Supplementary 1. Search strategies

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| Database | Search terms |
| PubMed | Search ((primary dysmenorrhea) OR (dysmenorrhea[Title/Abstract]) OR (dysmenorrhoea[Title/Abstract]) OR (menstrual disorder[Title/Abstract]) OR (Menstruation Disorders[Title/Abstract]) OR (menstrual pain[Title/Abstract]) OR (painful menstruation[Title/Abstract]) OR (painful period[Title/Abstract]) OR (cramps[Title/Abstract]) OR (primary dysmenorrhea[MeSH Terms])) AND ((Oriental medicine) OR (medicinal herb\*[Title/Abstract]) OR (herbal medicine[Title/Abstract]) OR (Plant Extracts[Title/Abstract]) OR (herbal\*[Title/Abstract]) OR (Herbal formula[Title/Abstract]) OR (TCM) OR (decoction[Title/Abstract]) OR (Chinese medicine[Title/Abstract]) OR (Kampo medicine[Title/Abstract]) OR (Kampo) OR (Traditional Korean medicine[Title/Abstract]) OR (Traditional medicine[Title/Abstract]) OR (Dangguijagyag-san) OR (Danggwijagyaksan) OR (Dangguijagyagsan) OR (Tokishakuyakusan) OR (Tokisyakuyakusanryo) OR (TJ-23) OR (Dang gui shao yao san)) |
| EMBASE | 1. primary AND ('dysmenorrhea'/exp OR dysmenorrhea)  2. (menstrua\* NEAR/3 disorder\*):ti,ab,kw  3. dysmenorrh\*:ti,ab,kw  4. (menstrual NEAR/3 pain\*):ti,ab,kw  5. (painful NEAR/3 menstr\*):ti,ab,kw  5. (painful NEAR/3 menstr\*):ti,ab,kw  6. 'painful period':ti,ab,kw  7. (menstrual NEAR/3 cramps):ti,ab,kw  8. #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7  9. 'oriental medicine':ti,ab,kw  10. (medicin\* NEAR/3 herb\*):ti,ab,kw  11. herbal\*:ti,ab,kw  12. tcm:ti,ab,kw  13. decoction:ti,ab,kw  14. 'chinese medicine':ti,ab,kw OR kampo:ti,ab,kw OR 'traditional korean medicine':ti,ab,kw OR ((traditional NEAR/3 medicine):ti,ab,kw)  15. 'dangguijagyag san':ti,ab,kw OR danggwijagyaksan:ti,ab,kw OR tokishakuyakusan\*:ti,ab,kw OR 'tj 23':ti,ab,kw OR 'dang gui shao yao san':ti,ab,kw  16. #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15  17. #8 AND #16 |
| CENTRAL | 1. primary dysmenorrhea  2. dysmenorrh\*  3. menstrua\* disorder\*  4. menstrual pain\*  5. (painful menstruation):ti,ab,kw (Word variations have been searched)  6. (painful period):ti,ab,kw (Word variations have been searched)  7. (menstrual cramp\*):ti,ab,kw (Word variations have been searched)  8. {OR #1-#7}  9. (Oriental medicine):ti,ab,kw (Word variations have been searched)  10. (medicin\* herb\*):ti,ab,kw (Word variations have been searched)  11. (Plant Extract\*):ti,ab,kw (Word variations have been searched)  12. (herbal\*):ti,ab,kw (Word variations have been searched)  13. (TCM):ti,ab,kw (Word variations have been searched)  14. (decoction):ti,ab,kw (Word variations have been searched)  15. (Chinese medicine):ti,ab,kw (Word variations have been searched)  16. (Kampo):ti,ab,kw (Word variations have been searched)  17. (Traditional Korean medicine):ti,ab,kw (Word variations have been searched)  18. (Traditional medicine):ti,ab,kw (Word variations have been searched)  19. (Dangguijagyag-san):ti,ab,kw (Word variations have been searched)  20. (Danggwijagyaksan):ti,ab,kw (Word variations have been searched)  21. (Tokishakuyakusan\*):ti,ab,kw (Word variations have been searched)  22. (TJ-23):ti,ab,kw (Word variations have been searched)  23. (Tokisyakuyakusan\*):ti,ab,kw (Word variations have been searched)  24. (Dangguishaoyaosan):ti,ab,kw (Word variations have been searched)  25. {OR #9-#24}  26. #8 AND #25 |
| CNKI | 1. 原发性痛经 OR 痛经 OR dysmenorrhea OR menstrual pain  2. 中药 OR 当归芍药散  3. #1 AND #2 (’结果中检索’ was used) |

CENTRAL = Cochrane Central Register of Controlled Trials, CNKI = China National Knowledge Infrastructure.