

Litteratursøk fra Bibliotek for helseforvaltningen

Dokumentasjon av søkestrategi

Effekten av iv trombolytisk behandling etter billedbasert seleksjon sammenlignet med ingen trombolyse ved akutt hjerneinfarkt med ukjent debut – PICO 1.11

Kontaktperson: Liv Hege Kateraas og Bent Indredavik
Søk: Malene Wøhlk Gundersen og Marita Heintz
Kommentar: Søk etter systematiske oversikter
Tidsbruk: 20 timer

Pico-skjema:

Hva handler spørsmålet om?	Spørsmålet i PICO format			
	Populasjon (pasient)	Intervensjon (tiltak)	Comparison (sammenligning/kontroll)	Outcome(s) (utfall/effekt)
Hva er effekten av iv trombolytisk behandling etter billedbasert seleksjon sammenlignet med ingen trombolyse ved akutt hjerneinfarkt med ukjent debut (herunder oppvåkningsslag, eller senere enn 4,5 timer etter debut)?	Akutt hjerneinfarkt med ukjent debut, herunder oppvåkningsslag, eller debut for mer enn 4,5 timer siden	IV trombolyse etter billedbasert seleksjon	Ikke iv trombolyse	NIHSS, mRS, blødning, død

Database: Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Dato: 13.05.2016

Antall treff: 132 (124 etter sletting av interne dubletter)

1	stroke/ or cerebral infarction/ or infarction, middle cerebral artery/ or stroke, lacunar/ or carotid artery, internal, dissection/ or carotid artery thrombosis/ or "intracranial embolism and thrombosis"/ or intracranial embolism/ or intracranial thrombosis/ or intracranial hemorrhages/ or cerebral hemorrhage/ or vertebral artery dissection/	137538
2	(stroke or cerebrovasc*).tw.	206094
3	((brain* or cerebr* or cerebell* or vertebrobasilar or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia or penumbra) adj5 (infarct* or thrombo* or emboli*)).tw.	42703
4	((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli*) adj5 (haemorrhage* or hemorrhage* or haematoma* or hematoma* or bleed*)).tw.	44262
5	or/1-4	300710
6	Thrombolytic Therapy/ or Tissue Plasminogen Activator/ or fibrinolytic agents/ or fibrinolysin/ or plasminogen/	60293

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7	(thrombolyses or thrombolytic* or thrombolysis or sonothrombolysis or fibrinolytic* or fibrinolyser).tw.	46999
8	(alteplase or desmoteplase or tenecteplase or "rt pa" or rtpa or "t plasminogen" or tplasminogen or activase or "tissue activator d44" or "tissue activator d 44" or "tissue activators d44" or "tissue activators d 44" or tisokinase or ttpa or actilyse or "tissue plasminogen activator" or "tissueplasminogen activator" or "tissue plasminogen activators" or "tissueplasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue" or "tissuetype plasminogen activator" or "tissue type plasminogen activator" or "tissuetype plasminogen activators" or "tissue type plasminogen activators" or "plasminogen activator tissuetype" or "plasminogen activators tissuetype").tw.	18525
9	or/6-7	82793
10	absorptiometry, photon/ or angiocardiology/ or angiography, digital subtraction/ or angiography/ or aortography/ or arthrography/ or brain mapping/ or cerebral angiography/ or cone-beam computed tomography/ or diagnostic imaging/ or diffusion tensor imaging/ or multimodal imaging/ or neuroimaging/ or tomography, emission-computed, single-photon/ or tomography, emission-computed/ or tomography, spiral computed/ or tomography, x-ray computed/ or tomography, x-ray/ or ultrasonography, doppler, color/ or ultrasonography, doppler, duplex/ or ultrasonography, doppler, pulsed/ or ultrasonography, doppler, transcranial/ or ultrasonography, doppler/	623951
11	(imaging or neuroimaging or neurosonolog* or ultrasonography* or radiograph* or magnetic* resonance or doppler ultrasound or arteriograph* or tomograph* or MRI or DWI or PWI or angiograph* or CTA or MRA or CTA-SI).tw.	1215717
12	10 or 11	1515857
13	5 and 9 and 12	5185
14	((systematic* or literature) adj2 review*).mp.	195960
15	(metaanalys* or meta analys*).mp. or (meta analysis or review).pt.	2183230
16	14 or 15	2246461
17	13 and 16	975
18	limit 17 to yr="2014 -Current"	132

