

Litteratursøk fra Bibliotek for helseforvaltningen

Dokumentasjon av søkestrategi

Oppdatering av søk på s. 65-76 i Hagen G, Huitfeldt A, Vandvik PO. Patent foramen ovale closure, antiplatelet therapy or anticoagulation therapy alone for management of cryptogenic stroke. Report 2019. Oslo: Norwegian Institute of Public Health, 2019.

Kontaktperson: Liv Hege Kateraas/Helsedir
Søk: Astrid Nøstberg
Fagfelle: Ragnhild Agathe Tornes
Avgrensninger: Systematiske oversikter, august 2018-
Dublettsjekk i EndNote: Før dublettkontroll: 384
Etter dublettkontroll: 265

Pico-skjema:

Hva er spørsmålet som litteratursøket er ment å besvare?	Spørsmålet i PICO format				Kjente relevante studier
	Population (pasient)	Intervensjon (tiltak)	Comparison (sammenligning)	Outcome (utfall)	
Is PFO closure an effective and cost-effective alternative to medical treatment?	Patients with cryptogenic stroke (cerebral infarction) and patent foramen ovale	Closure of patent foramen ovale with any closure	Antiplatelet therapy (Acetalsalicylic acid, Clopidogrel, etc) Anticoagulation therapy (Warfarin, DOAC)	Recurrent stroke Death Transient ischemic attack Major bleeding Transient atrial fibrillation Persistent atrial fibrillation Pulmonary embolism Systemic embolism Device or procedure related complications <i>Ikke søkt på</i>	

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) <1946 to May 27, 2020>

Dato: 28.05.2020

Antall treff: 153

#	Searches	Results
1	cerebrovascular disorders/ or basal ganglia cerebrovascular disease/ or exp brain ischemia/ or carotid artery diseases/ or carotid artery thrombosis/ or intracranial arterial diseases/ or cerebral arterial diseases/ or exp "intracranial embolism and thrombosis"/ or exp stroke/	252488
2	(isch?emi* adj6 (stroke* or apoplex* or cerebral vasc* or cerebrovasc* or cva or attack*)).tw,kf.	75017
3	((brain or cerebr* or cerebell* or vertebrobasil* or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or middle cerebr* or mca* or anterior circulation) adj5 (isch?emi* or infarct* or thrombo* or emboli* or occlus* or hypoxi*)).tw,kf.	116535
4	((transient adj3 attack*) or TIA or TIAs).tw,kf.	18730

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5	Embolism, Paradoxical/	974
6	heart atria/ and (embolism/ or thromboembolism/)	630
7	((atria or atrium or paradoxic* or crossed) adj5 (embolism* or thromboembolism*)).tw,kf.	1862
8	(cryptogen* adj5 stroke).tw,kf.	1576
9	or/1-8	317211
10	heart septal defects, atrial/ or foramen ovale, patent/	14635
11	heart septum/ or atrial septum/ or foramen ovale/	9899
12	(patent foramen oval? or PFO).tw,kf.	5884
13	((atrial or atrium) adj sept* adj5 defect*).tw,kf.	10566
14	(("right to left" or "R-L" or "venous to arterial" or "venous-arterial" or "V-A") adj3 shunt).tw,kf.	2330
15	or/10-14	31045
16	9 and 15	3934
17	"Prostheses and Implants"/ or Septal Occluder Device/	48495
18	Wound Closure Techniques/	1509
19	(close or closure or septal occluder).tw,kf.	415292
20	(cardioseal or gore helex or amplatzer or starflex or cardia or intrasept or premere).tw,kf.	10091
21	su.fs.	1973795
22	or/17-21	2356049
23	exp Anticoagulants/	219916
24	anticoagulant*.tw,kf.	63405
25	(acenocoumarol* or dicoumarol* or "ethyl biscoumacetate*" or phenprocoumon* or warfarin* or ancred* or "citric acid*" or coumarin* or chromonar* or coumestro* or esculi* or ochratoxin* or umbelliferone* or dermatan?sul* or dextran* or "edetic acid*" or enoxaparin* or gabexate* or heparin* or lmwh* or nadroparin* or "pentosan sulfuric polyester*" or phenindione* or "protein c" or "protein s" or tedelparin*).tw,kf.	204703
26	(argatroban or tinzaparin or parnaparin or reviparin or danaparoid or lomoparan or "org 10172" or mesoglycan or "polysaccharide sulphate*" or sp54 or "sp-54" or md805 or "md-805" or cy222 or "cy-222" or cy216 or "cy-216").tw,kf.	3019
27	(Marevan or Fragmin* or Fraxiparin* or Klexane).tw,kf.	617
28	Pipecolic Acids/ae, tu	596
29	exp Vitamin K/ai	2845

