

## Appendix 2: Search strategy

### PubMed/Medline

#1 "Metoclopramide"[Mesh]

#2 (((((((((((Metoclopramide[Title/Abstract])) OR (Maxolon[Title/Abstract])) OR (Rimetin[Title/Abstract])) OR (Metoclopramide Hydrochloride[Title/Abstract])) OR (Hydrochloride, Metoclopramide[Title/Abstract])) OR (Metoclopramide Monohydrochloride[Title/Abstract])) OR (Monohydrochloride, Metoclopramide[Title/Abstract])) OR (Metoclopramide Monohydrochloride, Monohydrate[Title/Abstract])) OR (Primperan[Title/Abstract])) OR (Reglan[Title/Abstract])) OR (Cerucal[Title/Abstract])) OR (Metoclopramide Dihydrochloride[Title/Abstract])) OR (Dihydrochloride, Metoclopramide[Title/Abstract])

#3 #1OR#2

#4 Hiccup[MeSH Terms]

#5 (((Hiccups[Title/Abstract]) OR (Hiccough[Title/Abstract])) OR (Hiccoughs[Title/Abstract])) OR (singultus[Title/Abstract])

#6 #4OR#5

#7 (((Randomized controlled trial) OR (Controlled clinical trial)) OR (Randomized)) OR (Randomly) OR (Trial)

#8 #3AND#6AND#7

### Embase

('metoclopramide'/exp OR methoxybenzamide:ab,ti OR metaclopramide:ab,ti OR maxolon:ab,ti OR rimetin:ab,ti OR 'metoclopramide hydrochloride':ab,ti OR 'hydrochloride, metoclopramide':ab,ti OR 'metoclopramide monohydrochloride':ab,ti OR 'monohydrochloride, metoclopramide':ab,ti OR 'metoclopramide monohydrochloride, monohydrate':ab,ti OR primperan:ab,ti OR reglan:ab,ti OR cerucal:ab,ti OR 'metoclopramide dihydrochloride':ab,ti OR 'dihydrochloride, metoclopramide':ab,ti) AND ('hiccup'/exp OR hiccups:ab,ti OR hiccough:ab,ti OR hiccoughs:ab,ti OR singultus:ab,ti) AND ('randomized controlled trial':ab,ti OR 'controlled clinical trial':ab,ti OR randomized:ab,ti OR randomly:ab,ti OR trial:ab,ti)

### Cochrane Library

#1 (Metoclopramide) explode all trees OR (methoxybenzamide): ti, ab, kw OR (metoclopramide): ti, ab, kw OR (maxolon): ti, ab, kw OR (Rimetin): ti, ab, kw OR (Metoclopramide Hydrochloride): ti, ab, kw OR (metoclopramide monohydrochloride): ti, ab, kw OR (monohydrochloride, metoclopramide): ti, ab, kw OR (Metoclopramide Monohydrochloride, Monohydrate): ti, ab, kw OR (Primperan): ti, ab, kw OR (Reglan): ti, ab, kw OR (Cerucal): ti, ab, kw OR (Metoclopramide Dihydrochloride): ti, ab, kw OR (Dihydrochloride, Metoclopramide) : ti, ab, kw

#2 (Hiccup) explode all trees OR (Hiccups): ti, ab, kw OR (Hiccoughs): ti, ab, kw OR (singultus): ti, ab, kw

#3 (Randomized controlled trial) explode all trees OR (Controlled clinical trial): ti, ab, kw OR (Randomized): ti, ab, kw OR (Randomly): ti, ab, kw

### Web of Science

TS=((Metoclopramide OR methoxybenzamide OR metoclopramide OR maxolon OR Rimetin OR "Metoclopramide Hydrochloride" OR "metoclopramide monohydrochloride" OR

“monohydrochloride, metoclopramide” OR “Metoclopramide Monohydrochloride, Monohydrate” OR Primperan OR Reglan OR Cerucal OR “Metoclopramide Dihydrochloride” OR “Dihydrochloride, Metoclopramide”) AND TS=(hiccup OR hiccups OR hiccough OR hiccoughs OR singultus) AND TS=(“randomized controlled trial” OR “controlled clinical trial” OR randomized OR randomly OR trial))

### Wan-fang data

(主题:(甲氧氯普胺+胃复安+灭吐灵)+题名:(甲氧氯普胺+胃复安+灭吐灵))\*(主题:(呃逆+哕+打嗝)+题名:(呃逆+哕+打嗝))\*(主题:(随机对照试验+临床对照试验+随机的+随机地+对照+试验)+摘要:(随机对照试验+临床对照试验+随机的+随机地+对照+试验))

### VIP data

(M=甲氧氯普胺 OR 胃复安 OR 灭吐灵 OR R=甲氧氯普胺 OR 胃复安 OR 灭吐灵) AND (M=呃逆 OR 哕 OR 打嗝 OR R=呃逆 OR 哕 OR 打嗝) AND (M=随机对照试验 OR 临床对照试验 OR 随机的 OR 随机地 OR 对照 OR 试验 OR R=随机对照试验 OR 临床对照试验 OR 随机的 OR 随机地 OR 对照 OR 试验)

### CNKI

(SU=('甲氧氯普胺'+ '胃复安'+ '灭吐灵') OR TI=('甲氧氯普胺'+ '胃复安'+ '灭吐灵')) AND (SU=('呃逆'+ '哕'+ '打嗝') OR TI=('呃逆'+ '哕'+ '打嗝')) AND (SU=('随机对照试验'+ '临床对照试验'+ '随机的'+ '随机地'+ '对照'+ '试验') OR AB=('随机对照试验'+ '临床对照试验'+ '随机的'+ '随机地'+ '对照'+ '试验'))

### CBM data

#1 “甲氧氯普胺”(不加权:扩展) OR “甲氧氯普胺”(中文标题:智能) OR “胃复安”(不加权:扩展) OR “胃复安”(中文标题:智能) OR “灭吐灵”(不加权:扩展) OR “灭吐灵”(中文标题:智能)

#2 “呃逆”(不加权:扩展) OR “呃逆”(中文标题:智能) OR “哕”(不加权:扩展) OR “哕”(中文标题:智能) OR “打嗝”(不加权:扩展) OR “打嗝”(中文标题:智能)

#3 “随机对照试验”(不加权:扩展) OR “临床对照试验”(不加权:扩展) OR “随机地”(摘要:智能) OR “随机的”(摘要:智能) OR “对照”(摘要:智能) OR “试验”(摘要:智能)

#4 #1AND#2AND#3

**PROSPERO**

<https://www.crd.york.ac.uk/prospero/#recordDetails> ID=CRD42021293000