Database: Embase 1974 to 2016 May 12

Dato: 13.05.2016

Antall treff: 69 (67 etter sletting av interne dubletter)

1	cerebrovascular accident/ or brain infarction/ or cerebral artery disease/ or lacunar stroke/ or carotid artery injury/ or carotid artery thrombosis/ or brain embolism/ or occlusive cerebrovascular disease/ or brain hemorrhage/ or artery dissection/	240544
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Litteratursøk fra Bibliotek for helseforvaltningen

Dokumentasjon av søkestrategi

2	(stroke or cerebrovasc*).tw.	303019
3	((brain* or cerebr* or cerebell* or vertebrobasilar or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia or penumbra) adj5 (infarct* or thrombo* or emboli*)).tw.	59600
4	((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli*) adj5 (haemorrhage* or hemorrhage* or haematoma* or hematoma* or bleed*)).tw.	62056
5	or/1-4	459660
6	fibrinolytic therapy/ or tissue plasminogen activator/ or fibrinolytic agents/ or plasmin/ or plasminogen/	69382
7	(thrombolyses or thrombolytic* or thrombolysis or sonothrombolysis or fibrinolytic* or fibrinolyser).tw.	63826
8	(alteplase or desmoteplase or tenecteplase or "rt pa" or rtpa or "t plasminogen" or tplasminogen or activase or "tissue activator d44" or "tissue activator d 44" or "tissue activators d44" or "tissue activators d 44" or tisokinase or ttpa or actilyse or "tissue plasminogen activator" or "tissueplasminogen activator" or "tissue plasminogen activators" or "tissueplasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue" or "tissuetype plasminogen activator" or "tissue type plasminogen activator" or "tissuetype plasminogen activators" or "tissue type plasminogen activators" or "plasminogen activator tissuetype" or "plasminogen activators tissuetype").tw.	24971
9	or/6-8	109355
10	photon absorptiometry/ or angiocardiology/ or digital subtraction angiography/ or angiography/ or aortography/ or arthrography/ or brain mapping/ or brain angiography/ or cone beam computed tomography/ or diagnostic imaging/ or diffusion tensor imaging/ or multimodal imaging/ or neuroimaging/ or single photon emission computer tomography/ or computer assisted emission tomography/ or spiral computer assisted tomography/ or computer assisted tomography/ or tomography, x-ray/ or color ultrasound flowmetry/ or Doppler echography/ or Doppler flowmetry/	1119369
11	(imaging or neuroimaging or neurosonolog* or ultrasonography* or radiograph* or magnetic* resonance or doppler ultrasound or arteriograph* or tomograph* or MRI or DWI or PWI or angiograph* or CTA or MRA or CTA-SI).tw.	1574005
12	10 or 11	2099567
13	5 and 9 and 12	10472
14	meta analysis/ or "systematic review"/ or ((systematic* adj2 review*) or metaanalys* or meta analys*).tw.	238509
15	13 and 14	324

Litteratursøk fra Bibliotek for helseforvaltningen

Dokumentasjon av søkestrategi

16	limit 15 to yr="2014 -Current"	69
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Database: The Cochrane Library (Cochrane Database of Systematic Reviews: Issue 5 of 12, May 2016; Database of Abstracts of Reviews of Effect: Issue 2 of 4, April 2015; Health Technology Assessment Database: Issue 2 of 4, January 2016, NHS Economic Evaluation Database : Issue 2 of 4, April 2015)

Dato: 13.05.2016

Antall treff: 3 (2 Cochrane og 1 other)

