

Supplementary material: Search strategy

Ovid MEDLINE and Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations were searched using the following strategy:

1. Atrial fibrillation/
2. (((atrial or atrium or auricular or heart) adj1 fibrillation*) or (a-fib or afib)).ti,ab.
3. 1 or 2
4. Warfarin/ or ("2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-" or "4-hydroxy-3-(3-oxo-1-phenylbutyl)-2h-1-benzopyran-2-one" or warfarin or warfant or (warfarin adj sodium) or (warfarin adj potassium) or apo-warfarin or gen-warfarin or tedicumar or "1 (4' hydroxy 3' coumarinyl) 1 phenyl 3 butanone" or "3 (alpha acetylbenzyl) 4 hydroxycoumarin" or "3 acetylbenzoyl 4 hydroxy coumarinedimethylaminoethanol" or "3 alpha phenyl beta acetyethyl 4 hydroxycoumarin" or acetylbenzylhydroxycoumarin or adoisine or aldocumar or "alpha acetylbenzyl 4 hydroxycoumarin dimethylaminoethanol" or "antrombin k" or athrombin or "athrombine k" or athrombinek or befarin or carfin or circuvit or "compound 42" or coumadan or coumadin or coumadine or coumafene or coumaphene or dagonal or farin or jantoven or kumatox or maforan or marevan or orfarin or panwarfarin or panwarfin prothromadin or "simarc-2 sodium warfarinum" or sofarin or tintorane or uniwarfin or wafarin or waran or warf compound 42 or warfar or "warfarin 2 (dimethylamino)ethanol" or warfarine or warfarinum sodium or "warfil 5" or warfilone or warnerin).ti,ot,ab,sh,rn,hw,nm.
5. Phenprocoumon/ or ("2H-1-Benzopyran-2-one, 4-hydroxy-3-(1-phenylpropyl)-" or phenprogramma or phenprocoumalol or phenylpropylhydroxycoumarinum or phenprocoumarol or phenprocoumon or "3 (1 phenylpropyl) 4 hydroxycoumarin" or "3 (alpha ethylbenzyl) 4 hydroxycoumarin" or "4 hydroxy 3 (1 phenylpropyl)coumarin" or falithrom or falithrome or fenprocoumon or liquamar or marcoumar or marcumar or phenprocouman or phenprocoumarol or phenprocoumom or phenprocoumarol or phenylpropylhydroxycoumarin or phenylpropylhydroxycoumarin).ti,ot,ab,sh,rn,hw,nm.
6. Acenocoumarol/ or ("2H-1-Benzopyran-2-one, 4-hydroxy-3-(1-(4-nitrophenyl)-3-oxobutyl)-" or acenocoumarol or minisintrom or mini sintrom or mini-sintrom or synthrom or "3 (alpha acetyl para nitrobenzyl) 4 hydroxycoumarin" or "3 (alpha para nitrophenyl beta acetyethyl) 4 hydroxycoumarin" or "3 [2 acetyl 1 (para nitrophenyl)ethyl] 4 hydroxycoumarin" or "3 [alpha (4 nitrophenyl) beta acetyethyl] 4 hydroxycoumarin" or "3alpha (4 nitrophenyl) beta (acetyethyl) 4 oxycoumarine" or acenocoumarin or acenocoumarine or acenocoumarole or

acenocoumarolum or acenocumarol or acenocumarolo or acenocumerol or acenokumarin or acitrom or "coumarin g 23350" or "g 23,350" or g23350 or g23,350 or g2335 or g23350 or neo sintrom or neosintrom or neositron or nicoumalone or nicumalon or nitrovarfarian or nitrowarfarin or sincoumar or sincumar or sinkumar or sinthrom or sinthrome or sintrom or sintroma or sintron or syncoumar or syncumar or syntrom or trombostop or zotil).ti,ot,ab,sh,rn,hw,nm.

