**APPENDIX 1**: Research Strategy

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| # | Strategy |
| 1 | hospitalized [tiab] |
| 2 | high-risk [tiab] |
| 3 | "high risk" [tiab] |
| 4 | "at risk" [tiab] |
| 5 | surgical [tiab] |
| 6 | 1 or 2 or 3 or 4 or 5 |
| 7 | patients [tiab] |
| 8 | inpatient [tiab] |
| 9 | inpatients [tiab] |
| 10 | **7 or 8 or 9** |
| 11 | venous thrombosis [mesh] |
| 12 | "vein thrombosis" [tiab] |
| 13 | DVT [tiab] |
| 14 | "deep vein thrombosis" [tiab] |
| 15 | "deep venous thrombosis" [tiab] |
| 16 | VTE [tiab] |
| 17 | "venous thromboembolism" [tiab] |
| 18 | PE [tiab] |
| 19 | "pulmonary embolism" [tiab] |
| 20 | "blood clot" [tiab] |
| 21 | phlebitis [tiab] |
| 22 | clot [tiab] |
| 23 | thrombosis [tiab] |
| 24 | thrombus [tiab] |
| 25 | phlebothrombosis [tiab] |
| 26 | emboli [tiab] |
| 27 | embolism [tiab] |
| 28 | anticoagulant [tiab] |
| 29 | **11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28** |
| 30 | prophylaxis [tiab] |
| 31 | prevention [tiab] |
| 32 | reduction [tiab] |
| 33 | decrease [tiab] |
| 34 | diminish [tiab] |
| 35 | prophylactic [tiab] |
| 36 | preventative [tiab] |
| 37 | prevent [tiab] |
| 38 | **30 or 31 or 32 or 33 or 34 or 35 or 36 or 37** |
| 39 | adherence [tiab] |
| 40 | compliance [tiab] |
| 41 | guidelines [tiab] |
| 42 | thromboprophylaxis [tiab] |
| 43 | **((39 or 40) AND 41) or 42** |
| 44 | **6 AND 10 and 29 and 38 and 43, english only, abstract available, adults, 2003-2016** |
| mesh: medical subject heading.  tiab: title/abstract | |