ID	Search	Hits
#1	[mh ^stroke]	5845
#2	[mh ^"cerebral infarction"]	541
#3	[mh ^"infarction, middle cerebral artery"]	106
#4	[mh ^"stroke, lacunar"]	19
#5	[mh ^"carotid artery, internal, dissection"]	5
#6	[mh ^"carotid artery thrombosis"]	18
#7	[mh ^"intracranial embolism and thrombosis"]	84
#8	[mh ^"intracranial embolism"]	127
#9	[mh ^"intracranial thrombosis"]	35
#10	[mh ^"intracranial hemorrhages"]	190
#11	[mh ^"cerebral hemorrhage"]	735
#12	[mh ^"vertebral artery dissection"]	7
#13	(stroke or cerebrovasc*):ti,ab,kw in Cochrane Reviews (Reviews and Protocols)	459
#14	(stroke or cerebrovasc*) in Other Reviews, Technology Assessments and Economic Evaluations	2832
#15	((brain* or cerebr* or cerebell* or vertebrobasilar or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia or penumbra) near/5 (infarct* or thrombo* or emboli*)):ti,ab,kw in Cochrane Reviews (Reviews and Protocols)	84
#16	((brain* or cerebr* or cerebell* or vertebrobasilar or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia or penumbra) near/5 (infarct* or thrombo* or emboli*)) in Other Reviews, Technology Assessments and Economic Evaluations	274
#17	((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli*) near/5 (haemorrhage* or hemorrhage* or haematoma* or hematoma* or bleed*)):ti,ab,kw in Cochrane Reviews (Reviews and Protocols)	184
#18	((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli*) near/5 (haemorrhage* or hemorrhage* or haematoma* or hematoma* or bleed*)) in Other Reviews, Technology Assessments and	405

Litteratursøk fra Bibliotek for helseforvaltningen

Dokumentasjon av søkestrategi

	Economic Evaluations	
#19	{or #1-#18}	9354
#20	[mh ^"Thrombolytic Therapy"]	1705
#21	[mh ^"Tissue Plasminogen Activator"]	1444
#22	[mh ^"fibrinolytic agents"]	2113
#23	[mh ^fibrinolysin]	120
#24	[mh ^plasminogen]	174
#25	(thrombolyses or thrombolytic* or thrombolysis or sonothrombolysis or fibrinolytic* or fibrinolysers):ti,ab,kw in Cochrane Reviews (Reviews and Protocols)	63
#26	(thrombolyses or thrombolytic* or thrombolysis or sonothrombolysis or fibrinolytic* or fibrinolysers) in Other Reviews, Technology Assessments and Economic Evaluations	615
#27	(alteplase or desmoteplase or tenecteplase or "rt pa" or rtpa or "t plasminogen" or tplasminogen or activase or "tissue activator d44" or "tissue activator d 44" or "tissue activators d44" or "tissue activators d 44" or tisokinase or ttpa or actilyse or "tissue plasminogen activator" or "tissueplasminogen activator" or "tissue plasminogen activators" or "tissueplasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue" or "tissuetype plasminogen activator" or "tissue type plasminogen activator" or "tissuetype plasminogen activators" or "tissue type plasminogen activators" or "plasminogen activator tissuetype" or "plasminogen activators tissuetype"):ti,ab,kw in Cochrane Reviews (Reviews and Protocols)	9
#28	(alteplase or desmoteplase or tenecteplase or "rt pa" or rtpa or "t plasminogen" or tplasminogen or activase or "tissue activator d44" or "tissue activator d 44" or "tissue activators d44" or "tissue activators d 44" or tisokinase or ttpa or actilyse or "tissue plasminogen activator" or "tissueplasminogen activator" or "tissue plasminogen activators" or "tissueplasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue" or "tissuetype plasminogen activator" or "tissue type plasminogen activator" or "tissuetype plasminogen activators" or "tissue type plasminogen activators" or "plasminogen activator tissuetype" or "plasminogen activators tissuetype") in Other Reviews, Technology Assessments and Economic Evaluations	172
#29	{or #20-#28}	4209
#30	[mh ^"absorptiometry, photon"]	1561
#31	[mh ^angiocardiology]	83
#32	[mh ^"angiography, digital subtraction"]	228
#33	[mh ^angiography]	700
#34	[mh ^aortography]	145
#35	[mh ^arthrography]	195
#36	[mh ^"brain mapping"]	1479
#37	[mh ^"cerebral angiography"]	272
#38	[mh ^"cone-beam computed tomography"]	139
#39	[mh ^"diagnostic imaging"]	260

