Appendix 1. ICD-10 codes used to identify efficacy and bleeding events

| Study Criteria | ICD-10 Code | Definition of Code | | |
|--|-------------|---|--|--|
| Bleeding in a critical organ or site | l60 | Subarachnoid hemorrhage | | |
| | l61 | Intracerebral hemorrhage | | |
| | l62 | Other nontraumatic intracranial hemorrhage | | |
| | K66.1 | Hemoperitoneum | | |
| | G95.1 | Vascular myelopathies | | |
| | H44.8 | Other disorders of globe | | |
| Ischemic stroke | l63 | Cerebral infarction | | |
| | 164 | Stroke, not specified as hemorrhage or infarction | | |
| Systemic embolism or venous thromboembolic event | l26 | Pulmonary embolism | | |
| | 180 | Phlebitis and thrombophlebitis | | |
| | 182 | Other venous embolism and thrombosis | | |

ICD-10 = International Statistical Classification of Diseases and Related Health Problems, 10th revision.

Appendix 2. Risk factor analysis of inappropriate prescribing

| Risk Factor | Univariate | | Multivariate | |
|---|------------|---------|--------------|---------|
| | OR | p Value | OR | p Value |
| Prescribing service | | | | |
| Orthopedics/short-term rehabilitation ($n = 201$) | Ref | Ref | Ref | Ref |
| Medicine/cardiology/thrombosis ($n = 78$) | 1.38 | 0.28 | 1.16 | 0.64 |
| Other $(n = 42)$ | 2.33 | 0.02 | 2.09 | 0.04 |
| Sex, male | 1.63 | 0.05 | 1.48 | 0.15 |
| Age* | 0.99 | 0.42 | _ | _ |
| Medication* | 0.79 | 0.36 | _ | _ |
| New start or continuation* | 1.38 | 0.24 | _ | _ |
| | | | | |

Supplementary material for Chowdhry U, Jacques A, Karovitch A, Giguère P, Nguyen ML. Appropriateness of dabigatran and rivaroxaban prescribing for hospital inpatients. Can J Hosp Pharm. 2016;69(3):194-201.

OR = odds ratio.
*Not included in the multivariate analysis because of a lack of statistical significance in univariate analysis.