

Supplementary table 1:ICD-10 codelist for VTE

I260	Pulmonary embolism with mention of acute cor pulmonale
I269	Pulmonary embolism without mention of acute cor pulmonale
I801	Phlebitis and thrombophlebitis of femoral vein
I802	Phlebitis and thrombophlebitis of other deep vessels of lower extremities
I803	Phlebitis and thrombophlebitis of lower extremities, unspecified
I808	Phlebitis and thrombophlebitis of other sites
I809	Phlebitis and thrombophlebitis of unspecified site
I820	Budd-Chiari syndrome
I821	Thrombophlebitis migrans
I822	Embolism and thrombosis of vena cava
I823	Embolism and thrombosis of renal vein
I828	Embolism and thrombosis of other specified veins
I829	Embolism and thrombosis of unspecified vein
O082	Embolism following abortion and ectopic and molar pregnancy
O223	Deep phlebothrombosis in pregnancy
O871	Deep phlebothrombosis in the puerperium
O882	Obstetric blood-clot embolism
I81	Portal vein thrombosis

Supplementary table 2: Anticoagulants ATC codes

ATC codes	Description
B01AA03	Warfarin
B01AA04	Fenpropakumon
B01AA07	Acenokumarol
B01AB01	Heparin
B01AB02	Antitrombin III
B01AB04	Dalteparin
B01AB05	Enoxaparin
B01AB09	Danaparoid
B01AB10	Tinzaparin
B01AC	Platlet aggregation inhibitor
B01AC04	Clopidogrel
B01AC05	Ticlopidine
B01AC06	Aspirin
B01AC07	Dipyridamole
B01AC09	Epoprostenol
B01AC11	Iloprost
B01AC21	Treprostinil
B01AC22	Prasugrel
B01AC24	Tikagrelor
B01AC30	Antiplatelet agents
B01AD01	Streptokinase
B01AD02	Alteplase
B01AD10	Drotrekogin
B01AE05	Ximelagatran
B01AE07	Dabigatran
B01AF01	Rivaroxaban
B01AX05	Fondaparinux

Supplementary table 3: Confirmation of cases based on VTE type and position of diagnosis

Parameters	Anticoagulant prescriptions confirmed diagnosis by source of diagnosis	
	Inpatient Numbers (%)	Outpatient Numbers (%)
VTE diagnostic code		
Pulmonary embolism (ICD 10: 0882, I269, I260) (ICD 9: 415, 673)	470 (94.4)	93 (52.0)
Deep vein thrombosis (ICD 10: I801, I828, I829, O223, I822, I820, I802, I81, O082, I823, O871) (ICD 9:452, 453)	467 (94.0)	622 (66.7)
Thrombophlebitis (ICD 10: I809, I821, I808, I803) (ICD 9: 451, 671)	41 (51.2)	307 (45.4)
Position of diagnosis		
Main diagnosis	738 (94.9)	93 (52.0)
First secondary diagnosis	123 (88.5)	622 (66.7)
Second diagnosis	117 (74.1)	307 (45.4)