

Supplemental Table 1. Electronic search strategies (last done on 12/14/2017)

EMBASE (via Elsevier):

- 'neoplasm'/exp
- 'malignan*':ti,ab OR 'neoplasm*':ti,ab OR 'cancer*':ti,ab OR 'carcinoma*':ti,ab OR 'adenocarcinoma*':ti,ab OR 'tumour*':ti,ab OR 'tumor*':ti,ab
- 'venous thromboembolism'/exp OR 'venous thrombosis'/exp
- 'venous thrombo*':ti,ab OR 'VTE*':ti,ab
- 'blood clotting factor 10a inhibitor'/exp OR 'dabigatran'/exp
- 'apixaban*':ti,ab OR 'betrixaban*':ti,ab OR 'edoxaban*':ti,ab OR 'rivaroxaban*':ti,ab OR 'dabigatran*':ti,ab OR 'ximelagatran*':ti,ab
- 'low molecular weight heparin'/exp
- 'enoxaparin*':ti,ab OR 'dalteparin*':ti,ab OR 'tinzaparin*':ti,ab OR 'nadroparin*':ti,ab OR 'LMWH*':ti,ab
- [2007-2017]/py AND [humans]/lim AND ([adult]/lim OR [aged]/lim) AND ([embase]/lim OR [medline]/lim)
- (#1 OR #2) AND (#3 OR #4) AND (#5 OR #6) AND (#7 OR #8) AND (#9)

MEDLINE (via PubMed):

- neoplasms[mesh]
- malignan*[tiab] OR neoplasm*[tiab] OR cancer*[tiab] OR carcinoma*[tiab] OR adenocarcinoma*[tiab] OR tumour*[tiab] OR tumor*[tiab]
- venous thromboembolism[mesh] OR venous thrombosis[mesh]
- venous thrombo*[tiab] OR VTE*[tiab]
- factor xa inhibitors[Mesh] OR dabigatran[mesh]
- apixaban*[tiab] OR betrixaban*[tiab] OR edoxaban*[tiab] OR rivaroxaban*[tiab] OR dabigatran*[tiab] OR ximelagatran*[tiab]
- heparin, low-molecular-weight[mesh]
- Enoxaparin*[tiab] OR dalteparin*[tiab] OR tinzaparin*[tiab] OR nadroparin*[tiab] OR LMWH*[tiab]
- "2007/01/01"[pdat]:"2017/12/31"[pdat]
- (#1 OR #2) AND (#3 OR #4) AND (#5 OR #6) AND (#7 OR #8) AND (#9)

CENTRAL (via Cochrane):

- MeSH descriptor: [Neoplasms] explode all trees
- 'malignan*' OR 'neoplasm*' OR 'cancer*' OR 'carcinoma*' OR 'adenocarcinoma*' OR 'tumour*' OR 'tumor*'
- MeSH descriptor: [Venous Thromboembolism] explode all trees
- MeSH descriptor: [Venous Thrombosis] explode all trees
- 'venous thrombo*' OR 'VTE*'
- MeSH descriptor: [Factor Xa Inhibitors] explode all trees
- MeSH descriptor: [Dabigatran] explode all trees
- 'apixaban*' OR 'betrixaban*' OR 'edoxaban*' OR 'rivaroxaban*' OR 'dabigatran*' OR 'ximelagatran*'
- MeSH descriptor: [Heparin, Low-Molecular-Weight] explode all trees
- 'enoxaparin*' OR 'dalteparin*' OR 'tinzaparin*' OR 'nadroparin*' OR 'LMWH*'
- (#1 OR #2) AND (#3 OR #4 OR #5) AND (#6 OR #7 OR #8) AND (#9 OR #10)
[Publication Year from 2007 to 2017]