

Asthma Living Guideline Search Narrative - Pregnancy

Searches were carried out on the key questions.

1. Does asthma behave differently in patients when pregnant?
2. Is the management of asthma in pregnancy different from that of the routine management in non-pregnant individuals?
3. Are the drugs used to treat asthma harmful to the mother or fetus? Should any of them be used with caution, not at all or used as normal?
4. Should asthma be monitored more carefully/differently in pregnancy when compared with other adult situations?
5. What precautions/arrangements should be made before and during labour & delivery for women with asthma?
6. In the patient with severe asthma which deteriorates in pregnancy what is the best way to manage and monitor the condition?
7. Are there any special arrangements required to manage labour, the delivery and postnatal period?
8. Does asthma have any adverse consequences for the outcome of pregnancy?
9. Are the drugs used to treat maternal asthma harmful to the infant during breastfeeding?

19 February 2004

Searches for asthma and pregnancy were conducted in the year range 2003-2004 on the following databases.

The Medline strategy was adapted for other databases.

- Cinahl
- Cochrane Central Register of Controlled Trials
- Embase
- Medline

Results were separated into systematic reviews and all other studies.

Type of study	Duplicates removed	Sifted
RCT/Obs	62	16

Database: Ovid MEDLINE(R) < 1996 to February Week 2 2004 >

Search Strategy:

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- 1 exp Asthma/ (22584)
 - 2 asthma.tw. (24315)
 - 3 1 or 2 (28533)
 - 4 exp Pregnancy/ (113447)
 - 5 pregnan\$.tw. (59222)
 - 6 exp Fetus/ (17304)
 - 7 exp Perinatology/ (264)
 - 8 exp Perinatal care/ (711)
 - 9 exp Postnatal care/ (756)
 - 10 exp Labor/ (5018)
 - 11 (labour or labor).tw. (12876)
 - 12 (childbirth or child birth).tw. (2013)

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13 exp Delivery/ (10717)
 14 exp Fetal development/ (24094)
 15 exp Pregnancy complications/ (51805)
 16 exp Pregnancy outcome/ (10163)
 17 exp Prenatal care/ (3761)
 18 fet\$.tw. (44356)
 19 foet\$.tw. (2839)
 20 or/4-19 (162749)
 21 3 and 20 (693)
 22 exp Puberty/ (2713)
 23 sex\$ matur\$.tw. (1467)
 24 exp Sex maturation/ (1824)
 25 or/22-24 (5314)
 26 3 and 25 (21)
 27 21 or 26 (712)
 Set 27 Combined with RCT and Observational Strategy

Database: EMBASE < 1996 to 2004 Week 07 >

Search Strategy:

1 exp Asthma/ (30714)
 2 asthma.tw. (25030)
 3 1 or 2 (33864)
 4 exp pregnancy/ (40609)
 5 pregnan\$.tw. (56440)
 6 exp fetus/ (25407)
 7 fet\$.tw. (43629)
 8 foet\$.tw. (2727)
 9 exp perinatology/ (156)
 10 exp perinatal care/ (7638)
 11 exp postnatal care/ (9634)
 12 exp labor/ (3474)
 13 (labour or labor).tw. (11257)
 14 (childbirth or child birth).tw. (1230)
 15 exp delivery/ (16211)
 16 exp fetus development/ (4565)
 17 exp Pregnancy complication/ (11688)
 18 exp prenatal care/ (18923)
 19 or/4-18 (130987)
 20 3 and 19 (777)
 21 exp breast feeding/ (5028)
 22 breast feeding.tw. (2011)
 23 breastfeeding.tw. (1575)
 24 or/21-23 (5560)
 25 3 and 24 (178)
 26 20 or 25 (907)
 27 Set 26 Combined with RCT and Observational Strategy

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