

# **Assisted reproductive technology and risk of asthma and allergy in the offspring: protocol for a systematic review and meta-analysis**

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## **Supplementary File**

### **APPENDIX 1:**

#### **MEDLINE Search Strategy**

1. assisted reproductive technology.mp. or exp Reproductive Techniques, Assisted/
2. in-vitro fertilization.mp. or exp Fertilization in Vitro/
3. exp Insemination, Artificial/ or Insemination, Artificial, Homologous/ or intrauterine insemination.mp.
4. intracytoplasmic sperm injection.mp. or exp Sperm Injections, Intracytoplasmic/
5. exp Embryo Transfer/ or exp Zygote Intrafallopian Transfer/ or zygote intrafallopian transfer.mp.
6. gamete intrafallopian transfer.mp. or exp Gamete Intrafallopian Transfer/
7. infertility treatment.mp.
8. 1 or 2 or 3 or 4 or 5 or 6 or 7
9. exp Asthma/ or asthma.mp.
10. wheeze.mp.
11. exp Dermatitis, Atopic/ or atopic eczema.mp.
12. exp Hypersensitivity, Immediate/ or exp Hypersensitivity/ or atopy.mp. or allergy.mp. or atopic sensitisation.mp. or allergic sensitisation.mp.
13. exp Rhinitis, Allergic, Seasonal/ or exp Rhinitis, Allergic, Perennial/ or exp Allergens/ or allergic rhinitis.mp.
14. exp Conjunctivitis, Allergic/ or Rhinoconjunctivitis.mp.
15. exp Conjunctivitis, Allergic/ or Rhinoconjunctivitis.mp.
16. exp Urticaria/ or urticarial.mp.
17. exp Angioedema/ or angioedema.mp.
18. exp Food Hypersensitivity/ or food allergy.mp.
19. exp Anaphylaxis/ or anaphylaxis.mp.
20. lung function.mp.

21. airway function.mp. or exp Bronchial Hyperreactivity/
22. exp Forced Expiratory Volume/ or forced expiratory volume in 1 second.mp.
23. exp Peak Expiratory Flow Rate/ or peak expiratory flow.mp.
24. 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23
25. 8 and 24
26. limit 25 to yr="1978-2016"