

Sammanställning av SCV forskning strokevård 2017-2019

1. Wireklint-Sundström B, Hagiwara M, Brink P, Herlitz J, Hansson P-O. The early chain of care and risk of death in acute stroke in relation to the priority given at the dispatch center – a multicentre observational study. *Eur J Cardiovasc. Nursing*. 2017;16: 623-631.
2. Hedén Ståhl C, Lind M, Svensson AM, Kosiborod M, Gudbjörnsdottir S, Pivodic A, Clements M, Rosengren A. Long-term excess risk of stroke in people with Type 2 diabetes in Sweden according to blood pressure level: a population-based case-control study. *Diabet Med* 2017;34:522-530.
3. Andersson Hagiwara M, Wireklint Sundström B, Brink P, Herlitz J, Hansson PO. A shorter system delay for haemorrhagic stroke than ischaemic stroke among patients who use emergency medical service. *Acta Neurol Scand* 2018;137: 523-530.
4. Ståhl CH, Lind M, Svensson AM, Gudbjörnsdottir S, Mårtensson A, Rosengren A. Glycaemic control and excess risk of ischaemic and haemorrhagic stroke in patients with type 1 diabetes: a cohort study of 33 453 patients. *J Intern Med* 2017;281:261-272.
5. Giang KW, Mandalenakis Z, Nielsen S, Björck L, Lappas G, Adiels M, Jern C, Rosengren A. Long-term trends in the prevalence of patients hospitalized with ischemic stroke from 1995 to 2010 in Sweden. *PLoS One*. 2017;12:e0179658.
6. Nordanstig A, Rosengren L, Strömberg S, Österberg K, Karlsson L, Bergström G, Fekete Z, Jood K. Editor's Choice - Very Urgent Carotid Endarterectomy is Associated with an Increased Procedural Risk: The Carotid Alarm Study. *Eur J Vasc Endovasc Surg*. 2017 Sep;54(3):278-286.
7. Jood K, Karlsson N, Medin J, Pessah-Rasmussen H, Wester P, Ekberg K. The psychosocial work environment is associated with risk of stroke at working age. *Scand J Work Environ Health*. 2017 Jul 1;43(4):367-374. doi: 10.5271/sjweh.3636.
8. Saarela M, Mustanoja S, Pekkola J; Tyni T, Hernesniemi J, Kivipelto L, Tatlisumak T. Moyamoya vasculopathy – patient demographics and characteristics in the Finnish population. *Int J Stroke* 2017;12:90-95. PMID: 27625049.
9. Mattila OS, Harve H, Pihlasviita S, Ritvonen J, Sibolt G, Pystynen M, Strbian D, Curtze S, Kuisma M, Tatlisumak T, Lindsberg PJ. Ultra-acute diagnostics for stroke: large-scale implementation of prehospital biomarker sampling. *Acta Neurol Scand* 2017;136:17-23. PMID: 27642014.
10. Gensicke H, Frih AA, Strbian D, Zini A, Pezzini A, Padjen V, Haueter M, Seiffge DJ, Mäkitie L, Traenka C, Poli L, Martinez-Majander N, Putaala J, Bonati LH, Sibolt G, Giovannini G, Curtze S, Beslac-Bumbasirevic L, Vandelli L, Lyrer PA, Nederkoorn PJ, Tatlisumak T, Engelter ST; Thrombolysis in Stroke Patients (TRISP) Collaborators. Prognostic significance of proteinuria in stroke patients treated with intravenous thrombolysis. *Eur J Neurol* 2017;24:262-269. PMID: 27862667.
11. Huber R, Grittner U, Weidemann F, Thijs V, Tanislav C, Enzinger C, Fazekas F, Wolf M, Hennerici MG, McCabe DJ, Putaala J, Tatlisumak T, Kessler C, von Sarnowski B, Martus P, Kolodny E, Norrving B, Rolfs A; Stroke in Young Fabry Patients (SIFAP) Investigators. Patent foramen ovale and cryptogenic strokes in the Stroke in Young Fabry Patients Study. *Stroke* 2017;48:30-35. PMID: 27899752.

12. von Sarnowski B, Schminke U, Grittner U, Tanislav C, Böttcher T, Hennerici MG, Tatlisumak T, Putaala J, Kaps M, Fazekas F, Enzinger C, Rolfs A, Kessler C, sifap1 Investigators. Posterior versus anterior circulation stroke in young adults: A comparative study of stroke aetiologies and risk factors in Stroke in Young Fabry Patients (sifap1). *Cerebrovasc Dis* 2017;43:152-160. PMID: 28088807.
13. Parkkonen E, Laaksonen K, Piitulainen H, Pekkola J, Parkkonen L, Tatlisumak T, Forss N. Strength of ~20-Hz rebound and motor recovery after stroke. *Neurorehabil Neural Repair* 2017;31:475-486. PMID: 28164736.
14. Paciaroni M, Agnelli G, Caso V, Tsivgoulis G, Furie KL; Tadi P, Becattini C, Falocci N, Zedde M, Abdul-Rahim AH, Lees KR, Alberti A, Venti M, Acciarresi M, D'Amore C, Mosconi MG, Cimini LA, Procopio A, Bovi P, Carletti M, Rigatelli A, Cappellari M, Putaala J, Tomppo L, Tatlisumak T, Bandini F, Marcheselli S, Pezzini A, Poli L, Padovani A, Masotti L, Vannucchi V, Sohn SI, Lorenzini G, Tassi R, Guideri F, Acampa M, Martini G, Ntaios G, Karagkiozi E, Athanasakis G, Makaritsis K, Vadikolias K, Liantinioti C, Chondrogianni M, Mumoli N, Consoli D, Galati F, Sacco S, Carolei A, Tiseo C, Corea F, Ageno W, Bellesini M, Colombo G, Silvestrelli G, Ciccone A, Scoditti U, Denti L, Mancuso M, Maccarrone M, Orlandi G, Giannini N, Gialdini G, Tassinari T, De Lodovici ML, Bono G, Rueckert C, Baldi A, D'Anna S, Toni D, Letteri F, Giuntini M, Lotti EM, Flomin Y, Pieroni A, Kargiotis O, Katapanayiotides T, Monaco S, Baronello MM, Csiba L, Szabó L, Chiti A, Giorli E, Del Sette M, Imberti D, Zabzuni D, Doronin B, Volodina V, Michel P, Vanacker P, Barlinn K, Pallesen LP; Kepplinger J, Bodechtel U, Gerber J, Deleu D, Melikyan G, Ibrahim F, Akhtar N, Gournali V, Yaghi S. Prediction of early recurrent thromboembolic event and major bleeding in patients with acute stroke and atrial fibrillation by a risk stratification schema: The ALESSA Score Study. *Stroke* 2017;48:726-732. PMID: 28183856.
15. Wu TY, Yassi N, Shah DG, Ma M, Sharma G, Putaala J, Strbian D, Campbell BC, Yan B, Tatlisumak T, Desmond PM; Davis SM, Meretoja A. Simultaneous multiple intracerebral hemorrhages (SMICH). *Stroke* 2017;48:581-586. PMID: 28232593.
