# Supplementary Digital Content 1

# Search strategy

Search terms in every focus (bloc) were combined with OR. The focuses were thereafter combined with AND.

When using Free-text terms, the term was both searched for in the singular and the plural. Indicated with (s).

Database: PubMed

Date: November 7, 2016

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| **Focus 1** | **A****N****D** | **Focus 2** |
| **OR** | **OR** |
| **Free-text terms**  | **MeSH terms** | **Free-text terms** | **MeSH terms** |
| Methotrexate[tiab] | methotrexate | male infertility(ies)[tiab] | "Infertility, Male"[Mesh] |
| amethopterin[tiab] | Gives same hit as above (same entry term) | "Spermatozoa(s)"[tiab] | "Spermatozoa"[Mesh] |
| Methotrexate, sodium salt[tiab] | - | Sperm[tiab] | Gives the same hit as above (same entry term) |
| Methotrexate, sodium[tiab] | - | Spermatozoon[tiab] | - |
| Mexate[tiab] | - | Fetus[tiab] | Fetus[Mesh] |
| MTX[tiab] | Not a MESH term | (("Fertility(ies)"[tiab] AND (male OR men OR man)) | Fertility[Mesh]AND (male OR men OR man) |
| otrexup[tiab] | - | Paternal exposure(s)[tiab] | Paternal exposure[Mesh] |
| rasuvo[tiab] | - | Father(s)[tiab] | Fathers[Mesh] |
| rheumatrex[tiab] | - | (("Pregnancy Outcome(s)"[tiab]) AND ((male OR men OR man)))) | (("Pregnancy Outcome"[Mesh]) AND ((male OR men OR man)))) |
| trexal[tiab] | - | Testis[tiab] OR Testes[tiab] | Testis[Mesh] |
| ebetrex[tiab] | - | spermatogenesis[tiab] | spermatogenesis[Mesh] |
| emthexate[tiab] | - |  |  |

Filters: None

Number of references: 568