

# Appendix 2, Search log – Pain management during IUD insertion

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## Your research question

Are there any effective methods for pain management during insertion of an IUD, and is any method superior?

## Extract keywords (key concepts or key areas) from your research question – and identify variations, synonyms, related terms, abbreviations etc

Pain relief, Pain management, Analgesics, Analgesia,  
Intrauterine contraception (IUC), Intrauterine device (IUD), Intrauterine system (IUS),  
Intrauterine instillation, Intracervical administration  
Endometrium, Mucous membrane lining,

## Use the keywords to build searching-blocks (one block for each aspect of the search).

### Use OR within the block and AND between the blocks – Starting point for database searches

("Pain relief" or "pain management" or analge\*) and (insertion) and ("intrauterine device" or "intrauterine system" or IUD or IUS or IUC)

## In- and exclusion criteria (formal/context based)

Full text  
English  
Time span for publication 2000-2019

## Searches and results

Database: <b>Web of Science</b>  Date:	Search question (modified for this database)	Result	Comment
<b>180306</b>	TOPIC: ("Pain relief" or "pain management" or analge*) AND TOPIC: (insertion) AND TOPIC: (intrauterine device or intrauterine contraception or IUD or IUS or IUC)	41	Too few hits, remove insertion, add quotes, refine filters
<b>180306</b>	TOPIC: ("Pain relief" or "pain management" or analge*) AND TOPIC: ("intrauterine device" or "intrauterine contraception" or IUD or IUS or IUC)	58	Start screening
<b>191030</b>	TOPIC: ("Pain relief" or "pain management" or analge*) AND TOPIC: ("intrauterine device" or "intrauterine contraception" or IUD or IUS or IUC)	77	Start screening

## Try to find MeSH-terms for each building block (MeSH database, Swedish MeSH)

Analgesia  
 Analgesics  
 Intrauterine devices - IUD  
 Pain management

Database: <b>PubMed</b>  Date:	Search question (modified for this database)	Result	Comment

<b>180227</b>	("Pain relief" OR "pain management" OR analge*) AND ("intrauterine device" OR "intrauterine contraception" OR IUD OR IUS OR IUC) AND insertion	60	Relevant amount of hits, start screening
<b>191031</b>	("Pain relief" OR "pain management" OR analge*) AND ("intrauterine device" OR "intrauterine contraception" OR IUD OR IUS OR IUC) AND insertion	61	Start screening