16. Acciarresi M, Paciaroni M, Agnelli G, Falocci N, Caso V, Becattini C, Marcheselli S, Rueckert C, Pezzini A, Morotti A, Costa P, Padovani A, Csiba L, Szabó L, Sohn SI, Tassinari T, Abdul-Rahim AH, Michel P, Cordier M, Vanacker P, Remillard S, Alberti A, Venti M, D'Amore C, Scoditti U, Denti L, Orlandi G, Chiti A, Gialdini G, Bovi P, Carletti M, Rigatelli A, Putaala J, Tatlisumak T, Masotti L, Lorenzini G, Tassi R, Guideri F, Martini G, Tsivgoulis G, Vadikolias K, Liantinioti C, Corea F, Del Sette M, Ageno W, De Lodovici ML, Bono G, Baldi A, D'Anna S, Sacco S, Carolei A, Tiseo C, Imberti D, Zabzuni D, Doronin B, Volodina V, Consoli D, Galati F, Pieroni A, Toni D, Monaco S, Baronello MM, Barlinn K, Pallesen LP, Kepplinger J, Bodechtel U, Gerber J, Deleu D, Melikyan G, Ibrahim F, Akhtar N, Mosconi MG, Lees KR. Prestroke CHA₂DS₂-VASc score and severity of acute stroke in patients with atrial fibrillation: findings from RAF study. *J Stroke Cerebrovasc Dis* 2017;26:1363-1368. PMID: 28236595.
17. Traenka C, Dougoud D, Simonetti BG, Metso TM, Debette S, Pezzini A, Kloss M, Grond-Ginsbach C, Majersik JJ, Worrall BB, Leys D, Baumgartner R, Caso V, Bejot Y, Compter A, Reiner P, Thijs V, Southerland AM, Bersano A, Brandt T, Gensicke H, Touze E, Martin JJ, Chabriat H, Tatlisumak T, Lyrer P, Arnold M, Engelter ST; for the

- CADISP-Plus Study Group. Cervical artery dissection in patients ≥ 60 years: Often painless, few mechanical triggers. *Neurology* 2017;88:1313-1320. PMID: 28258079.
18. Wu TY, Sharma G, Strbian D, Putaala J, Desmond PM; Tatlisumak T, Davis SM, Meretoja A. Natural history of perihematomal edema and impact on outcome after intracerebral hemorrhage. *Stroke* 2017;48:873-879. PMID: 28275199.
 19. Durukan Tolvanen A, Tatlisumak E, Pedrono E, Abo-Ramadan U, Tatlisumak T. TIA model is attainable in Wistar rats by intraluminal occlusion of the MCA for 10 min or shorter. *Brain Res* 2017;1663:166-173. PMID: 28288870.
 20. Grond-Ginsbach C, Chen B, Krawczak M, Pjontek R, Ginsbach P, Jiang Y, Abboud S, Arnold ML, Bersano A, Brandt T, Caso V, Debette S, Dichgans M, Geschwendtner A, Giacalone G, Martin JJ, Metso AJ, Metso TM, Grau AJ, Kloss M, Lichy C, Pezzini A, Traenka C, Schreiber S, Thijs V, Touze E, del Zotto E, Tatlisumak T, Leys D, Lyrer PA, Engelster ST; CADISP Group. Genetic imbalance in patients with cervical artery dissection. *Curr Genomics* 2017;18:206-213. PMID: 28367076.
 21. Meretoja A, Keshtrakan M, Tatlisumak T, Donnan GA, Churilov L. Endovascular therapy for ischemic stroke: Save a minute-save a week. *Neurology* 2017;88:2123-2127. PMID: 28455382.
 22. Pirinen J, Eranti A, Knekt P, Lehto M, Martinez-Majander N, Aro AL; Rissanen H, Heliövaara M, Kaste M, Tatlisumak T, Huikuri H, Putaala J. ECG markers associated with ischemic stroke at young age – a case-control study. *Ann Med* 2017;49:562-568. PMID: 28657357.
 23. Ntaios G, Lip GYH, Vemmos K, Koroboki E, Manios E, Vemmas A, Rodriguez-Campello A, Cuadrado-Godia E, Roquer J, Arnao V, Caso V, Paciaroni M, Diez-Tejedor E, Fuentes B, Perez Lucas J, Arauz A, Ameriso SF, Pertierra L, Gomez-Schneider M, Hawkes MA, Bandini F, Chavarria Cano B, Iglesias Mohedano AM, Garcia Pastor A, Gil-Nunez A, Putaala J, Tatlisumak T, Barboza MA, Athanasakis G, Gioulekas F, Makaritsis K, Papavasileiou V. Age- and sex-specific analysis of patients with embolic stroke of undetermined source. *Neurology* 2017;89:532-539. PMID: 28687720.
 24. Satopää J, Mustanoja S, Meretoja A, Putaala J, Kaste M, Niemelä M, Tatlisumak T, Strbian D. Comparison of all 19 published prognostic scores for intracerebral hemorrhage. *J Neur Sci* 2017;379:103-108. PMID: 28716217.
 25. Thijs V, Grittner U, Fazekas F, McCabe DJH, Giese AK, Kessler C, Martus P, Norrving B, Ringelstein EB, Schmidt R, Tanislav C, Putaala J, Tatlisumak T, von Sarnowski B, Rolfs A, Enzinger C; Stroke in Fabry (SIFAP1) investigators. Dolichoectasia and small vessel disease in young patients with transient ischemic attack and stroke. *Stroke* 2017;48:2361-2367. PMID: 28754833.
 26. Wu TY, Putaala J, Sharma G, Strbian D, Tatlisumak T, Davis SM, Meretoja A. Persistent hyperglycemia is associated with increased mortality after intracerebral hemorrhage. *J Am Heart Assoc* 2017;6:e005760. PMID: 28768643.
 27. Hägg-Holmberg S, Thorn LM; Forsblom CM, Gordin D, Elonen N, Harjutsalo V, Liebkind R, Putaala J, Tatlisumak T, Groop PH, FinnDiane Study Group. Prognosis and its predictors after incident stroke in patients with type 1 diabetes. *Diabetes Care* 2017;40:1394-1400. PMID: 28811283.

28. Satopää J, Meretoja A, Koivunen RJ, Mustanoja S, Putaala J, Kaste M, Strbian D, Tatlisumak T, Niemelä MR. Treatment of intracerebellar haemorrhage: poor outcome and long-term mortality. *Surg Neurol Int* 2017;8:272. PMID: 29204307.
29. Antonenko K, Paciaroni M, Agnelli G, Falocci N, Becattini C, Marcheselli S, Rueckert C, Pezzini A, Poli L, Padovani A, Csiba L, Szabo L, Sohn SI, Tassinari T, Abdul-Rahim AH, Michel P, Cordier M, Vanacker P, Remillard S, Alberti A, Venti M, Acciarresi M, D'Amore C, Scoditti U, Denti L, Orlandi G, Chiti A, Gialdini G, Bovi P, Carletti M, Rigatelli A, Putaala J, Tatlisumak T, Masotti L, Lorenzini G, Tassi R, Guideri F, Martini G, Tsivgoulis G, Vadikolias K, Papageorgiou SG, Corea F, Del Sette M, Ageno W, De Lodovici ML, Bono G, Baldi A, D'Anna S, Sacco S, Carolei A, Tiseo C, Imberti D, Zabzuni D, Doronin B, Volodina V, Consoli D, Galati F, Pieroni A, Toni D, Monaco S, Baronello MM, Barlinn K, Pallesen LP, Kepplinger J, Bodechtel U, Gerber J, Deleu D, Melikyan G, Ibrahim F, Akhtar N, Mosconi MG, Lees KR, Caso V. Sex-related differences in risk factors, type of treatment received and outcomes in patients with atrial fibrillation and acute stroke: Results from the RAF-study (Early Recurrence and Cerebral Bleeding in Patients with Acute Ischemic Stroke and Atrial Fibrillation). *Eur Stroke J* 2017;2:46-53. PMID: 30886901.