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30	(Vitamin K adj3 (antagonist* or inhibit*).tw,kf.	6686
31	exp Antithrombins/ae, pd, de, tu	8149
32	exp Blood Coagulation Factors/ai, de	16462
33	exp Blood Coagulation/de	19584
34	(anticoagulat* or antithromb*).tw,kf.	74816
35	or/23-34	394361
36	Factor Xa Inhibitors/	4553
37	Dabigatran/ or Rivaroxaban/	4999
38	(dabigatran or rivaroxaban or apixaban or edoxaban or "anti-factor Xa" or ("factor Xa" adj2 (antag* or inhibit*)) or "novel oral anticoagulant*" or noac or noacs or pradax or pradaxa or "BIBR-953" or "BIBR-953ZW" or xarelto or "BAY 59-7939" or "BMS-562247" or eliquis or lixiana or "DU-176" or "DU-176b" or "non-vitamin K").mp.	15236
39	(DOAC or DOACs or TSOAC or TSOACs).mp.	2042
40	((new or novel or direct or direct-acting or target-specific or targeted or nonvitamin K) adj3 oral anticoagulant*).mp.	6153
41	or/36-40	17398
42	Platelet Aggregation Inhibitors/	36082
43	(antiplatelet* or anti-platelet* or antiaggreg* or anti-aggreg* or (platelet* adj5 inhibit*) or (thrombocyt* adj5 inhibit*).tw,kf.	55097
44	(alprostadil* or aspirin* or dipyridamol* or disintegrin* or epoprostenol* or iloprost* or ketanserin* or ketorolac tromethamine* or milrinone* or mopidamol* or pentoxifyllin* or procainamide* or ticlopidine* or thiophen* or trapidil*).tw,kf.	90134
45	(acetyl salicylic acid* or acetyl?salicylic acid or clopidogrel* or picotamide* or ligustrazine* or levamisol* or suloctidil* or ozagrel* or oky046 or oky-046 or defibrotide* or cilostazol or satigrel or sarpolgrrelate or kbt3022 or kbt-3022 or isbogrel or cv4151 or cv-4151 or triflusal).tw,kf.	29943
46	(Dispril or Albyl* or Ticlid* or Persantin* or Plavix).tw,kf.	720
47	exp Platelet Glycoprotein GPIIb-IIIa Complex/ai, de	3343
48	((((glycoprotein iib* or gp iib*) adj5 (antagonist* or inhibitor*)) or GR144053 or GR-144053 or abciximab* or tirofiban* or eftifibatid*).tw,kf.	5478
49	(ReoPro or Integrilin* or Aggrastat).tw,kf.	469
50	exp Platelet Activation/de	26658
51	Blood Platelets/de	19659

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52	or/42-51	180890
53	22 or 35 or 41 or 52	2856422
54	16 and 53	2159
55	(2019* or 2020*).ed,ep,yr,dp,dt.	2677695
56	(201808* or 201809* or 201810* or 201811* or 201812*).ep,ed,dt.	908501
57	54 and (55 or 56)	359
58	limit 57 to "therapy (maximizes specificity)"	10
59	("randomized controlled trial" or "controlled clinical trial").pt. or (randomized or randomised or randomly or rct or placebo or trial or groups).tw,kf,bt.	3062534
60	drug therapy.fs.	2206155
61	57 and (59 or 60)	153
62	58 or 61	153
63	Animal/ not (Animal/ and Human/)	4668816
64	62 not 63	153

