

Effekt av blodtrykksreduksjon på overlevelse og funksjonsnivå hos voksne med akutt hjerneblødning – PICO 1.7

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Kommentar: Søk etter systematiske oversikter og RCT-er
Tidsbruk: 4 timer

Dublettsjekk i EndNote:

Før dublettkontroll:

SR: 221

RCT: 348

Etter dublettkontroll:

SR: 154

RCT: 206

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 blodtrykksreduksjon på overlevelse og funksjonsnivå hos voksne med akutt hjerneblødning?	Voksne med hjerneblødning	Senke BT >140 mm Hg til et lavere nivå	Observere BT som er under 180 mm Hg uten behandling	mRS, død, livskvalitet, NIHSS

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

Dato: 23.02.2016

Antall treff: 130 totalt (81 SR og 58 RCT)

#	Searches	Results
1	intracranial hemorrhages/	4667
2	cerebral hemorrhage/	28803
3	basal ganglia hemorrhage/	123
4	putaminal hemorrhage/	108
5	intracranial hemorrhage, hypertensive/	273
6	((brain\$ or cerebr\$ or cerebell\$ or intracerebral or intracran\$ or parenchymal or intraparenchymal or intraventricular or infratentorial or supratentorial or basal gangli\$ or putaminal or putamen or posterior fossa or hemispher\$ or stroke) adj5 (h?emorrhag\$ or h?ematoma\$ or bleed\$)).tw.	50820

7	PICH.tw.	131
8	((hemorrhag\$ or haemorrhag\$) adj5 (cerebral vasc\$ or cerebrovasc\$ or cva)).tw.	718
9	or/1-8	64915
10	Blood Pressure/	248501
11	((blood or diastolic or pulse or systolic) adj2 pressure).mp.	398536
12	10 or 11	398536
13	9 and 12	3556
14	((systematic* or literature) adj2 review*).mp.	183382
15	(metaanalys* or meta analys*).mp. or (meta analysis or review).pt.	2128345
16	14 or 15	2187565
17	13 and 16	574
18	limit 17 to yr="2014 -Current"	81
19	randomized controlled trial.pt. or (placebo or sham).tw. or randomi#ed.ti. or randomly.tw.	709050
20	13 and 19	330
21	limit 20 to yr="2014 -Current"	58

Database: Embase 1974 to 2016 February 22

Dato: 23.02.2016

Antall treff: 163 totalt (67 SR og 101 RCT)

#	Searches	Results
1	brain hemorrhage/	72092
2	brain ventricle hemorrhage/	879
3	cerebellum hemorrhage/	935
4	subarachnoid hemorrhage/	33390
5	basal ganglion hemorrhage/	398
6	putaminal hemorrhage/	70
7	((brain\$ or cerebr\$ or cerebell\$ or intracerebral or intracran\$ or parenchymal or intraparenchymal or intraventricular or infratentorial or supratentorial or basal gangli\$ or putaminal or putamen or posterior fossa or hemispher\$ or stroke) adj5 (h?emorrhag\$ or h?ematoma\$ or bleed\$)).tw.	73514
8	PICH.tw.	192

9	((hemorrhag\$ or haemorrhag\$) adj5 (cerebral vasc\$ or cerebrovasc\$ or cva)).tw.	1066
10	or/1-9	127656
11	exp blood pressure/	453273
12	((blood or diastolic or pulse or systolic) adj2 pressure).mp.	516784
13	11 or 12	587777
14	10 and 13	8447
15	meta analysis/ or "systematic review"/ or ((systematic* adj2 review*) or metaanalys* or meta analys*).tw.	229337
16	14 and 15	253
17	limit 16 to yr="2014 -Current"	67
18	randomized controlled trial/ or randomi#ed.ti.	449864
19	14 and 18	427
20	limit 19 to yr="2014 -Current"	101
21	17 or 20	163

Database: The Cochrane Library (*Cochrane Database of Systematic Reviews: Issue 2 of 12, February 2016; Database of Abstracts of Reviews of Effect: Issue 2 of 4, April 2015; Cochrane Central Register of Controlled Trials: Issue 1 of 12, January 2016; Health Technology Assessment Database: Issue 4 of 4, October 2015*)

Dato: 23.02.2016

Antall treff: 121 totalt (11 SR og 110 primær)

ID	Search	Hits
#1	MeSH descriptor: [Intracranial Hemorrhages] this term only	189
#2	MeSH descriptor: [Cerebral Hemorrhage] this term only	735
#3	MeSH descriptor: [Basal Ganglia Hemorrhage] this term only	9
#4	MeSH descriptor: [Putaminal Hemorrhage] this term only	6
#5	MeSH descriptor: [Intracranial Hemorrhage, Hypertensive] this term only	17
#6	((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraparenchymal or intraventricular or infratentorial or supratentorial or basal next gangli* or putaminal or putamen or posterior next fossa or hemispher* or stroke) near/5 (h*emorrhag* or h*ematoma* or bleed*)):ti,ab,kw	5116
#7	PICH:ti,ab,kw	5
#8	((hemorrhag* or haemorrhag*) near/5 (cerebral next vasc* or cerebrovasc* or cva)):ti,ab,kw	237