30. Pirinen J, Putaala J, Aarnio K, Aro AL, Mustanoja S, Sinisalo J, Kaste M, Haapaniemi E, Tatlisumak T, Lehto M. Twelve-lead electrocardiogram and mortality in young adults after ischaemic stroke. *Eur J Stroke* 2017;2:77-86. PMID: 31008304.
31. Aarnio K, Gissler M, Grittner U, Siegering B, Kaste M, Tatlisumak T, Tikkanen M, Putaala J. Outcome of pregnancies and deliveries before and after ischaemic stroke. *Eur Stroke J* 2017;2:346-355. PMID: 31008326.
32. Paciaroni M, Agnelli G, Falocci N, Tsivgoulis G, Vadikolias K, Liantinioti C, Chondrogianni M, Bovi P, Carletti M, Cappellari M, Zedde M, Ntaios G, Karagkiozi E, Athanasakis G, Makaritsis K, Silvestrelli G, Lanari A, Ciccone A, Putaala J, Tomppo L, Tatlisumak T, Abdul-Rahim AH, Lees KR, Alberti A, Venti M, Acciarresi M, D'Amore C, Becattini C, Mosconi MG, Cimini LA, Soloperto R, Masotti L, Vannucchi V, Lorenzini G, Tassi R, Guideri F, Acampa M, Martini G, Sohn SI, Marcheselli S, Mumoli N, De Lodovici ML, Bono G, Furie KL, Tadi P, Yaghi S, Toni D, Letteri F, Tassinari T, Kargiotis O, Lotti EM, Flomin Y, Mancuso M, Maccarrone M, Giannini N, Bandini F, Pezzini A, Poli L, Padovani A, Scoditti U, Denti L, Consoli D, Galati F, Sacco S, Carolei A, Tiseo C, Gourbali V, Orlandi G, Giuntini M, Chiti A, Giorli E, Gialdini G, Corea F, Ageno W, Bellesini M, Colombo G, Monaco S, Maimone Baronello M, Karapanayiotides T, Caso V. Early recurrence and major bleeding in patients with acute ischemic stroke and atrial fibrillation treated with non-vitamin-K oral anticoagulants (RAF-NOACs) study. *J Am Heart Assoc* 2017;6:e007034. PMID: 29220330.
33. Westerlind E, Persson HC, Sunnerhagen KS: Return to work after a stroke in working age persons; a six-year follow up. *PLoS One*. 2017 Jan 6;12(1):e0169759. doi: 10.1371.
34. Bustrén E-L, Sunnerhagen KS, Alt Murphy M: Movement Kinematics of the Ipsilesional Upper Extremity in Persons With Moderate or Mild Stroke. *Neurorehabil Neural Repair*, 2017 Apr;31(4):376-386 .
35. Snickars J, Persson HC, Sunnerhagen KS: Factors influencing the recovery of arm and hand function one month after stroke. *J Rehab Med*, 2017; 49: 216-222.
36. Mühr O, Persson HC, Sunnerhagen KS: Long-term outcome after reperfusion treated stroke. *J Rehab Med*. 2017; 49:316-321.

37. Langhammer B, Sunnerhagen KS, Stanghelle KV, Sällström S, Becker F, Fugl-Meyer K: Life satisfaction in persons with severe stroke. A longitudinal report from the Sunnaas International Network (SIN) stroke study. *Eur Stroke J*, 2017, Vol. 2(2) 154–162.
38. Törnbom K, Sunnerhagen KS, Danielsson A: Perceptions of physical activity and walking in an early stage after stroke or acquired brain injury. *PLoS One*. 2017 Mar 8;12(3):e0173463. doi: 10.1371/journal.pone.0173463. .
39. Lekander I, Willers C, von Euler M, Lilja M, Sunnerhagen KS, Pessah-Rasmussen H, Borgström F: Relationship between functional disability and costs two years post stroke. *PLoS One*. 2017 Apr 6;12(4):e0174861. doi: 10.1371/journal.pone.0174861. eCollection 2017.
40. Walker MF, Hoffmann TC, Brady MC, Dean CM, Eng JJ, Farrin AF, Felix C, Forster A, Langhorne P, Lynch EA, Radford KA, Sunnerhagen KS, Watkins CL: Improving the development, monitoring and reporting of stroke rehabilitation research: consensus-based core recommendations from the Stroke Recovery and Rehabilitation Roundtable (SRRR). *Int J Stroke*. 2017 Jul;12(5):472-479.
41. Langhammer B, Sunnerhagen KS, Lundgren Nilsson Å, Sällström S, Becker F, Tong Z, Du, X, Bushnik T, Panchenko M, Keren O, Banura S, Elessi K, Deng W, Stanghelle J: Factors enhancing Activities of Daily Living after stroke in specialized rehabilitation. An observational multicenter study within the Sunnaas International Network. *Eur J Phys Rehabil Med*. 2017 Apr 14. doi: 10.23736/S1973-9087.17.04489-
42. Cordonnier C, Sprigg N, Sandset EC, Pavlovic A, Sunnerhagen KS, Caso V, Christensen N (On behalf of the Women Initiative for Stroke in Europe (W.I.S.E) group): Stroke in women: from evidence to inequalities. *Nat Rev Neurol*. 2017 Sep;13(9):521-532
43. Olsson OA, Persson HC, Alt Murphy M, Sunnerhagen KS: Early prediction of physical activity level one year after stroke, a longitudinal cohort study. *BMJ Open*. 2017 Aug 4;7(8):e016369. doi: 10.1136/bmjopen-2017-016369.
44. Persson HC, Törnbom K, Sunnerhagen KS, Törnbom M: Consequences and coping strategies 6 years after a subarachnoid hemorrhage – a qualitative study, *PLoS One*. 2017 Aug 30;12(8):e0181006. doi: 10.1371/journal.pone.0181006. eCollection 2017.
45. Lekander I, Willers C, Ekstrand E, von Euler M, Fagervall-Ytting B, Henricson L, Kostulas K, Lilja M, Sunnerhagen KS, Teichert J, Pessah-Rasmussen H: Hospital comparison of stroke care in Sweden: a register-based study. *BMJ Open*. 2017 Sep 7;7(9):e015244. doi: 10.1136/bmjopen-2016-015244.
46. Westerlind E, Persson HC, Sunnerhagen KS: Working capacity after a Subarachnoid haemorrhage - a Six-Year Follow-Up. *J Rehabil Med*. 2017 Nov 21;49(9):738-743. doi: 10.2340/16501977-2271.