Database: Embase 1974 to 2020 May 27

Dato: 28.05.2020

Antall treff: 189

#	Searches	Results
1	cerebrovascular disease/ or brain infarction/ or brain stem infarction/ or cerebellum infarction/ or exp brain ischemia/ or carotid artery disease/ or exp carotid artery obstruction/ or cerebral artery disease/ or exp cerebrovascular accident/ or exp occlusive cerebrovascular disease/ or stroke patient/	480335
2	(isch?emi* adj6 (stroke* or apoplex* or cerebral vasc* or cerebrovasc* or cva or attack*)).tw,kw.	125825
3	((brain or cerebr* or cerebell* or vertebrobasil* or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or middle cerebr* or mca* or anterior circulation) adj5 (isch?emi* or infarct* or thrombo* or emboli* or occlus* or hypoxi*)).tw,kw.	166835
4	((transient adj3 attack*) or TIA or TIAs).tw,kw.	33427
5	paradoxical embolism/	1910

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6	exp heart atrium/ and (embolism/ or thromboembolism/)	2975
7	((atria or atrium or paradoxic* or crossed) adj5 (embolism* or thromboembolism*)).tw,kw.	2638
8	(cryptogen* adj5 stroke).tw,kw.	3099
9	or/1-8	539509
10	heart atrium septum defect/ or patent foramen ovale/ or heart septum defect/ or heart right left shunt/	38559
11	heart septum/ or interatrial septum/ or heart foramen ovale/	3228
12	(patent foramen oval? or PFO).tw,kw.	9321
13	((atrial or atrium) adj sept* adj5 defect*).tw,kw.	14250
14	(("right to left" or "R-L" or "venous to arterial" or "venous-arterial" or "V-A") adj3 shunt).tw,kw.	3708
15	or/10-14	46012
16	9 and 15	7724
17	"prostheses and orthoses"/ or septal occluder/ or atrial septal occluder/ or endoprosthesis/ or cardiac implant/	22905
18	heart surgery/ or minimally invasive cardiac surgery/ or interventional cardiovascular procedure/ or cardiovascular procedure/ or cardiovascular therapeutic device/ or wound closure/	106634
19	(close or closure or septal occluder).tw,kw.	513329
20	(cardioseal or gore helex or amplatzer or starflex or cardia or intrasept or premere).tw,kw.	14666
21	su.fs.	2020237
22	or/17-21	2555910
23	anticoagulant therapy/ or exp anticoagulant agent/	660162
24	anticoagulant*.tw,kw.	92829
25	(acenocoumarol* or dicoumarol* or "ethyl biscoumacetate*" or phenprocoumon* or warfarin* or anicrod* or "citric acid*" or coumarin* or chromonar* or coumestro* or esculi* or ochratoxin* or umbelliferone* or dermatan?sul* or dextran* or "edetac acid*" or enoxaparin* or gabexate* or heparin* or lmwh* or nadroparin* or "pentosan sulfuric polyester*" or phenindione* or "protein c" or "protein s" or tedelparin*).tw,kw.	267379
26	(argatroban or tinzaparin or parnaparin or reviparin or danaparoid or lomoparan or "org 10172" or mesoglycan or "polysaccharide sulphate*" or sp54 or "sp-54" or md805 or "md-805" or cy222 or "cy-222" or cy216 or "cy-216").tw,kw.	5234
27	(Marevan or Fragmin* or Fraxiparin* or Klexane).tw,kw.	3195
28	pipecolic acid derivative/ae, dt	78

