**Appendix 1. Systematic review search strategy**

The following table details the search strategy used for this systematic review. The databases searchedincluded PubMed, Embase, Web of Science, Popline, PsycINFO, Google Scholar, Scielo, & Redalyc. No date limits were imposed. Portuguese-language articles were excluded in Scielo & Redalyc. All searches were conducted on April 8, 2019.

|  |  |  |
| --- | --- | --- |
| **Database** | **Search strategy** | **Number of results** |
| PubMed | ((abortion[tiab] OR "Abortion, Induced"[Mesh] OR "Abortifacient Agents"[Mesh] OR misoprostol[tiab] OR mifepristone[tiab] OR "Misoprostol/administration and dosage"[Mesh] OR  "Misoprostol/supply and distribution"[Mesh] OR  "Misoprostol/therapeutic use"[Mesh] OR "Misoprostol"[Majr] OR cytotec[tiab] OR "menstrual regulation"[tiab] OR "Mifepristone/administration and dosage"[Mesh] OR  "Mifepristone/therapeutic use"[Mesh] OR "Mifepristone/supply and distribution"[Mesh] OR "Mifepristone/adverse effects"[Mesh] OR "Misoprostol/adverse effects"[Mesh] OR (pregnancy[tiab] AND terminat\*[tiab]))AND(self-management[tiab] OR self-managed[tiab] OR self-manage[tiab] OR self-manages[tiab] OR self-administer[tiab] OR self-administered[tiab] OR self-administers[tiab] OR self-administration[tiab] OR self-induce[tiab] OR self-induction[tiab] OR self-induced[tiab] OR self-induces[tiab] OR "at home"[tiab] OR "home use"[tiab] OR "home dosage"[tiab] OR "home administration"[tiab] OR "home misoprostol"[tiab] OR "home setting"[tiab] OR "home abortion"[tiab] OR "home abortions"[tiab]  OR self-sourced[tiab] OR self-source[tiab] OR self-sources[tiab] OR self-sourcing[tiab] OR telemedicine[tiab] OR "Telemedicine"[Mesh] OR plants[tiab] OR "other substances"[tiab] OR herb[tiab] OR herbs[tiab] OR clandestine[tiab] OR "legally restricted"[tiab] OR Self Administration[Majr]))NOT(wheat[tiab] OR pollen[tiab] OR pollination[tiab] OR "fruit abortion"[tiab] OR "seed abortion"[tiab]) | 1413 |
| Embase | ((abortion:ab,ti OR 'induced abortion'/exp OR misoprostol:ab,ti OR mifepristone:ab,ti  OR 'mifepristone'/exp OR 'misoprostol'/exp OR (pregnancy:ab,ti AND terminat\*:ab,ti))AND(self-management:ab,ti OR self-managed:ab,ti OR self-manage:ab,ti OR self-manages:ab,ti OR self-administer:ab,ti OR self-administered:ab,ti OR self-administers:ab,ti OR self-administration:ab,ti OR self-induce:ab,ti OR self-induction:ab,ti OR self-induced:ab,ti OR self-induces:ab,ti OR "at home":ab,ti OR "home use":ab,ti OR "home dosage":ab,ti OR "home administration":ab,ti OR "home misoprostol":ab,ti OR "home setting":ab,ti OR "home abortion":ab,ti OR "home abortions":ab,ti OR self-sourced:ab,ti OR self-source:ab,ti OR self-sources:ab,ti OR self-sourcing:ab,ti OR telemedicine:ab,ti OR 'telemedicine'/exp OR plants:ab,ti OR "other substances":ab,ti OR herb:ab,ti OR herbs:ab,ti OR clandestine:ab,ti OR "legally restricted":ab,ti OR 'drug self administration'/exp/mj))NOT(wheat:ab,ti OR pollen:ab,ti OR pollination:ab,ti OR "fruit abortion":ab,ti OR "seed abortion":ab,ti) | 1748 |
| Web of Science | (abortion OR misoprostol OR mifepristone OR (pregnancy AND terminat\*))AND(self-management OR self-managed OR self-manage OR self-manages OR self-administer OR self-administered OR self-administers OR self-administration OR self-induce OR self-induction OR self-induced OR self-induces OR "at home" OR "home use" OR "home dosage" OR "home administration" OR "home misoprostol" OR "home setting" OR "home abortion" OR "home abortions" OR self-sourced OR self-source OR self-sources OR self-sourcing OR telemedicine OR plants OR "other substances" OR herb OR herbs OR clandestine OR "legally restricted")NOT(wheat OR pollen OR pollination OR "fruit abortion" OR "seed abortion") | 2019 |
| PsycINFO | (MAINSUBJECT.EXACT("Induced Abortion") OR ab(abortion OR misoprostol OR mifepristone OR (pregnancy AND terminat\*)))AND(MJMAINSUBJECT.EXACT("Drug Self Administration") OR ab(self-management OR self-managed OR self-manage OR self-manages OR self-administer OR self-administered OR self-administers OR self-administration OR self-induce OR self-induction OR self-induced OR self-induces OR "at home" OR "home use" OR "home dosage" OR "home administration" OR "home misoprostol" OR "home setting" OR "home abortion" OR "home abortions" OR self-sourced OR self-source OR self-sources OR self-sourcing OR telemedicine OR plants OR "other substances" OR herb OR herbs OR clandestine OR "legally restricted")) | 128 |
| Popline | (abortion OR misoprostol OR mifepristone OR (pregnancy AND terminat\*))AND(self-management OR self-managed OR self-manage OR self-manages OR self-administer OR self-administered OR self-administers OR self-administration OR self-induce OR self-induction OR self-induced OR self-induces OR "at home" OR "home use" OR "home dosage" OR "home administration" OR "home misoprostol" OR "home setting" OR "home abortion" OR "home abortions" OR self-sourced OR self-source OR self-sources OR self-sourcing OR telemedicine OR plants OR "other substances" OR herb OR herbs OR clandestine OR "legally restricted") | 791 |
| Google Scholar | (abortion OR "pregnancy termination" OR "termination of pregnancy") AND (self-manage OR self-managed OR self-manages OR self-administer OR self-administers OR self-administered OR self-administration OR herbs OR self-induced OR self-induces OR self-sourced) | 200 |
| Scielo | "aborto autoinducido" OR "aborto con pastillas" OR "aborto con medicamentos" OR "aborto fuera de la clinica" OR "aborto en casa" OR "hierbas para aborto" OR "aborto sin asistencia médica" OR "auto-gestionar un aborto" OR "hacerse un aborto" OR  "aborto clandestino" OR cytotec OR misoprostol OR "aborto médico" OR "aborto ilegal" OR "aborto inseguro" | 169 |
| Redalyc | "aborto autoinducido" OR "aborto con pastillas" OR "aborto con medicamentos" OR "aborto fuera de la clinica" OR "aborto en casa" OR "hierbas para aborto" OR "aborto sin asistencia médica" OR "auto-gestionar un aborto" OR "hacerse un aborto" OR  "aborto clandestino" OR cytotec OR misoprostol OR "aborto médico" OR "aborto ilegal" OR "aborto inseguro" | 699 |
| Total number of articles |  | 7167 |
| Total number of duplicates |  | 2480 |
| **Total after de-duplication** |  | **4687** |