**Appendix table 2.** Post-marketing surveillance of serious adverse effects associated with rivaroxaban

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Drug** | **Number of reports** | **Adverse events** | **Reports by gender** | **Reports by age** |
| [Rivaroxaban](https://www.pharmapendium.com/redirect.html?search=/browse/drugs/Rivaroxaban) | 92,562 | Gastrointestinal hemorrhage (17,119),  Hemorrhage (4727),  Internal hemorrhage (4251),  Epistaxis (3616),  Rectal hemorrhage (3553),  Pulmonary embolism (3349),  Cerebrovascular accident (3121),  Deep vein thrombosis (3040),  Hematuria (2886),  Anemia (2653),  Death (2308),  Cerebral hemorrhage (2301),  Upper gastrointestinal hemorrhage (2300),  Drug ineffective (2035),  Adverse event (1895),  Acute kidney injury (1833),  Thrombosis (1818),  Hemorrhage, intracranial (1613),  Hemoglobin, decreased (1574),  Hematoma (1562) | Female (39,174),  Male (38,433) | 20+ (58,235),  <20 (164) |
| [Edoxaban tosylate](https://www.pharmapendium.com/redirect.html?search=/browse/drugs/Edoxaban%20Tosylate) | 1625 | Cerebral infarction (100),  Gastrointestinal hemorrhage (84),  Cerebrovascular accident (69),  Epistaxis (62),  Hemorrhage (53),  Hematuria (52),  Anemia (41),  Dizziness (37),  Embolic stroke (37),  Nausea (36),  Rash (36),  Death (29),  Dyspnea (29),  Headache (29),  Contusion (28),  Melena (28),  Pulmonary embolism (28),  Renal impairment (28),  Hemoglobin, decreased (26),  Pneumonia (23) | Female (269),  Male (254) | 20+ (258) |
| [Apixaban](https://www.pharmapendium.com/redirect.html?search=/browse/drugs/Apixaban) | 30,666 | Death (1850),  Hemorrhage (1648),  Gastrointestinal hemorrhage (1365),  Cerebrovascular accident (1109),  Dizziness (882),  Epistaxis (768),  Adverse event (732),  Dyspnea (698),  Atrial fibrillation (688),  Headache (682),  Contusion (636),  Rash (630),  Cerebral hemorrhage (609),  Fatigue (564),  Anemia (559),  Pruritus (510),  Arthralgia (480),  Thrombosis (472),  Pulmonary embolism (461),  Diarrhea (460) | Female (13,811),  Male (13,130) | 20+ (15,305),  <20 (24) |
| [Dabigatran etexilate mesylate](https://www.pharmapendium.com/redirect.html?search=/browse/drugs/Dabigatran%20Etexilate%20Mesylate) | 90,112 | Gastrointestinal hemorrhage (8740),  Hemorrhage (4230),  Dizziness (3452),  Cerebrovascular accident (3421),  Hypotension (3238),  Death (3204),  International normalized ratio, increased (3080),  Anemia (2929),  Dyspnea (2808),  Fatigue (2158),  Rectal hemorrhage (2072),  Acute kidney injury (2061),  Nausea (1993),  Asthenia (1965),  Diarrhea (1884),  Contusion (1874),  Dyspepsia (1842),  Headache (1646),  Malaise (1524),  Epistaxis (1472) | Male (44,435),  Female (35,447) | 20+ (52,554),  <20 (481) |

Data from a search of Elsevier PharmaPendium, exported August 3, 2018.