

## **Effectiveness of adverse effects search filters: drugs versus medical devices**

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### **APPENDIX A**

#### **Tested search filters**

##### **BMJ Clinical Evidence: MEDLINE adverse effects strategy**

1. (ae or to or po or co).fs.
2. (safe or safety).ti,ab.
3. side effect\$.ti,ab.
4. ((adverse or undesirable or harms\$ or serious or toxic) adj3 (effect\$ or reaction\$ or event\$ or outcome\$)).ti,ab.
5. exp product surveillance, postmarketing/
6. exp adverse drug reaction reporting systems/
7. exp clinical trials, phase iv/
8. exp poisoning/
9. exp substance-related disorders/
10. exp drug toxicity/
11. exp abnormalities, drug induced/
12. exp drug monitoring/
13. exp drug hypersensitivity/
14. (toxicity or complication\$ or noxious or tolerability).ti,ab.
15. exp Postoperative Complications/
16. exp Intraoperative Complications/
17. or/1-16

##### **BMJ Clinical Evidence: Embase adverse effects strategy**

1. (ae or si or to or co).fs.
2. (safe or safety).ti,ab.
3. side effect\$.ti,ab.
4. ((adverse or undesirable or harm\$ or serious or toxic) adj3 (effect\$ or reaction\$ or event\$ or outcome\$)).ti,ab.
5. exp adverse drug reaction/
6. exp drug toxicity/
7. exp intoxication/
8. exp drug safety/
9. exp drug monitoring/
10. exp drug hypersensitivity/
11. exp postmarketing surveillance/
12. exp drug surveillance program/
13. exp phase iv clinical trial/
14. (toxicity or complication\$ or noxious or tolerability).ti,ab.

15. exp postoperative complication/
16. exp Peroperative Complication/
17. or/1-16

**Golder et al.: MEDLINE most sensitive search strategy excluding use of specified, named adverse effects**

1. (ae or co or de).fs.
2. (safe or safety or side effect\* or undesirable effect\* or treatment emergent or tolerability or toxicity or adrs or (adverse adj2 (effect or effects or reaction or reactions or event or events or outcome or outcomes))).ti,ab.
3. or/1-2

**Golder et al.: Embase most sensitive search strategy excluding use of specified, named adverse effects**

1. Drug/ae, to†
2. (safe or safety or side effect\* or undesirable effect\* or treatment emergent or tolerability or toxicity or adrs or (adverse adj2 (effect or effects or reaction or reactions or event or events or outcome or outcomes))).ti,ab.
3. or/1-2

† Floating subheadings were used for sensitivity tests: (ae or to).fs.

**Canadian Agency for Drugs and Technologies in Health (CADTH): MEDLINE adverse effects filter**

1. (ae or co or de).fs.
2. exp "drug-related side effects and adverse reactions"/
3. psychoses, substance-induced/
4. exp drug hypersensitivity/
5. exp product surveillance, postmarketing/
6. clinical trial, phase IV.pt.
7. drug recalls/
8. safety-based drug withdrawals/
9. abnormalities, drug-induced/
10. (safe\* or adverse\* or undesirable or harm\* or injurious or risk or risks or reaction\* or complication\* or poison\*).ti.
11. (side effect\* or safety or unsafe).ti,ab.
12. ((adverse or undesirable or harm\* or toxic or injurious or serious or fatal) adj3 (effect\* or reaction\* or event\* or outcome\* or incident\*)).ab.
13. ((drug or chemically) adj induced).ti,ab.
14. (toxic or toxicit\* or toxicologic\* or intoxication or noxious or tolerability or teratogen\*).ti,ab.
15. (warning\* or recall\* or withdrawn\* or withdrawal\*).ti.
16. (death or deaths or fatal or fatality or fatalities).ti.
17. or/1-16

**CADTH: Embase adverse effects filter**

1. (ae or it or to).fs.
2. exp adverse drug reaction/
3. exp side effect/
4. exp drug safety/
5. exp "drug toxicity and intoxication"/
6. toxic hepatitis/
7. exp drug hypersensitivity/
8. exp postmarketing surveillance/
9. phase 4 clinical trial/
10. drug recall/
11. (safe\* or adverse\* or undesirable or harm\* or injurious or risk or risks or reaction\* or complication\* or poison\*).ti.
12. (side effect\* or safety or unsafe).ti,ab.
13. ((adverse or undesirable or harm\* or toxic or injurious or serious or fatal) adj3 (effect\* or reaction\* or event\* or outcome\* or incident\*)).ab.
14. ((drug or chemically) adj induced).ti,ab.
15. (toxic or toxicit\* or toxologic\* or intoxication or noxious or tolerability or teratogen\*).ti,ab.
16. (warning\* or recall\* or withdrawn\* or withdrawal\*).ti.
17. (death or deaths or fatal or fatality or fatalities).ti.
18. or/1-17