#9	{or #1-#8}	5119
#10	MeSH descriptor: [Blood Pressure] explode all trees	24769
#11	((blood or diastolic or pulse or systolic) near/2 pressure):ti,ab,kw	54835
#12	{or #10-#11}	55308
#13	#9 and #12 Publication Year from 2014 to 2016, in Cochrane Reviews (Reviews and Protocols), Other Reviews and Technology Assessments	11
#14	#9 and #12 Publication Year from 2014 to 2016, in Trials	110
#15	#13 or #14	121

Database: CINAHL via EBSCOhost
Dato: 24.02.2016
Antall treff: 96 totalt (38 SR og 63 primær)

#	Query	Results
S1	(MH "Intracranial Hemorrhage")	1,162
S2	(MH "Cerebral Hemorrhage")	3,291
S3	(MH "Basal Ganglia Hemorrhage")	7
S4	TI (((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraparenchymal or intraventricular or infratentorial or supratentorial or basal gangli* or putaminal or putamen or posterior fossa or hemisphere* or stroke) N5 (h#emorrhag* or h#ematoma* or bleed*))) OR AB (((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraparenchymal or intraventricular or infratentorial or supratentorial or basal gangli* or putaminal or putamen or posterior fossa or hemisphere* or stroke) N5 (h#emorrhag* or h#ematoma* or bleed*)))	39,668
S5	TI PICH OR AB PICH	9
S6	TI (((hemorrhag* or haemorrhag*) N5 (cerebral vasc* or cerebrovasc* or cva))) OR AB (((hemorrhag* or haemorrhag*) N5 (cerebral vasc* or cerebrovasc* or cva)))	112
S7	S1 OR S2 OR S3 OR S4 OR S5 OR S6	41,109
S8	(MH "Blood Pressure+")	19,610
S9	TI (((blood or diastolic or pulse or systolic) N2 pressure)) OR AB (((blood or diastolic or pulse or systolic) N2 pressure))	27,796

S10	S8 OR S9	37,080
S11	S7 AND S10	2,908
S12	(MH "Systematic Review")	25,056
S13	(MH "Literature Review")	3,552
S14	(MH "Meta Analysis")	17,182
S15	PT systematic review OR PT review OR PT meta analysis	145,150
S16	TI ((metaanalys* or meta analys*)) OR AB ((metaanalys* or meta analys*))	17,339
S17	TI (((systematic* or literature) N2 review*)) OR AB (((systematic* or literature) N2 review*)) OR AB (((systematic* or literature) N2 review*))	59,746
S18	S12 OR S13 OR S14 OR S15 OR S16 OR S17	182,107
S19	S11 AND S18 Limiters - Published Date: 20140101-20161231	38
S20	(MH "Randomized Controlled Trials")	25,534
S21	PT Randomized Controlled Trial	30,280
S22	TI randomi#ed	35,032
S23	S20 OR S21 OR S22	52,759
S24	S11 AND S23 Limiters - Published Date: 20140101-20161231	63
S25	S19 OR S24	96

Database: Epistemonikos
Dato: 24.02.2016
Antall treff: 24 totalt (16 SR og 8 primærstudier)

(title:(((brain* OR cerebr* OR cerebell* OR cva OR intracerebral OR intracran* OR parenchymal OR intraparenchymal OR intraventricular OR infratentorial OR supratentorial OR "basal gangli*" OR putaminal OR putamen OR "posterior fossa" OR hemisphere* OR stroke OR cerebrovasc* OR cva) AND (hemorrhag* OR haemorrhag* OR hematoma* OR haematoma* OR bleed*) OR PICH)) OR abstract:(((brain* OR cerebr* OR cerebell* OR cva OR intracerebral OR intracran* OR parenchymal OR intraparenchymal OR intraventricular OR infratentorial OR supratentorial OR "basal gangli*" OR putaminal OR putamen OR "posterior fossa" OR hemisphere* OR stroke OR cerebrovasc* OR cva) AND (hemorrhag* OR haemorrhag* OR hematoma* OR haematoma* OR bleed*) OR PICH))) AND (title:(("blood pressure" OR "diastolic pressure" OR "pulse pressure" OR "systolic pressure")) OR abstract:(("blood pressure" OR "diastolic pressure" OR "pulse pressure" OR "systolic pressure")))) from 2014 to 2016

Database: PubMed
Dato: 24.02.2016
Antall treff: 16 (8 SR og 8 RCT)