47. Löwhagen Hendén P, Rentzos A, Karlsson JE, Rosengren L, Leiram B, Sundeman H, Dunker D, Schnabel K, Wikholm G, Hellström M, Ricksten SE. General Anesthesia Versus Conscious Sedation for Endovascular Treatment of Acute Ischemic Stroke: The AnStroke Trial (Anesthesia During Stroke). *Stroke* 48:1601-1607, 2017.
48. Nordanstig A, Asplund K, Norrving B, Wahlgren N, Wester P, Rosengren L. Impact of the Swedish National Stroke Campaign on stroke awareness. *Acta Neurol Scand*. 136:345-351, 2017. Erratum in: *Acta Neurol Scand* 139:313, 2019.

49. Rosengren L. Replik till Peter Appelros: - Följ riktlinjer och nationella beslutsstöd. *Lakartidningen* May 23:114, 2017.
50. Zhong Y, Rosengren A, Fu M, Welin L, Welin C, Caidahl K, Mandalenakis Z, Dellborg M, Svärdsudd K, Hansson PO. [Secular changes in cardiovascular risk factors in Swedish 50-year-old men over a 50-year period: The study of men born in 1913, 1923, 1933, 1943, 1953 and 1963](#). *Eur J Prev Cardiol*. 2017 Apr;24(6):612-620.
51. Traylor M, Malik R, Nalls MA, Cotlarciuc I, Radmanesh F, Thorleifsson G, Hanscombe KB, Langefeld C, Saleheen D, Rost NS, Yet I, Spector TD, Bell JT, Hannon E, Mill J, Chauhan G, Debette S, Bis JC, Longstreth WT Jr, Ikram MA, Launer LJ, Seshadri S; METASTROKE, UK Young Lacunar DNA Study, NINDS Stroke Genetics Network, Neurology Working Group of the CHARGE Consortium, Hamilton-Bruce MA, Jimenez-Conde J, Cole JW, Schmidt R, Slowik A, Lemmens R, Lindgren A, Melander O, Grewal RP, Sacco RL, Rundek T, Rexrode K, Arnett DK, Johnson JA, Benavente OR, Wasssertheil-Smoller S, Lee JM, Pulit SL, Wong Q, Rich SS, de Bakker PI, McArdle PF, Woo D, Anderson CD, Xu H, Heitsch L, Fornage M, Jern C, Stefansson K, Thorsteinsdottir U, Gretarsdottir S, Lewis CM, Sharma P, Sudlow CL, Rothwell PM, Boncoraglio GB, Thijs V, Levi C, Meschia JF, Rosand J, Kittner SJ, Mitchell BD, Dichgans M, Worrall BB, Markus HS; International Stroke Genetics Consortium. Genetic variation at 16q24.2 is associated with small vessel stroke. *Ann Neurol*. 2017;81:383-394.
52. Giese AK, Schirmer MD, Donahue KL, Cloonan L, Irie R, Winzeck S, Bouts MJRJ, McIntosh EC, Mocking SJ, Dalca AV, Sridharan R, Xu H, Frid P, Giralt-Steinhauer E, Holmegaard L, Roquer J, Wasselius J, Cole JW, McArdle PF, Broderick JP, Jimenez-Conde J, Jern C, Kissela BM, Kleindorfer DO, Lemmens R, Lindgren A, Meschia JF, Rundek T, Sacco RL, Schmidt R, Sharma P, Slowik A, Thijs V, Woo D, Worrall BB, Kittner SJ, Mitchell BD, Rosand J, Golland P, Wu O, Rost NS. Design and rationale for examining neuroimaging genetics in ischemic stroke: The MRI-GENIE study. *Neurol Genet*. 2017;3:e180.
53. Ohlsson C, Bygdell M, Sonden A, Jern C, Rosengren A, Kindblom JM. BMI increase through puberty and adolescence is associated with risk of adult stroke. *Neurology*. 2017;89:363-369.
54. Bunketorp-Käll L, Lundgren-Nilsson Å, Samuelsson H, Pekny T, Blomvé K, Pekna M, Pekny M, Blomstrand C, Nilsson M. Long-Term Improvements After Multimodal Rehabilitation in Late Phase After Stroke: A Randomized Controlled Trial. *Stroke*. 2017 Jul;48(7):1916-1924. doi: 10.1161/STROKEAHA.116.016433. Epub 2017 Jun 15. Erratum in: *Stroke*. 2017 Sep;48(9):e272. PMID: 28619985.
55. Pohl P, Carlsson G, Bunketorp Käll L, Nilsson M, Blomstrand C. A qualitative exploration of post-acute stroke participants' experiences of a multimodal intervention incorporating horseback riding. *PLoS One*. 2018 Sep 20;13(9):e0203933. doi: 10.1371/journal.pone.0203933. PMID: 30235246; PMCID: PMC6147507.
56. Persson J, Levin LÅ, Holmegaard L, Redfors P, Jood K, Jern C, Blomstrand C, Forsberg-Wärleby G. Stroke survivors' long-term QALY-weights in relation to their spouses' QALY-weights and informal support: a cross-sectional study. *Health Qual Life Outcomes*. 2017 Jul 25;15(1):150. doi: 10.1186/s12955-017-0724-7. PMID: 28743277; PMCID: PMC5526309.
57. Persson J, Aronsson M, Holmegaard L, Redfors P, Stenlöf K, Jood K, Jern C, Blomstrand C, Forsberg-Wärleby G, Levin LÅ. Long-term QALY-weights among

- spouses of dependent and independent midlife stroke survivors. *Qual Life Res.* 2017 Nov;26(11):3059-3068. doi: 10.1007/s11136-017-1636-z. Epub 2017 Jun 29. PMID: 28664459; PMCID: PMC5655581.
58. Persson J, Levin LÅ, Holmegaard L, Redfors P, Svensson M, Jood K, Jern C, Blomstrand C, Forsberg-Wärleby G. Long-term cost of spouses' informal support for dependent midlife stroke survivors. *Brain Behav.* 2017 May 3;7(6):e00716. doi: 10.1002/brb3.716. PMID: 28638721; PMCID: PMC5474719.
 59. Gerafi J, Samuelsson H, Viken JJ, Blomgren C, Claesson L, Kallio S, Jern C, Blomstrand C, Jood K. Neglect and aphasia in the acute phase as predictors of functional outcome 7 years after ischemic stroke. *Eur J Neurol.* 2017 Nov;24(11):1407-1415. doi: 10.1111/ene.13406. Epub 2017 Sep 13. PMID: 28803458.
 60. Abzhandadze T, Forsberg-Wärleby G, Holmegaard L, Redfors P, Jern C, Blomstrand C, Jood K. Life satisfaction in spouses of stroke survivors and control subjects: A 7-year follow-up of participants in the Sahlgrenska Academy study on ischaemic stroke. *J Rehabil Med.* 2017 Jul 7;49(7):550-557. doi: 10.2340/16501977-2242. PMID: 28657641.
 61. Pohl P, Carlsson G, Bunketorp Käll L, Nilsson M, Blomstrand C. Experiences from a multimodal rhythm and music-based rehabilitation program in late phase of stroke recovery - A qualitative study. *PLoS One.* 2018 Sep 18;13(9):e0204215. doi: 10.1371/journal.pone.0204215. PMID: 30226862; PMCID: PMC6143265.