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29	(Vitamin K adj3 (antagonist* or inhibit*)).tw,kw.	11200
30	antithrombin/ae, it, dt, pd	1593
31	(anticoagulat* or antithromb*).tw,kw.	117954
32	or/23-31	822056
33	dabigatran/ or rivaroxaban/	22266
34	(dabigatran or rivaroxaban or apixaban or edoxaban or "anti-factor Xa" or ("factor Xa" adj2 (antag* or inhibit*)) or "novel oral anticoagulant*" or noac or noacs or pradax or pradaxa or "BIBR-953" or "BIBR-953ZW" or xarelto or "BAY 59-7939" or "BMS-562247" or eliquis or lixiana or "DU-176" or "DU-176b" or "non-vitamin K").mp.	33070
35	(DOAC or DOACs or TSOAC or TSOACs).mp.	4106
36	((new or novel or direct or direct-acting or target-specific or targeted or nonvitamin K) adj3 oral anticoagulant*).mp.	11160
37	or/33-36	35954
38	blood clotting factor 10a inhibitor/ or antistasin/ or apixaban/ or betrixaban/ or darexaban/ or edoxaban/ or eribaxaban/ or fidexaban/ or fondaparinux/ or idrabiotaparinux/ or idraparinux/ or letaxaban/ or otamixaban/ or razaxaban/ or rivaroxaban/ or tanogitran/	29048
39	oral.mp. or oral drug administration/	1569921
40	38 and 39	15279
41	37 or 40	37478
42	exp anti-thrombocytic agent/	343003
43	(antiplatelet* or anti-platelet* or antiaggreg* or anti-aggreg* or (platelet* adj5 inhibit*) or (thrombocyt* adj5 inhibit*)).tw,kw.	85257
44	(alprostadil* or aspirin* or dipyridamol* or disintegrin* or epoprostenol* or iloprost* or ketanserlin* or ketorolac tromethamine* or milrinone* or mopidamol* or pentoxifyllin* or procainamide* or ticlopidine* or thiophen* or trapidil*).tw,kw.	169071
45	(acetyl salicylic acid* or acetyl?salicylic acid or clopidogrel* or picotamide* or ligustrazine* or levamisol* or suloctidil* or ozagrel* or oky046 or oky-046 or defibrotide* or cilostazol or satigrel or sarpogrelate or kbt3022 or kbt-3022 or isbogrel or cv4151 or cv-4151 or triflusal).tw,kw.	47425
46	(Dispril or Albyl* or Ticlid* or Persantin* or Plavix).tw,kw.	5467
47	exp fibrinogen receptor antagonist/ae, it, dt	13351
48	((((glycoprotein iib* or gp iib*) adj5 (antagonist* or inhibitor*)) or GR144053 or GR-144053 or abciximab* or tirofiban* or eftifibatid*).tw,kw.	8263

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49	(ReoPro or Integrilin* or Aggrastat).tw,kw.	2923
50	thrombocyte activation/ or thrombocyte/	123590
51	or/42-50	518595
52	22 or 32 or 41 or 51	3427150
53	16 and 52	4939
54	(2019* or 2020*).yr,dd,dp,dc.	2914296
55	(201808* or 201809* or 201810* or 201811* or 201812*).dd,dc.	646506
56	53 and (54 or 55)	797
57	limit 56 to "therapy (maximizes specificity)"	13
58	limit 56 to (randomized controlled trial or controlled clinical trial)	23
59	(randomized or randomised or randomly or rct or placebo or trial or groups).tw,kw.	4081228
60	57 or 58 or (56 and 59)	207
61	(animal/ or exp nonhuman/ or Animal experiment/) not ((animal/ or exp nonhuman/ or Animal experiment/) and exp human/)	5992246
62	60 not 61	205
63	limit 62 to (conference abstracts or embase)	189

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Dokumentasjon av søkestrategi

Database: Cochrane Central Register of Controlled Trials: Issue 5 of 12, May 2020