((((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraparenchymal or intraventricular or infratentorial or supratentorial or basal gangli* or putaminal or putamen or posterior fossa or hemisphere* or stroke) AND (hemorrhage* or haemorrhag* or hematoma* or haematoma* or bleed*)) OR PICH OR ((hemorrhage* or haemorrhag*) AND (cerebrovasc* or cva)) AND "blood pressure" OR "diastolic pressure" OR "pulse pressure" OR "systolic pressure" AND (review* OR meta OR metaana*) AND pubstatusaheadofprint) OR (((brain* or cerebr* or cerebell* or intracerebral or intracran* or parenchymal or intraparenchymal or intraventricular or infratentorial or supratentorial or basal gangli* or putaminal or putamen or posterior fossa or hemisphere* or stroke) AND (hemorrhage* or haemorrhag* or hematoma* or haematoma* or bleed*)) OR PICH OR ((hemorrhage* or haemorrhag*) AND (cerebrovasc* or cva)) AND "blood pressure" OR "diastolic pressure" OR "pulse pressure" OR "systolic pressure" AND (random* OR placebo* OR sham*) AND pubstatusaheadofprint)

Database: Best Practice
Dato: 21.02.2016
Antall treff: 6

Søk:

brain hemorrhage, brain hematoma , Haemorrhagic stroke, intracranial hemorrhage

Treff:

[Haemorrhagic stroke](#)

[Overview of stroke](#)

[Assessment of aphasia](#)

[Subdural haematoma](#)

[Astrocytic brain tumours](#)

[Subarachnoid haemorrhage](#)

Database: UpToDate
Dato: 21.02.2016
Antall treff: 500+ (de 50 mest relevante presentert under)

Søk:

brain hemorrhage

brain hematoma

Haemorrhagic stroke

intracranial hemorrhage

Treff:

- [Anesthesia for carotid endarterectomy and carotid stenting](#)
- [Anesthesia for endovascular aortic repair](#)
- [Anesthesia for patients having deep brain stimulator implantation](#)
- [Aneurysmal subarachnoid hemorrhage: Epidemiology, risk factors, and pathogenesis](#)
- [Anticoagulant and antiplatelet therapy in patients with an unruptured intracranial aneurysm](#)
- [Anticoagulant and antiplatelet therapy in patients with brain tumors](#)
- [Antihypertensive therapy to prevent recurrent stroke or transient ischemic attack](#)
- [Brain arteriovenous malformations](#)
- [Cardiac complications of stroke](#)
- [Cerebral amyloid angiopathy](#)
- [Clinical diagnosis of stroke subtypes](#)
- [Clinical manifestations and diagnosis of aneurysmal subarachnoid hemorrhage](#)
- [Complications of carotid endarterectomy](#)
- [Differential diagnosis of transient ischemic attack and stroke](#)
- [Etiology, classification, and epidemiology of stroke](#)
- [Evaluation and management of elevated intracranial pressure in adults](#)
- [Evaluation and treatment of hypertensive emergencies in adults](#)
- [Initial assessment and management of acute stroke](#)

- [Intracranial epidural hematoma in adults](#)
- [Intravenous fibrinolytic \(thrombolytic\) therapy in acute ischemic stroke: Therapeutic use](#)
- [Intraventricular hemorrhage](#)
- [Ischemic stroke prognosis in adults](#)
- [Late recurrence of subarachnoid hemorrhage and intracranial aneurysms](#)
- [Management of acute severe traumatic brain injury](#)
- [Management of bleeding in patients receiving direct oral anticoagulants](#)
- [Medical complications of stroke](#)
- [Moyamoya disease: Treatment and prognosis](#)
- [Neurogenic pulmonary edema](#)
- [Nonaneurysmal subarachnoid hemorrhage](#)
- [Overview of the evaluation of stroke](#)
- [Perimesencephalic nonaneurysmal subarachnoid hemorrhage](#)
- [Reperfusion therapy for acute ischemic stroke](#)
- [Reversal of anticoagulation in warfarin-associated intracerebral hemorrhage](#)
- [Risk of intracerebral bleeding in patients treated with anticoagulants](#)
- [Screening for intracranial aneurysm](#)
- [Skull fractures in adults](#)
- [Spontaneous intracerebral hemorrhage: Pathogenesis, clinical features, and diagnosis](#)
- [Spontaneous intracerebral hemorrhage: Treatment and prognosis](#)
- [Stroke after cardiac catheterization](#)
- [Stroke in patients with atrial fibrillation](#)
- [Stroke-related pulmonary complications and abnormal respiratory patterns](#)
- [Subarachnoid hemorrhage grading scales](#)
- [Subdural hematoma in adults: Etiology, clinical features, and diagnosis](#)
- [Subdural hematoma in adults: Prognosis and management](#)
- [The use of antithrombotic therapy in patients with an acute or prior intracerebral hemorrhage](#)
- [Traumatic brain injury: Epidemiology, classification, and pathophysiology](#)
- [Treatment and prognosis of cerebral venous thrombosis](#)
- [Treatment of aneurysmal subarachnoid hemorrhage](#)
- [Treatment of brain metastases in favorable prognosis patients](#)
- [Vascular malformations of the central nervous system](#)