 62. Bunketorp-Käll L, Lundgren-Nilsson Å, Nilsson M, Blomstrand C. Multimodal rehabilitation in the late phase after stroke enhances the life situation of informal caregivers. *Top Stroke Rehabil.* 2018 Apr;25(3):161-167. doi: 10.1080/10749357.2017.1413761. Epub 2017 Dec 13. PMID: 29237339.
 63. Holmegaard L, Jensen C, Redfors P, Blomstrand C, Jern C, Jood K. Long-term progression of white matter hyperintensities in ischemic stroke. *Acta Neurol Scand.* 2018 Dec;138(6):548-556. doi: 10.1111/ane.13019. Epub 2018 Sep 24. PMID: 30152523.
 64. Blomgren C, Jood K, Jern C, Holmegaard L, Redfors P, Blomstrand C, Claesson L. Long-term performance of instrumental activities of daily living (IADL) in young and middle-aged stroke survivors: Results from SAHLSIS outcome. *Scand J Occup Ther.* 2018 Mar;25(2):119-126. doi: 10.1080/11038128.2017.1329343. Epub 2017 May 19. PMID: 28521582.
 65. Åberg ND, Åberg D, Jood K, Nilsson M, Blomstrand C, Kuhn HG, Svensson J, Jern C, Isgaard J. Altered levels of circulating insulin-like growth factor I (IGF-I) following ischemic stroke are associated with outcome - a prospective observational study. *BMC Neurol.* 2018 Aug 6;18(1):106. doi: 10.1186/s12883-018-1107-3. PMID: 30081862; PMCID: PMC6091156.
 66. Rentzos A, Karlsson JE, Lundqvist C, Rosengren L, Hellström M, Wikholm G. Endovascular treatment of acute ischemic stroke in the posterior circulation. *Interv Neuroradiol* 24:405-411, 2018.
 67. Rosengren LE, von Euler M, Norrving B, Thomasson Somme P, Wester P, Andersson T, Borota L, Cronqvist M, Flodmark O, Ramgren B, Rentzos A, Söderman M. Replik till Vilhelm Sjögren m fl: Värna utförarens kompetens vid intrakraniell trombektomi. *Läkartidningen.* 2018;115:FAD.

68. Sandelius Å, Cullen NC, Källén Å, Rosengren L, Jensen C, Kostanjevecki V, Vandijck M, Zetterberg H, Blennow K. Transient increase in CSF GAP-43 concentration after ischemic stroke. *BMC Neurol* 18:202, 2018.
69. Persson HC, Carlsson L, Sunnerhagen KS: Living situation of persons with subarachnoid hemorrhage: a five year follow up study. *Acta Neurol Scand.* 2018 Jan;137(1):99-104. doi: 10.1111/ane.12815
70. Thrane G, Sunnerhagen KS, Persson HC, Opheim A, Alt Murphy M: Kinematics of a drinking task in patients with high Fugl-Meyer scores. *Physiother Theory Pract.* 2018 Apr 16:1-11. doi: 10.1080/09593985.2018.1458929.
71. Paanalahti M, Berzina G, Lundgren-Nilsson Å, Arndt T, Sunnerhagen KS: Examination of the relevance of the ICF cores set for stroke by comparing with the Stroke Impact Scale. *Disabil Rehabil.* 2018 Mar 5:1-6. doi: 10.1080/09638288.2017.1396368
72. Törnbom K, Hadartz K, Sunnerhagen KS: Self-perceived Participation and Autonomy at 1-year post-stroke: a part of the SALGOT-study. *J Stroke Cerebrovasc Dis.* 2018 Apr;27(4):1115-1122.
73. Alt Murphy M, Murphy S, Persson HC, Bergström U-B, Sunnerhagen KS: Kinematic analysis using 3D motion capture of drinking task in people with and without upper-extremity impairments. *Jo Vis Exp.* 2018 Mar 28;(133). doi: 10.3791/57228.
74. Willers C, Lekander I, Ekstrand E, Lilja M, Pessah-Rasmussen H, Sunnerhagen KS, von Euler M: Sex as predictor for achieved health outcomes and received care in Swedish patients with ischemic or hemorrhagic stroke. *Biology of Sex Differences*, 2018 Mar 7;9(1):11. doi: 10.1186/s13293-018-0170-1.
75. Barros NE, Forero SM, Galeano CF, Hernández ED, Landinez NS, Sunnerhagen KS, Alt Murphy M: Translation and Cultural Validation of Clinical Observational Scales – The Fugl-Meyer Assessment for Post Stroke Sensorimotor Function in Colombian Spanish. *Disabil Rehabil.* 2018 Apr 24:1-7. doi: 10.1080/09638288.2018.1464604.
76. Sunnerhagen KS, Opheim A, Alt-Murphy M: The onset, time course and prediction of spasticity after stroke or traumatic brain injury. *Ann Phys Rehabil Med.* 2018 May 14. pii: S1877-0657(18)30059-9. doi: 10.1016/j.rehab.2018.04.004
77. Hussain N, Alt Murphy M, Sunnerhagen KS: Kinematic variables quantifying upper limb motor function after stroke using virtual reality technique. *Front Neurol.* 2018 May 9;9:300. doi: 10.3389/fneur.2018.00300. eCollection 2018.
78. Langhammer B, Sunnerhagen KS, Sällström S, Becker F, Stanghelle JK: Return to work after specialized / comprehensive rehabilitation – an explorative longitudinal study in a cohort of severely disabled persons with stroke in seven countries. The SIN (Sunnaas International Network) Stroke Study. *Brain Behav.* 2018 Aug;8(8):e01055. doi: 10.1002/brb3.1055.
79. Rafsten L, Danielsson A, Sunnerhagen KS: Anxiety and worry after stroke: a systematic review and meta-analysis. *J Rehabil Med.* 2018 Sep 28;50(9):769-778. doi: 10.2340/16501977-2384.
80. Palstam A, Törnbom M, Sunnerhagen KS: Experiences of returning to work, and maintaining work 7 to 8 years after stroke - a qualitative interview study. *BMJ Open.* 2018 Jul 16;8(7):e021182. doi: 10.1136/bmjopen-2017-021182.

81. Thrane G, Alt Murphy M, Sunnerhagen KS: Recovery of arm function in well-performing people with subacute stroke. *J Neuroeng Rehabil.* 2018 Jul 18;15(1):67. doi: 10.1186/s12984-018-0409-4.
82. Reinholdsson M, Palstam A, Sunnerhagen KS: Prestroke physical activity could influence acute stroke severity (part of PAPSIGOT). *Neurology.* 2018 Oct 16;91(16):e1461-e1467.