7. Aspirin/ or ("Benzoic acid, 2-(acetyloxy)-" or "2-(acetyloxy)benzoic acid" or (acid adj acetylsalicylic) or aloxiprimum or dispril or magnecyl or polopirin or solprin or solupsan or "2 acetoxybenzoate" or "2 acetoxybenzoic acid" or bayer or acenterine or acesal or acetan or acetard or aceticil or aceticyl or acetilum or acetonyl or acetophen or acetosal or acetosalicylic acid or acetosalin or acetosalum or acetyl salicylate or acetyl salicylic acid or acetylic salicylic acid or acetylin or acetylo or acetylo salicylic acid or acetylon or acetylosalicylic acid or acetylsal or acetylsalicylic acid or acetylsalicyl or acetylsalicylate or acetylsalicycic acid or acetylsalicylic acid or acetysal or acidulatum or acidum acetyl salicylicum or acidum acetylosalicylicum or acidum acetylsalicylicum or actorin or acylpyrin or acylpyrine or acytosal or adiro or alabukun or alasil or albyl-e or alka seltzer or alkaspirin or anasprin or anopyrin or ansin or anthrom or aptor or arthralgyl or ASA or asaflo or asaphen or asapor or asatard or asawin or aspec or aspent or aspergum or aspey or aspilets or aspirem or aspirgran or aspirin or aspirina or aspirine or aspirinine or aspirisucre or aspisol or aspo cid or aspro or aspro cardio or aspro clear or asrina or asrivo or asta or asteric or asteric acid or astrix or bayaspirina or bayer or bebesan or biprin or bokey or boxazin or breoprin or bufferin or cafenol or caprin or cardioaspirina or caspirin or catalgine or catalgix or cemerit or cemirit or claradin or claragine or colfarit or comoprin or contrheuma or daga or darosal or dispirin or dolean or dusil or easprin or ecasil or ecosprin or ecotrin or egalgic or emocin or empirin or encaprin or encine em or endosprin or entaprin or entericin or enteroprin or enterosarine or enterospirine or entrophen or eskotrin or euthermine or extren or genasprin or globentyl or godamed or gotosan or helicon or idotyl or infatabs a or istopirin or istopyrine or ivepirine or juvepirine or keypo or kilios or kinderaspirin or mcn r 358 or measurin or mejoral or melabon or micristin or micropyrin or mikristin or miniasal or mycristin or naspro or novasen or nu seal or nu-seals or nuseals or ortho acetoxybenzoate or ortho acetoxybenzoic acid or ortho acetyloxybenzoate or ortho acetyloxybenzoic acid or ostoprin or pancemol or paracin or paynocil or pengo or platet 300 cleartab or plewin or polopiryna or premaspin or primaspan or proprin or pyronoval or reumyl or rhodine or rhonal or ronal or salacetin or salacetogen or saletin or salisalido or sargepirine or sodium acetylsalicylate or sodium bicarbonate acetyl salicylate or sodium bicarbonate acetylsalicylate or soldral or solpyron or solucetyl or solupsa or spren or super tru or tapal or temagin or tevapirin or "th 2152" or thrombo-aspilets or treupahlin or treuphalin or tromalyt or tromcor or turivital or verin or vitalink or xaxa or ysp aspirin or zero-order

- release or zorprin).ti,ot,ab,sh,rn,hw,nm.
8. (Apixaban or "1 (4 methoxyphenyl) 7 oxo 6 [4 (2 oxopiperidin 1 yl)phenyl] 4,5,6,7 tetrahydro 1h pyrazolo[3,4 c]pyridine 3 carboxamide" or "4,5,6,7 tetrahydro 1 (4 methoxyphenyl) 7 oxo 6 [4 (2 oxo 1 piperidinyl)phenyl] 1h pyrazolo[3,4 c]pyridine 3 carboxamide" or "bms 562247" or "bms 562247 01" or "bms562247" or "bms562247 01" or eliques or eliquis or "503612-47-3").ti,ot,ab,sh,rn,hw,nm.
 9. (Rivaroxaban or "5 chloro n [[2 oxo 3 [4 (3 oxomorpholin 4 yl)phenyl]oxazolidin 5 yl]methyl]thiophene 2 carboxamide" or "5 chloro n [[2 oxo 3 [4 (3 oxomorpholino)phenyl] 5 oxazolidinyl]methyl] 2 thiophenecarboxamide" or "bay 59 7939" or "bay 597939" or "bay59 7939" or bay597939 or xarelto or "BAY 59-7939" or "BAY59-7939" or "366789-02-8").ti,ot,ab,sh,rn,hw,nm.
 10. (Dabigatran or "bibr 953" or bibr953 or "n [[2 [(4 amidinoanilino)methyl] 1 methyl 5 benzimidazolyl]carbonyl] n (2 pyridyl) beta alanine" or Pradaxa or Pradax or Prazaxa or "bibr 1048" or bibr1048 or rendix or "211914-51-1" or "211915-06-9").ti,ot,ab,sh,rn,hw,nm.
 11. (Clopidogrel or "2 (2 chlorophenyl) 2 (4,5,6,7 tetrahydrothieno[3,2 c]pyridin 5 yl)acetic acid methyl ester" or grepid or iscover or "pcr 4099" or pcr4099 or plavix or "sr 25989" or "sr 25990c" or sr25989 or sr25990c or zopya or zylagren or zyllt or "90055-48-4" or "113665-84-2" or duocover or duoplavin).ti,ot,ab,sh,rn,hw,nm.
 12. (Edoxaban or "du 176" or "du 176b" or "du176" or "du176b" or edoxaban tosilate or edoxaban tosylate or "n (5 chloro 2 pyridinyl) n' [4 (n,n dimethylcarbamoyl) 2 (5 methyl 4,5,6,7 tetrahydrothiazolo[5,4 c]pyridine 2 carboxamido)cyclohexyl]").ti,ab.
 13. 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12
 14. (randomized controlled trial or controlled clinical trial).pt.
 15. (random\$ or placebo? or group? or trial?).ab.
 16. drug therapy.fs.
 17. 14 or 15 or 16
 18. exp animals/ not humans.sh.
 19. 17 not 18
 20. 3 and 13 and 19
 21. 20 not 18
 22. limit 21 to (english language and yr="1988 -Current")
 23. remove duplicates from 22