Dato: 28.05.2020

Antall treff: 42

ID	Search	Hits
#1	[mh ^"cerebrovascular disorders"]	1421
#2	[mh ^"basal ganglia cerebrovascular disease"]	10
#3	[mh "brain ischemia"]	3494
#4	[mh ^"carotid artery diseases"]	468
#5	[mh ^"carotid artery thrombosis"]	18
#6	[mh ^"intracranial arterial diseases"]	10
#7	[mh ^"cerebral arterial diseases"]	26
#8	[mh "intracranial embolism and thrombosis"]	304
#9	[mh stroke]	9369
#10	(isch?emi* near/6 (stroke* or apoplex* or "cerebral vasc*" or cerebrovasc* or cva or attack*)):ti,ab	12694
#11	((brain or cerebr* or cerebell* or vertebrobasil* or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or (middle next cerebr*) or mca* or (anterior next circulation)) near/5 (isch?emi* or infarct* or thrombo* or emboli* or occlus* or hypoxi*)):ti,ab	8999
#12	((transient near/3 attack*) or TIA or TIAs):ti,ab	3173
#13	[mh ^"Embolism, Paradoxical"]	12
#14	[mh ^"heart atria"]	509
#15	[mh ^embolism]	448
#16	[mh ^thromboembolism]	1315
#17	#14 and (#15 or #16)	10
#18	((atria or atrium or paradoxic* or crossed) near/5 (embolism* or thromboembolism*)):ti,ab	46
#19	(cryptogen* near/5 stroke):ti,ab	187
#20	[**Error**]==> {OR #1-#13, #17-#19}	

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#21	[mh ^"heart septal defects, atrial"]	106
#22	[mh ^"foramen ovale, patent"]	67
#23	[mh ^"heart septum"]	95
#24	[mh ^"atrial septum"]	11
#25	[mh ^"foramen ovale"]	2
#26	((("patent foramen" next oval*) or PFO):ti,ab	335
#27	((("atrial septum" NEAR/5 defect*) OR ("atrial septal" NEAR/5 defect*) OR ("atrium septum" NEAR/5 defect*) OR ("atrium septal" NEAR/5 defect*)):ti,ab	187
#28	((("right to left" or "R-L" or "venous to arterial" or "venous-arterial" or "V-A") near/3 shunt):ti,ab	59
#29	{OR #21-#28}	674
#30	[**Error**]==> #20 AND #29	
#31	[mh ^"protheses and implants"]	599
#32	[mh ^"septal occluder device"]	35
#33	[mh ^"Wound Closure Techniques"]	147
#34	(close or closure or "septal occluder"):ti,ab	19540
#35	(cardioseal or "gore helex" or amplatzer or starflex or cardia or intrasept or premere):ti,ab	513
#36	[mh /SU]	56889
#37	{OR #31-#36}	74546
#38	[mh Anticoagulants]	4533
#39	anticoagulant*:ti,ab	6128
#40	(acenocoumarol* or dicoumarol* or (ethyl NEXT biscoumacetate*) or phenprocoumon* or warfarin* or ancrod* or (citric NEXT acid*) or coumarin* or chromonar* or coumestro* or esculi* or ochratoxin* or umbelliferone* or dermatan?sul* or dextran* or (edetic NEXT acid*) or enoxaparin* or gabexate* or heparin* or lmwh* or nadroparin* or ("pentosan sulfuric" NEXT polyester*) or phenindione* or "protein c" or "protein s" or tedelparin*):ti,ab	18157