83. Abzhandadze T, Rafsten L, Lundgren-Nilsson Å, Sunnerhagen KS: Feasibility of cognitive functions screened with the Montreal Cognitive Assessment in determining ADL dependence early after stroke. *Front Neurol.* 2018 Aug 27;9:705. doi: 10.3389/fneur.2018.00705. eCollection 2018. PMID: 30210432
84. Küçükdeveci AA, Sunnerhagen KS, Golyk V, Delarque A, Ivanova G, Zampolini M, Kiekens C, Varela Donoso E, Christodoulou N: Evidence Based Position Paper on Physical and Rehabilitation Medicine (PRM) professional practice for persons with stroke. The European PRM position (UEMS PRM Section). *Eur J Phys Rehabil Med.* 2018 Aug 29. doi: 10.23736/S1973-9087.18.05501-6.
85. Norrving B, Barrick J, Davalos A, Dichgans M, Cordonnier C, Guekht A, Kutluk K, Mikulik R, Wardlaw J, Richard E, Nabavi D, Molina C, Bath PM, Sunnerhagen KS, Rudd A, Drummond A, Planas A, Caso V, on behalf of the Action Plan for Stroke in Europe working group* : Action Plan for Stroke in Europe 2018 – 2030. *European Stroke J.* 2018; 3: 4 309–336
86. Willers C, Sunnerhagen KS, Lekander I, von Euler M: Pre-stroke psychosis and its association with levels of health, resource utilization and care process after stroke: a registry-based study. *Front Neurol.* 2018 Dec 3;9:1042. doi: 10.3389/fneur.2018.01042. eCollection 2018.
87. Silvis SM, Hiltunen S, Lindgren E, Jood K, Zuurbier SM, Middeldorp S, Putaala J, Cannegieter SC, Tatlisumak T, Coutinho JM. Cancer and risk of cerebral venous thrombosis: a case-control study. *J Thromb Haemost.* 2018 Jan;16(1):90-95.
88. Zuurbier SM, Hiltunen S, Lindgren E, Silvis SM, Jood K, Devasagayam S, Kleinig TJ, Silver FL, Mandell DM, Putaala J, Tatlisumak T, Coutinho JM. Cerebral Venous Thrombosis in Older Patients. *Stroke.* 2018;49:197-200.
89. Scheitz JF, Gensicke H, Zinkstok SM, Curtze S, Arnold M, Hametner C, Pezzini A, Turc G, Zini A, Padjen V, Wegener S, Nordanstig A, Kellert L, Kägi G, Bejot Y, Michel P, Leys D, Nolte CH, Nederkoorn PJ, Engelter ST; TRISP collaboration. Cohort profile: Thrombolysis in Ischemic Stroke Patients (TRISP): a multicentre research collaboration. *BMJ Open.* 2018 Sep 17;8(9):e023265.
90. Kragsterman B, Nordanstig A, Lindström D, Strömberg S, Thuresson M, Nordanstig J. Editor's Choice - Effect of More Expedited Carotid Intervention on Recurrent Ischaemic Event Rate: A National Audit. *Eur J Vasc Endovasc Surg.* 2018 Oct;56(4):467-474.
91. Giang KW, Mandalenakis Z, Dellborg M, Lappas G, Eriksson P, Hansson PO, Rosengren A. Long-Term Risk of Hemorrhagic Stroke in Young Patients With Congenital Heart Disease. *Stroke* 2018;49:1155-1162.
92. Eriksson HP, Andersson E, Schiöler L, Söderberg M, Sjöström M, Rosengren A, Torén K. Longitudinal study of occupational noise exposure and joint effects with job strain and risk for coronary heart disease and stroke in Swedish men. *BMJ Open* 2018;8:e019160.

93. Turunen KEA, Laari SPK; Kauranen TV, Uimonen J, Mustanoja S, Tatlisumak T, Poutiainen E. Domain-specific cognitive recovery after first-ever stroke – a 2-year follow-up. *J Int Neuropsych Soc* 2018;24:117-127. PMID: 28791943.
94. Rätty S, Silvennoinen K, Tatlisumak T. Prehospital pathways of occipital stroke patients with mainly visual symptoms. *Acta Neurol Scand* 2018;137:51-58. PMID: 28804875.
95. Sykora M, Putaala J, Meretoja A, Tatlisumak T, Strbian D. Beta-blocker therapy is not associated with mortality after intracerebral hemorrhage. *Acta Neurol Scand* 2018;137:105-108. PMID: 28869294.
96. Zonneveld TP, Curtze S, Zinkstok SM, Gensicke H, Moulin S, Scheitz JF, Seiffge DJ; Hametner C, Heldner MR, Traenka C, Erdur H, Baharoglu I, Martinez-Majander N, Pezzini A, Zini A, Padjen V, Correia PN, Strbian D, Michel P, Bejot Y, Arnold M, Leys D, Ringleb PA, Tatlisumak T, Nolte CH, Engelter ST, Nederkoorn PJ; TRISP Collaborators. Non-office-hours admission affects intravenous thrombolysis treatment times and clinical outcome. *J Neurol Neurosurg Psychiatry* 2018;89:1005-1007. PMID: 29070647.
97. Lindgren E, Jood K, Tatlisumak T. Vocational outcome in cerebral venous thrombosis: long-term follow-up study. *Acta Neurol Scand* 2018;137:299-307. PMID: 29159843.
98. Martinez-Majander N, Aarnio K, Pirinen J, Lumikari T, Nieminen T, Lehto M, Sinisalo J, Kaste M, Tatlisumak T, Putaala J. Embolic strokes of undetermined source in young adults: baseline characteristics and long-term outcome. *Eur J Neurol* 2018;25:535-541. PMID: 29218790.
99. Gensicke H, Al Sultan AS, Strbian D, Hametner C, Zinkstok SM; Moulin S, Bill O, Zini A, Padjen V, Kägi G, Pezzini A, Seiffge DJ, Traenka C, Rätty S, Amiri H, Zonneveld TP, Lachenmeier R, Polymeris A, Roos YB, Gumbinger C, Jovanovic DR, Curtze S, Sibolt G, Vandelli L, Ringleb PA, Leys D, Cordonnier C, Michel P, Lyrer PA, Peters N, Tatlisumak T, Nederkoorn PJ, Engelter ST; Thrombolysis in Stroke Patients (TRISP) Collaborators. Intravenous thrombolysis and platelet count. *Neurology* 2018;90:e690-e697. PMID: 29367438.
100. Liebkind R, Gordin D, Strbian D, Meretoja A, Thorn LM, Hägg-Holmberg S, Forsblom C, Tatlisumak T, Groop PH, Putaala J. Diabetes and intracerebral hemorrhage: baseline characteristics and mortality. *Eur J Neurol* 2018;25:825-832. PMID: 29443444.
101. Kellert L, Grau A, Pezzini A, Dèbette S, Leys D, Caso V, Thijs V, Bersano A, Touze E, Tatlisumak T, Traenka C, Lyrer PA, Engelter ST, Metso T, Grond-Ginsbach C, Kloss M; Cervical Artery Dissection and Ischemic Stroke Patients (CADISP)-Study Group. University education and cervical artery dissection. *J Neurol* 2018;265:1065-1070. PMID: 29478223.
