

Table S1. Search strategies.

A. PubMed search strategy

Query	Search terms
#1	tumor OR cancer OR malignancy OR neoplasm OR carcinoma
#2	rivaroxaban OR apixaban OR edoxaban OR factor Xa inhibitor OR anticoagulation OR factor IIa inhibitor OR dabigatran OR direct oral anticoagulants OR DOAC OR DOACs OR new oral anticoagulants OR NOAC OR NOACs OR warfarin OR vitamin K antagonist OR VKA OR VKAs OR heparin OR dalteparin OR enoxaparin OR fondaparinux OR un-fractionated heparin OR UFH OR low molecular weight heparin OR LMWH
#3	blood clots OR thrombosis OR embolism OR thromboembolism OR venous thromboembolism OR venous thromboembolic disease OR VTE OR pulmonary embolism OR PE OR deep vein thrombosis OR DVT OR superficial vein thrombosis OR SVT OR splanchnic vein thrombosis OR SPVT OR central venous catheter related thrombosis
#4	random OR randomized OR control OR controlled OR randomized controlled trial OR RCT
#5	#1 AND #2 AND #3 AND #4

B. Web of Science search strategy

Query	Search terms
#1	tumor OR cancer OR malignancy OR neoplasm OR carcinoma
#2	rivaroxaban OR apixaban OR edoxaban OR factor Xa inhibitor OR anticoagulation OR factor IIa inhibitor OR dabigatran OR direct oral anticoagulants OR DOAC OR DOACs OR new oral anticoagulants OR NOAC OR NOACs OR warfarin OR vitamin K antagonist OR VKA OR VKAs OR heparin OR dalteparin OR enoxaparin OR fondaparinux OR un-fractionated heparin OR UFH OR low molecular weight heparin OR LMWH
#3	blood clots OR thrombosis OR embolism OR thromboembolism OR venous thromboembolism OR venous thromboembolic disease OR VTE OR pulmonary embolism OR PE OR deep vein thrombosis OR DVT OR superficial vein thrombosis OR SVT OR splanchnic vein thrombosis OR SPVT OR central venous catheter related thrombosis
#4	random OR randomized OR control OR controlled OR randomized controlled trial OR RCT
#5	#1 AND #2 AND #3 AND #4

C. Cochrane Central Register of Controlled Trials search strategy

Query	Search terms
#1	tumor
#2	rivaroxaban
#3	thromboembolism
#4	randomized controlled trial
#5	#1 AND #2 AND #3 AND #4

Note: In this search, #1, #2, #3, and #4 were searched with corresponding Medical Subject Heading terms.

D. Embase search strategy

Query	Search terms
#1	tumor
#2	rivaroxaban
#3	thromboembolism
#4	randomized controlled trial
#5	#1 AND #2 AND #3 AND #4

Note: In this search, #1, #2, #3, and #4 were searched with corresponding Medical Subject Heading terms.

E. China National Knowledge Infrastructure search strategy

Query	Search terms
#1	肿瘤
#2	利伐沙班
#3	血栓
#4	随机对照试验
#5	#1 AND #2 AND #3 AND #4
