), Dental School

Full name of responsible person
Elham Ghaffari

Street address
Islamic Azad University of Isfahan (Khorasgan), Jay Street
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Sponsors / Funding sources

1
Sponsor
Name of organization / entity
Islamic Azad University Isfahan (Khorasgan)

Full name of responsible person
Dr Vahid Esfahanian

Street address
Islamic Azad University of Isfahan (Khorasgan), Dental School
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Grant name

Grant code / Reference number

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

Title of funding source
Islamic Azad University Isfahan (Khorasgan)

Proportion provided by this source
100
Public or private sector
empty
Domestic or foreign origin
Person responsible for general inquiries

Contact
Name of organization / entity
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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