Improvement of search strategies in PubMed

Javan


1985 hits – 61 included references retrieved

Hasani

Research question:

efficacy and safety of effective herbal medicines in the management of obesity in humans and animals

Original search strategy

"obesity" AND ("herbal medicine" OR "plant" OR "plant medicinal" OR "medicine traditional")


7883 hits – 67 includes retrieved
Verhoeven

Original search strategy:

Diabetes AND (telemedicine OR telecare OR telehealth OR e-health OR teleconsultation OR telemonitoring OR videoconferencing)


7150 hits – 81 included references retrieved

Navarese

Original search:

statins AND diabetes – 4132 hits – 5 included references retrieved

Improved search – 5536 hits – 5 included references retrieved


Novak [2]

Original search strategy:

adults AND ("home program" OR "home programme" OR "home exercise program") AND ("systematic review" OR "meta analysis" OR "randomized controlled trial" OR "clinical trial")

improved search strategy

4691 hits – 26 included references

**Gupta**

Original search: Fesoterodine AND overactive bladder AND muscarinic antagonists

The original search seems to contain a duplication of elements. Fesoterodine in the MeSH database is explicitely as “a muscarinic antagonist for treatment of overactive bladder”. The authors could have only searched for the word Fesoterodine, which only returns 113 hits.

Improved PubMed

(fesoterodine[nm] OR fesoterodine*[tiab])

– 113 hits – 12 included references retrieved

**Hardefeldt**

Original search

("thyroid disease" OR "hyperthyroid" OR "hypothyroid" OR "thyroiditis" OR "graves") AND ("breast disease" OR "breast carcinoma" OR "breast cancer" OR "Breast Diseases ")

222 hits- 18 includes retrieved

("Thyroid Diseases "[mh] OR Thyroid Disease*[tiab] OR goiter[tiab] OR hyperthyroid*[tiab]

2021 hits – 23 includes retrieved