102. Kasner SE, Lavados P, Sharma M, Wang Y, Wang Y, Davalos A, Shamalov N, Cunha L, Lindgren A, Mikulik R, Arauz A, Lang W, Czlonkowska A, Eckstein J, Gagliardi R, Amarenco P, Ameriso SF, Tatlisumak T, Veltkamp R, Hankey GJ, Toni DS, Bereczki D, Uchiyama S, Ntaios G, Yoon BW, Brouns R, DeVries Basson MM, Endres M, Muir K, Bornstein N, Ozturk S, O'Donnell M, Mundl H, Pater C, Weitz J, Peacock WF, Swaminathan B, Kirsch B, Berkowitz SD, Peters G, Pare G, Themeles E, Shoamanesh A, Connolly SJ, Hart RG; NAVIGATE ESUS Steering Committee and Investigators. Characterization of patients with embolic strokes of undetermined source in the NAVIGATE ESUS randomized trial. *J Stroke Cerebrovasc Dis* 2018;27:1673-1682. PMID: 29525076.

103. Nzwalo H, Nogueira J, Guilherme P, Abreu P, Felix C, Ferreira F, Ramalheite S, Marreiros A, Tatlisumak T, Thomassen L, Lagolla N. Hospital readmissions after spontaneous intracerebral hemorrhage in Southern Portugal. *Clin Neurol Neurosurg* 2018;169:144-148. PMID: 29665499.
104. Mustanoja S, Putaala J, Koivunen RJ, Surakka I, Tatlisumak T. Blood pressure levels in the acute phase after intracerebral hemorrhage are associated with mortality in young adults. *Eur J Neur* 2018;25:1034-1040. PMID: 29683540.
105. Hart RG, Sharma M, Mundl H, Kasner SE, Bangdiwala SI, Berkowitz SD, Swaminathan B, Lavados P, Wang Y, Wang Y, Davalos A, Shamalov N, Mikulik R, Cunha L, Lindgren A, Arauz A, Lang W, Czlonkowska A, Eckstein J, Gagliardi RJ, Amarenco P, Ameriso SF, Tatlisumak T, Veltkamp R, Hankey GJ, Toni D, Bereczki D, Uchiyama S, Ntaios G, Yoon B-W, Brouns R, Endres M, Muir KW, Bornstein N, Öztürk S, O'Donnell MJ, De Vries Basson MM, Pare G, Pater C, Kirsch B, Sheridan P, Peters G, Weitz JI, Peacock WF, Shoamanesh A, Benavente OR, Joyner C, Themeles E, Connolly SJ, for the NAVIGATE ESUS Investigators. Rivaroxaban for stroke prevention after embolic stroke of undetermined source. *N Engl J Med* 2018;378:2191-2201. PMID: 29766772.
106. Pihlasviita S, Mattila OS, Ritvonen J, Sibolt G, Curtze S, Strbian D, Harve H, Pystynen M, Kuisma M, Tatlisumak T, Lindsberg PJ. Diagnosing cerebral ischemia with door-to-thrombolysis times below 20 minutes. *Neurology* 2018;91:e498-e508. PMID: 29997196.
107. Compter A, Schilling S, Vaineau CJ, Goeggel-Simonetti B, Metso TM, Southerland A, Pezzini A, Kloss M, Touze E, Worrall BB, Thijs V, Bejot Y, Reiner P, Grond-Ginsbach C, Bersano A, Brandt T, Caso V, Lyrer PA, Traenka C, Lichy C, Martin JJ, Leys D, Sarikaya H, Baumgartner RW, Jung S, Fischer U, Engelter ST, Dallongeville J, Chabriat H, Tatlisumak T, Boussier MG, Arnold M, Debette S, for the CADISP-Plus Consortium. Determinants and outcome of multiple and early recurrent cervical artery dissections. *Neurology* 2018;91:e769-e780. PMID: 30068628.
108. Aarnio K, Rodriguez-Pardo J, Siegerink B, Hardt J, Broman J, Tulkki L, Haapaniemi E, Kaste M, Tatlisumak T, Putaala J. Return to work after ischemic stroke in young adults: A registry-based follow-up study. *Neurology* 2018;91:e1909-e1917. PMID: 30315074.
109. Ntaios G, Lip GYH, Lambrou D, Michel P, Perlepe K, Eskandari A, Nannoni S, Sirimarco G, Strambo D, Vemmos K, Koroboki E, Manios E, Vemmou A, Rodríguez-Campello A, Cuadrado E, Roquer J, Arnao V, Caso V, Paciaroni M, Díez-Tejedor E, Fuentes B, Rodríguez-Pardo J, Arauz A, Ameriso S, Pertierra L, Gomez-Schneider M, Hawkes M, Bandini F, Chavarria Cano B, Iglesias Mohedano A, García Pastor A, Gil-Núñez A, Putaala J, Tatlisumak T, Barboza M, Karagkiozi E, Makaritsis K, Papavasileiou V. Renal function and risk stratification of patients with embolic stroke of undetermined source. *Stroke* 2018;49:2904-2909. PMID: 30571398.
110. Paciaroni M, Bandini F, Agnelli G, Tsivgoulis G, Yaghi S, Furie K, Tadi P, Becattini C, Zedde M, Abdul-Rahim AH, Lees KR, Alberti A, Venti M, Acciarresi M, D'Amore C, Mosconi MG, Cimini LA, Altavilla R, Volpi G, Bovi P, Carletti M, Rigatelli A, Cappellari M, Putaala J, Tomppo LM, Tatlisumak T, Bandini F, Marcheselli S, Pezzini A, Padovani A, Masotti L, Vannucchi V, Sohn SI, Lorenzini G, Tassi R, Guideri F, Acampa M, Martini G, Ntaios G, Athanasakis G, Makaritsis K, Karagkiozi E, Vadikolias K, Liantinioti C, Chondrogianni M, Mumoli N, Consoli D, Galati F, Sacco S, Carolei A, Tiseo C, Corea F, Ageno W, Bellesini M, Colombo G, Silvestrelli G,

- Ciccone A, Lanari A, Scoditti U, Denti L, Mancuso M, Macarrone M, Orlandi G, Giannini N, Gialdini G, Tassinari T, De Lodovici ML, Bono G, Rueckert C, Baldi A, D'Anna S, Toni D, Letteri F, Giuntini M, Lotti EM, Flomin Y, Pieroni A, Kargiotis O, Karapanayiotides T, Monaco S, Baronello MM, Csiba L, Szabo L, Chiti A, Giorli E, Del Sette M, Imberti D, Zabzuni D, Doronin B, Volodina V, Michel P, Vanacker P, Barlinn K, Pallesen LP, Kepplinger J, Bodechtel U, Gerber J, Deleu D, Melikyan G, Ibrahim F, Akhtar N, Gourbali V, Caso V. Hemorrhagic transformation in patients with acute ischemic stroke and atrial fibrillation: time to initiation of oral anticoagulant therapy and outcomes. *J Am Heart Assoc* 2018;7:e010133. PMID: 30571487.
111. Kivioja R, Pietilä A, Martinez-Majander N, Gordin D, Havulinna AS, Salomaa V, Aarnio K, Curtze S, Leiviskä J, Rodriguez-Pardo J, Surakka I, Kaste M, Tatlisumak T, Putaala J. Risk factors for early-onset stroke: A case-control study. *J Am Heart Assoc* 2018;7:e009774. PMID: 30608196.
