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

**-> Supplemental Digital Content**

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

PONV = postoperative nausea and vomiting