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#41	(argatroban or tinzaparin or parnaparin or reviparin or danaparoid or lomoparan or "org 10172" or mesoglycan or (polysaccharide NEXT sulphate*) or sp54 or "sp-54" or md805 or "md-805" or cy222 or "cy-222" or cy216 or "cy-216"):ti,ab	650
#42	(Marevan or Fragmin* or Fraxiparin* or Klexane):ti,ab	357
#43	MeSH descriptor: [Pipelic Acids] this term only and with qualifier(s): [adverse effects - AE, therapeutic use - TU]	39
#44	MeSH descriptor: [Vitamin K] explode all trees and with qualifier(s): [antagonists & inhibitors - AI]	138
#45	("Vitamin K" NEAR/3 (antagonist* or inhibit*)):ti,ab	1006
#46	MeSH descriptor: [Antithrombins] explode all trees and with qualifier(s): [adverse effects - AE, pharmacology - PD, therapeutic use - TU]	420
#47	MeSH descriptor: [Blood Coagulation Factors] explode all trees and with qualifier(s): [antagonists & inhibitors - AI, drug effects - DE]	607
#48	MeSH descriptor: [Blood Coagulation] explode all trees and with qualifier(s): [drug effects - DE]	1594
#49	(anticoagulat* or antithromb*):ti,ab	9256
#50	{or #38-#49}	27473
#51	[mh ^"Factor Xa Inhibitors"]	514
#52	[mh ^Dabigatran]	296
#53	[mh ^Rivaroxaban]	485
#54	(dabigatran or rivaroxaban or apixaban or edoxaban or "anti-factor Xa" or ("factor Xa" NEAR/2 (antag* or inhibit*)) or ("novel oral" NEXT anticoagulant*) or noac or noacs or pradax or pradaxa or "BIBR-953" or "BIBR-953ZW" or xarelto or "BAY 59-7939" or "BMS-562247" or eliquis or lixiana or "DU-176" or "DU-176b" or "non-vitamin K"):ti,ab	3277
#55	(DOAC or DOACs or TSOAC or TSOACs):ti,ab	240
#56	((new or novel or direct or "direct-acting" or "target-specific" or targeted or "nonvitamin K") NEAR/3 ("oral anticoagulant" or "oral anticoagulants")):ti,ab	705
#57	{or #51-#56}	3620
#58	[mh ^"Platelet Aggregation Inhibitors"]	3796
#59	(antiplatelet* or (anti NEXT platelet*) or antiaggreg* or (anti NEXT aggreg*) or (platelet* NEAR/5 inhibit*) or (thrombocyt* NEAR/5 inhibit*)):ti,ab	8910

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#60	(alprostadil* or aspirin* or dipyridamol* or disintegrin* or epoprostenol* or iloprost* or ketanserin* or (ketorolac NEXT tromethamine*) or milrinone* or mopidamol* or pentoxifyllin* or procainamide* or ticlopidine* or thiophen* or trapidil*):ti,ab	16492
#61	((("acetyl salicylic" NEXT acid*) or "acetyl?salicylic acid" or clopidogrel* or picotamide* or ligustrazine* or levamisol* or suloctidil* or ozagrel* or oky046 or "oky-046" or defibrotide* or cilostazol or satigrel or sarpolgrelate or kbt3022 or "kbt-3022" or isbogrel or cv4151 or "cv-4151" or triflusal):ti,ab	6572
#62	(Dispril or Albyl* or Ticlid* or Persantin* or Plavix):ti,ab	331
#63	MeSH descriptor: [Platelet Glycoprotein GPIIb-IIIa Complex] explode all trees and with qualifier(s): [antagonists & inhibitors - AI, drug effects - DE]	492
#64	((("glycoprotein iib" or "glycoprotein iib-iiia" or "gp iib" or "gp iib-iiia") NEAR/5 (antagonist* or inhibitor*)) or GR144053 or "GR-144053" or abciximab* or tirofiban* or eftifibatid*):ti,ab	1824
#65	(ReoPro or Integrilin* or Aggrastat):ti,ab	246
#66	MeSH descriptor: [Platelet Activation] explode all trees and with qualifier(s): [drug effects - DE]	1828
#67	MeSH descriptor: [Blood Platelets] this term only and with qualifier(s): [drug effects - DE]	1094
#68	{or #58-#67}	27130
#69	#37 or #50 or #57 or #68	121092
#70	#30 and #69	151
#71	#70 with Publication Year from 2018 to 2020, in Trials	42