**Suppl 1.** Search Terms

**Search Terms Used in Medline (Ovid)**

#1 - heart failure/or heart failure, diastolic/or heart failure, systolic/or ((cardiac or heart or myocardial)

adj2 (decomp\* or de-comp\* or dysfunction\* or fail\* or insuff\*)).mp. or cardiomyopath\*.mp.

#2 - polypharmacy/or (deprescrib\* or deprescript\* or polypharm\*).ti,ab,kw.

#3 - ((beer\* or mcleod? or shan? or stopp) adj3 (criter\* or list\*)).ti,ab,kw.

#4 - ((appropriat\* or concomitant\* or concurrent\* or discontinu\* or excess\* or inadvert\* or

inappropriat\* or incorrect\* or multip\* or sub\*optim\* or unnecessary) adj1 (drug\* or medicat\* or

medicine\* or prescrib\* or prescription\*)).ti,ab,kw.

#5 - 2 or 3 or 4

#6 - 1 and 5

**Search Terms Used in Embase (Elsevier)**

#1 - &#39;polypharmacy&#39;/exp OR &#39;polypharma\*&#39;:ab,kw,ti OR polypragmas\*:ab,kw,ti OR deprescrib\*:ab,kw,ti

OR &#39;de prescrib\*&#39;:ab,kw,ti OR deprescript\*:ab,kw,ti OR &#39;de prescript\*&#39;:ab,kw,ti

#2 - ((beer\* OR mcleod? OR shan? OR stopp) NEAR/3 (criter\* OR list\*)):ab,kw,ti

#3 - ((concomitant\* OR concurrent\* OR inappropriat\* OR appropriat\* OR suboptim\* OR sub‐optim\* OR

unnecessary OR incorrect\* OR excess\* OR multip\* OR inadvert\* OR discontinu\*) NEAR/1 (medicine? OR

medicat\* OR prescrib\* OR prescription\* OR drug\*)):ab,ti,kw

#4 - #1 OR #2 OR #3

#5 - &#39;heart failure&#39;/de OR &#39;diastolic dysfunction&#39;/exp OR &#39;systolic dysfunction&#39;/exp OR ((cardiac OR heart

OR myocardial) NEAR/3 (decomp\* OR &#39;de comp\*&#39; OR dysfunction\* OR fail\* OR insuff\*))

#6 - #4 AND #5

**Search Terms Used in CINAHL (EBSCO)**

S1 - (MH &quot;Heart Failure+&quot;) OR ((cardiac OR heart OR myocardial) n3 (decomp\* or de-comp\* OR fail\* or

insuff\*))

S2 - (MH &quot;Polypharmacy&quot;) OR ( de-prescrib\* OR de-prescrip\* OR deprescrib\* OR de-prescrip\* OR

polypharma\* OR polypragmas\*)

S3 - ((beer\* OR mcleod? OR shan? OR stopp) n3 (criter\* OR list\*))

S4 - ((concomitant\* OR concurrent\* OR inappropriat\* OR appropriat\* OR suboptim\* OR sub‐optim\* OR

unnecessary OR incorrect\* OR excess\* OR multip\* OR inadvert\* OR discontinu\*) n1 (medicine? OR

medicat\* OR prescrib\* OR prescription\* OR drug\*))

S5 - S2 OR S3 OR S4

S6 - S1 AND S5

**Search Terms Used in Cochrane Library**

#1 - MeSH descriptor: [Heart Failure] this term only

#2 - MeSH descriptor: [Heart Failure, Systolic] this term only

#3 - MeSH descriptor: [Heart Failure, Diastolic] this term only

#4 - ((cardiac or heart or myocardial) NEAR/2 (decomp\* or de-comp\* or dysfunction\* or fail\* OR insuff\*))

#5 - cardiomyopath\*

#6 - #1 OR #2 OR #4 OR #5

#7 - MeSH descriptor: [Polypharmacy] 1 tree(s) exploded

#8 - (deprescrib\* or deprescript\* or polypragmas\* or polypharm\*)

#9 - ((beer\* OR mcleod? OR shan? OR stopp) NEAR/3 (criter\* OR list\*))

#10 - ((concomitant\* OR concurrent\* OR inappropriat\* OR appropriat\* OR suboptim\* OR sub‐optim\* OR

unnecessary OR incorrect\* OR excess\* OR multip\* OR inadvert\* OR discontinu\*) NEAR/1 (medicine? OR

medicat\* OR prescrib\* OR prescription\* OR drug\*))

#11 - #7 OR #8 OR #9 OR #10

#12 - #6 AND #11