Litteratursøk fra Bibliotek for helseforvaltningen

Dokumentasjon av søkestrategi

#40	[mh ^"diffusion tensor imaging"]	85
#41	[mh ^"multimodal imaging"]	138
#42	[mh ^neuroimaging]	60
#43	[mh ^"tomography, emission-computed, single-photon"]	1063
#44	[mh ^"tomography, emission-computed"]	674
#45	[mh ^"tomography, spiral computed"]	215
#46	[mh ^"tomography, x-ray computed"]	4171
#47	[mh ^"tomography, x-ray"]	15
#48	[mh ^"ultrasonography, doppler, color"]	436
#49	[mh ^"ultrasonography, doppler, duplex"]	340
#50	[mh ^"ultrasonography, doppler, pulsed"]	67
#51	[mh ^"ultrasonography, doppler, transcranial"]	420
#52	[mh ^"ultrasonography, doppler"]	542
#53	(imaging or neuroimaging or neurosonolog* or ultrasonography* or radiograph* or magnetic* resonance or doppler ultrasound or arteriograph* or tomograph* or MRI or DWI or PWI or angiograph* or CTA or MRA or CTA-SI):ti,ab,kw in Cochrane Reviews (Reviews and Protocols)	325
#54	(imaging or neuroimaging or neurosonolog* or ultrasonography* or radiograph* or magnetic* resonance or doppler ultrasound or arteriograph* or tomograph* or MRI or DWI or PWI or angiograph* or CTA or MRA or CTA-SI) in Other Reviews, Technology Assessments and Economic Evaluations	5796
#55	{or #30-#54}	16575
#56	#19 and #29 and #55	185
#57	#19 and #29 and #55 Publication Year from 2014 to 2016, in Cochrane Reviews (Reviews and Protocols), Other Reviews, Technology Assessments and Economic Evaluations	3

Database: CINAHL via EBSCOhost

Dato: 13.05.2016

Antall treff: 25

S20	S13 AND S18 Limiters - Published Date: 20140101-20161231	25
S19	S13 AND S18	113
S18	S14 OR S15 OR S16 OR S17	185,856
S17	TI (((systematic* or literature) N2 review*)) OR AB (((systematic* or literature) N2 review*))	61,579
S16	TI ((metaanalys* or meta analys*)) OR AB ((metaanalys* or meta analys*))	18,067
S15	PT systematic review OR PT review OR PT meta analysis	146,748
S14	(MH "Systematic Review") OR (MH "Literature Review") OR (MH "Meta Analysis")	40,148
S13	S5 AND S9 AND S12	1,158
S12	S10 OR S11	120,939

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Dokumentasjon av søkestrategi

