**Appendix 1:** search strategy and number of hits for each cluster

**-> Supplemental Digital Content**

|  |  |  |  |
| --- | --- | --- | --- |
| **CLUSTER** | **date** **searched** | **database** | **hits** |
| 1. **organization and**

 **patient information** | April 18, 2016April 21, 2016April 21, 2016April 21, 2016 | EmbaseCochrane LibraryPubMedMedline | **2,263****2.164****833****209** |
| 1. **clinical conditions**
 | May 19, 2016May 19, 2016May 19, 2016May 19, 2016 | EmbaseCochrane LibraryPubMedMedline | **9,541****7,278****1,847****802** |
| 1. **concurrent medication**
 | April 26, 2016April 28, 2016April 28, 2016April 29, 2016 | EmbaseCochrane LibraryPubMedMedline | **2,303** **1,895****367** **99** |
| 1. **airway management**
 | May 18, 2016May 18, 2016May 18, 2016May 18, 2016 | EmbaseCochrane LibraryPubMedMedline | **2,058****629****1,984** **159** |
| 1. **indices and biomarkers**
 | April 15, 2016April 21, 2016April 28, 2016April 26, 2016 | EmbaseCochrane LibraryPubMedMedline | **4,867****2,300****881** **85** |
| 1. **PONV**
 | April 21, 2016April 21, 2016April 26, 2016April 26, 2016 | EmbaseCochrane LibraryPubMedMedline | **901****1,135****39** **807** |

PONV = postoperative nausea and vomiting