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Effects of epidural lidocaine analgesia on labor and delivery

Submission date 26/04/2006	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 04/05/2006	**Overall study status** Completed	
Last Edited 05/01/2007	**Condition category** Pregnancy and Childbirth	

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

Primary study design
Interventional

Study design
Interventional, randomized controlled trial

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