S11	TI ((imaging or neuroimaging or neurosonolog* or ultrasonography* or radiograph* or magnetic* resonance or doppler ultrasound or arteriograph* or tomograph* or MRI or DWI or PWI or angiograph* or CTA or MRA or CTA-SI) OR AB ((imaging or neuroimaging or neurosonolog* or ultrasonography* or radiograph* or magnetic* resonance or doppler ultrasound or arteriograph* or tomograph* or MRI or DWI or PWI or angiograph* or CTA or MRA or CTA-SI))	86,666
S10	(MH "Absorptiometry, Photon") OR (MH "Angiocardiology") OR (MH "Angiography, Digital Subtraction") OR (MH "Angiography") OR (MH "Arthrography") OR (MH "Brain Mapping") OR (MH "Cerebral Angiography") OR (MH "Diagnostic Imaging") OR (MH "Neuroradiography") OR (MH "Tomography, Emission-Computed, Single-Photon") OR (MH "Tomography, Emission-Computed") OR (MH "Tomography, Spiral Computed") OR (MH "Tomography, X-Ray Computed") OR (MH "Tomography, X-Ray") OR (MH "Ultrasonography, Doppler") OR (MH "Ultrasonography, Doppler, Color") OR (MH "Ultrasonography, Doppler, Duplex") OR (MH "Ultrasonography, Doppler, Pulsed") OR (MH "Ultrasonography, Doppler, Transcranial")	58,737
S9	S6 OR S7 OR S8	9,325
S8	TI ((alteplase or desmoteplase or tenecteplase or "rt pa" or rtpa or "t plasminogen" or tplasminogen or activase or "tissue activator d44" or "tissue activator d 44" or "tissue activators d44" or "tissue activators d 44" or tisokinase or ttpa or actilyse or "tissue plasminogen activator" or "tissueplasminogen activator" or "tissue plasminogen activators" or "tissueplasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue" or "tissue type plasminogen activator" or "tissue type plasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue") OR AB ((alteplase or desmoteplase or tenecteplase or "rt pa" or rtpa or "t plasminogen" or tplasminogen or activase or "tissue activator d44" or "tissue activator d 44" or "tissue activators d44" or "tissue activators d 44" or tisokinase or ttpa or actilyse or "tissue plasminogen activator" or "tissueplasminogen activator" or "tissue plasminogen activators" or "tissueplasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue" or "tissue type plasminogen activator" or "tissue type plasminogen activators" or "tissue type plasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue"))	1,881
S7	TI ((thrombolyses or thrombolytic* or thrombolysis or sonothrombolysis or fibrinolytic* or fibrinolyser)) OR AB ((thrombolyses or thrombolytic* or thrombolysis or sonothrombolysis or fibrinolytic* or fibrinolyser))	4,550
S6	(MH "Tissue Plasminogen Activator") OR (MH "Thrombolytic Therapy") OR (MH "Fibrinolytic Agents")	7,347
S5	S1 OR S2 OR S3 OR S4	60,034
S4	TI (((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli*) N4 (haemorrhage* or hemorrhage* or haematoma* or hematoma* or bleed*))) OR AB (((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli*) N4 (haemorrhage* or hemorrhage* or haematoma* or hematoma* or bleed*)))	5,171
S3	TI (((brain* or cerebr* or cerebell* or vertebrobasilar or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia or penumbra) N4 (infarct* or thrombo* or emboli*))) OR AB (((brain* or cerebr* or cerebell* or vertebrobasilar or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA or anterior	4,164

Litteratursøk fra Bibliotek for helseforvaltningen

Dokumentasjon av søkestrategi

	circulation or posterior circulation or basal ganglia or penumbra) N4 (infarct* or thrombo* or emboli*)))	
S2	TI ((stroke or cerebrovasc*)) OR AB ((stroke or cerebrovasc*))	43,961
S1	(MH "Stroke") OR (MH "Stroke, Lacunar") OR (MH "Carotid Artery Dissections") OR (MH "Carotid Artery Thrombosis") OR (MH "Intracranial Embolism and Thrombosis") OR (MH "Intracranial Thrombosis") OR (MH "Intracranial Embolism") OR (MH "Intracranial Hemorrhage") OR (MH "Cerebral Hemorrhage") OR (MH "Vertebral Artery Dissections")	40,694

Database: Epistemonikos

Dato: 13.05.2016

Antall treff: 37

((stroke or cerebrovasc*) or ((brain* or cerebr* or cerebell* or vertebrobasilar or hemispher* or intracran* or intracerebral or infratentorial or supratentorial or MCA or anterior circulation or posterior circulation or basal ganglia or penumbra) and (infarct* or thrombo* or emboli*)) or ((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraventricular or infratentorial or supratentorial or basal gangli*) and (haemorrhage* or hemorrhage* or haematoma* or hematoma* or bleed*))) and (thrombolyses or thrombolytic* or thrombolysis or sonothrombolysis or fibrinolytic* or fibrinolyser or alteplase or desmoteplase or tenecteplase or "rt pa" or rtpa or "t plasminogen" or tplasminogen or activase or "tissue activator d44" or "tissue activator d 44" or "tissue activators d44" or "tissue activators d 44" or tisokinase or ttpa or actilyse or "tissue plasminogen activator" or "tissueplasminogen activator" or "tissue plasminogen activators" or "tissueplasminogen activators" or "plasminogen activator tissue" or "plasminogen activators tissue" or "tissuetype plasminogen activator" or "tissue type plasminogen activator" or "tissuetype plasminogen activators" or "tissue type plasminogen activators" or "plasminogen activator tissuetype" or "plasminogen activators tissuetype") and (imaging or neuroimaging or neurosonolog* or ultrasonography* or radiograph* or magnetic* resonance or doppler ultrasound or arteriograph* or tomograph* or MRI or DWI or PWI or angiograph* or CTA or MRA or CTA-SI)