

Effects of epidural lidocaine analgesia on labor and delivery

Submission date 26/04/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 04/05/2006	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
Last Edited 05/01/2007	Condition category Pregnancy and Childbirth	<input type="checkbox"/> Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
8112

Study information

Scientific Title

Study objectives

Epidural analgesia for labor does not affect the duration of the first or second stages of labor

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics Committee of Kashan University of Medical sciences approved this research on 01/10/2002, reference number: 8112

Study design

Interventional, randomized controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Labor pain

Interventions

197 women were randomized to receive epidural with bolus doses of 1% lidocaine, 198 women were randomized to receive single-dose intravenous meperidine 25 to 50 mg

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

Lidocaine, meperidine

Primary outcome(s)

Epidural analgesia for labor does not prolong the first or second stages of labor

Key secondary outcome(s))

Epidural analgesia for labor does not affect neonatal apgar score

Completion date

01/02/2005

Eligibility**Key inclusion criteria**

1. Nulliparity
2. Active labor
3. Cervical dilatation ≥ 4 cm
4. Single fetus with vertex presentation
5. American Society of Anesthesiologists (ASA) status 1
6. Request for analgesia

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

Female

Key exclusion criteria

1. ASA status >2
2. Age <19 years old
3. Receiving analgesia prior to enrolment
4. Accidental dural puncture
5. Multiparity
6. Probable cephalopelvic disproportion on pelvic examination
7. Cervical dilatation to >4 cm

Date of first enrolment

01/06/2004

Date of final enrolment

01/02/2005

Locations**Countries of recruitment**

Iran

Study participating centre

5th Kilometers of Ravand Road

Kashan

Iran

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Sponsor information**Organisation**

Kashan University of Medical Sciences (Iran)

ROR

<https://ror.org/03dc0dy65>

Funder(s)

Funder type

University/education

Funder Name

Kashan University of Medical Sciences, Iran (8112)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	Results	18/12/2006		Yes	No