Supplementary Table 1. The detail of detection strategies for each database

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| --- | --- | --- |
| Database | Detection strategies | Results |
| Pubmed | ((((Endometriosis) OR (Endometrioses)) OR (Endometrioma)) OR (Endometriomas)) AND ((((((((((((Indocyanine Green) OR (Wofaverdin)) OR (Green, Indocyanine)) OR (Vophaverdin)) OR (Cardio-Green)) OR (Vofaverdin)) OR (Ujoveridin)) OR (ICG)) OR (Cardiogreen)) OR (Cardio Green)) OR (fluorescence)) OR (Near-Infrared)) | 430 |
| Embase | #1'endometriosis'/exp OR 'endometriosis' OR 'endometrioses' OR 'endometrioma'/exp OR 'endometrioma'  #2'indocyanine green' OR 'green, indocyanine' OR 'cardio-green' OR 'icg' OR 'cardio green' OR 'fluorescence' OR 'near-infrared' OR 'vanheerden'  #3 #1 AND #2 | 696 |
| Web of sciences | #1 (((TS=(Endometriosis)) OR TS=(Endometrioses)) OR TS=(Endometrioma)) OR TS=(Endometriomas) and Preprint Citation Index  #2 (((((((((((TS=(Indocyanine Green)) OR TS=(Wofaverdin)) OR TS=(Green, Indocyanine)) OR TS=(Vophaverdin)) OR TS=(Cardio-Green)) OR TS=(Vofaverdin)) OR TS=(Ujoveridin)) OR TS=(ICG)) OR TS=(Cardiogreen)) OR TS=(Cardio Green)) OR TS=(fluorescence)) OR TS=(Near-Infrared) and Preprint Citation Index  #3 #1 AND #2 | 497 |
| Clinical Trials | ‘Endometriosis’ and ‘Indocyanine Green’ | 12 |
| Cochrane Library | #1 Endometriosis 3321  #2 MeSH descriptor: [Endometriosis] explode all trees 1256  #3 MeSH descriptor: [Indocyanine Green] explode all trees 389  #4 #2 or #1 3321  #5 #3 and #4 1  #6 #2 and #3 1 | 1 |
| CNKI | (主题：子宫内膜异位症 + ‘子宫内膜异位症（ems）’+ ‘子宫内膜异位症（em）’+ ‘子宫内膜异位症（emt）’) AND (主题：吲哚箐绿 + 吲哚青绿 + 荧光) | 194 |
| Wanfang | (主题：子宫内膜异位症 + ‘子宫内膜异位症（ems）’+ ‘子宫内膜异位症（em）’+ ‘子宫内膜异位症（emt）’) AND (主题：吲哚箐绿 + 吲哚青绿 + 荧光) | 496 |
| BIOSIS Previews | #1 (((TS=(Endometriosis)) OR TS=(Endometrioses)) OR TS=(Endometrioma)) OR TS=(Endometriomas) and Preprint Citation Index  #2 (((((((((((TS=(Indocyanine Green)) OR TS=(Wofaverdin)) OR TS=(Green, Indocyanine)) OR TS=(Vophaverdin)) OR TS=(Cardio-Green)) OR TS=(Vofaverdin)) OR TS=(Ujoveridin)) OR TS=(ICG)) OR TS=(Cardiogreen)) OR TS=(Cardio Green)) OR TS=(fluorescence)) OR TS=(Near-Infrared) and Preprint Citation Index  #3 #1 AND #2 | 150 |