 112. Cole JW, Xu H, Ryan K, Jaworek T, Dueker N, McArdle P, Gaynor B, Cheng YC, O'Connell J, Bevan S, Malik R, Ahmed NU, Amouyel P, Anjum S, Bis JC, Crosslin D, Danesh J, Engelter ST, Fornage M, Frossard P, Gieger C, Giese AK, Grond-Ginsbach C, Ho WK, Holliday E, Hopewell J, Hussain M, Iqbal W, Jabeen S, Jannes J, Kamal A, Kamatani Y, Kanse S, Kloss M, Lathrop M, Leys D, Lindgren A, Longstreth WT Jr, Mahmood K, Meisinger C, Metso TM, Mosley T Jr, Müller-Nurasyid M, Norrving B, Parati E, Peters A, Pezzini A, Quereshi I, Rasheed A, Rauf A, Salam T, Shen J, Słowik A, Stanne T, Strauch K, Tatlisumak T, Thijs VN, Tiedt S, Traylor M, Waldenberger M, Walters M, Zhao W, Boncoraglio G, Debette S, Jern C, Levi C, Markus H, Meschia J, Rolfs A, Rothwell P, Saleheen D, Seshadri S, Sharma P, Sudlow C, Worrall B, Stine OC, Kittner SJ; METASTROKE Consortium of the ISGC; WTCCC-2 Consortium, Mitchell BD. Genetics of the thrombomodulin-endothelial cell protein C receptor system and the risk of early-onset ischemic stroke. *PLoS One*. 2018;13:e0206554.
 113. Malik R, Chauhan G, Traylor M, Sargurupremraj M, Okada Y, Mishra A, Rutten-Jacobs L, Giese A-K, van der Laan SW, Gretarsdottir S, Anderson CD, Chong M, Adams HHH, Ago T, Almgren P, Amouyel P, Ay H, Bartz TM, Benavente OR, Bevan S, Boncoraglio GB, Brown RD, Butterworth AS, Carrera C, Carty CL, Chasman DI, Chen W-M, Cole JW, Correa A, Cotlarciuc I, Cruchaga C, Danesh J, de Bakker PIW, den Hoed M, Duan Q, Engelter ST, Falcone GJ, Gottesman RF, Grewal RP, Gudnason V, Gustafsson S, Haessler J, Harris TB, Hassan A, Havulinna AS, Heckbert SR, Holliday EG, Howard G, Hsu F-C, Hyacinth HI, Ikram MA, Ingelsson E, Irvin MR, Jian X, Jiménez-Conde J, Johnson JA, Jukema JW, Kanai M, Keene KL, Kissela BM, Kleindorfer DO, Kooperberg C, Kubo M, Lange L, Langefeld CD, Launer LJ, Lee J-M, Lemmens R, Leys D, Lewis CM, Lin W-Y, Lindgren AG, Magnusson PK, Maguire J, Manichaikul A, McArdle PF, Meschia JF, Mitchell BD, Mosley TH, Nalls MA, Ninomiya T, O'Donnell MJ, Psaty BM, Pulit SL, Rannikmäe K, Reiner AP, Rexrode KM, Rice K, Rich SS, Ridker PM, Rost NS, Rothwell PM, Rotter JI, Rundek T, Sacco RL, Sakaue S, Sale MM, Salomaa V, Schmidt R, Schmidt CO, Schminke U, Sharma P, Slowik A, Sudlow CLM, Tanislav C, Tatlisumak T, Thijs VNS, Thorleifsson G, Thorsteinsdottir U, Tiedt S, Trompet S, Tzourio C, van Duijn CM, Walters M, Wassertheil-Smoller S, Wiggins KL, Wilson JG, Yang Q, Yusuf S, AFGen consortium, Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, International Genomics of Blood Pressure (iGEN-BP) Consortium, INVENT consortium, Bis JC, Pastinen T, Ruusalepp A, Schadt EE, Koplev S, Björkegren JLM, Codoni V, Civelek M, Smith N, Trégouët DA, Lubitz SA, Ellinor PT, Christophersen IE, Roselli C, Tai ES, Kooner JS, Kato N, He J, van der Harst P, Elliott

- PC, Chambers JC, Fumihiko T, BioBank Japan Cooperative Hospital Group, COMPASS consortium, EPIC-CVD consortium, International Stroke Genetics Consortium (ISGC), METASTROKE Consortium, Neurology Working Group of the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, NINDS Stroke Genetics Network (SiGN), UK Young Lacunar DNA Study, Sanghera DK, Melander O, Jern C, Strbian D, Fernandez-Cadenas I, Longstreth Jr WT, Rolfs A, Hata J, Woo D, Rosand J, Pare G, Hopewell JC, Saleheen D, Stefansson K, Worrall BB, Kittner SJ, Seshadri S, Fornage M, Markus HS, Howson JM, Kamatani Y, DeBette S, Dichgans M. Multi-ancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. *Nat Genet.* 2018;50:524-537.
114. Pedersen A, Stanne TM, Redfors P, Viken J, Samuelsson H, Nilsson S, Jood K, Jern C. Fibrinogen concentrations predict long-term cognitive outcome in young ischemic stroke patients. *Res Pract Thromb Haemost.* 2018;2:339-346.
 115. Blomgren C, Jood K, Jern C, Holmegaard L, Redfors P, Blomstrand C, Claesson L. Long-term performance of instrumental activities of daily living (IADL) in young and middle-aged stroke survivors: Results from SAHLSIS outcome. *Scand J Occup Ther.* 2018;24:1-8.
 116. Andersson E, Bohlin L, Herlitz J, Sundler AJ, Fekete Z, Andersson Hagiwara M. Prehospital identification of patients with a final hospital diagnosis of stroke. *Prehosp Disaster Med* 2018;33:63-70.
 117. Bunketorp-Käll L, Pekna M, Pekny M, Blomstrand C, Nilsson M. Effects of horse-riding therapy and rhythm and music-based therapy on functional mobility in late phase after stroke. *NeuroRehabilitation.* 2019 Dec 18;45(4):483-492. doi: 10.3233/NRE-192905. PMID: 31868694.
 118. Blomgren C, Samuelsson H, Blomstrand C, Jern C, Jood K, Claesson L. Long-term performance of instrumental activities of daily living in young and middle-aged stroke survivors-Impact of cognitive dysfunction, emotional problems and fatigue. *PLoS One.* 2019 May 16;14(5):e0216822. doi: 10.1371/journal.pone.0216822. PMID: 31095631; PMCID: PMC6522019.
 119. Hansson PO, Andersson Hagiwara M, Brink P, Herlitz J, Wireklint Sundström B. Prehospital identification of factors associated with death during one-year follow-up after acute stroke. *Brain Behav* 2018 Jun;8(6):e00987
 120. Fu M, Rosengren A, Thunström E, Mandalenakis Z, Welin L, Caidahl K, Pivodic A, Zhong Y, Ergatoudes C, Morales D, Welin C, Svärdsudd K, Dellborg M, Hansson PO. Although Coronary Mortality Has Decreased, Rates of Cardiovascular Disease Remain High: 21 Years of Follow-Up Comparing Cohorts of Men Born in 1913 With Men Born in 1943. *J Am Heart Assoc* 2018 Apr 19;7(9).
 121. Larén A, Odqvist A, Hansson PO, Persson CU. Fear of falling in acute stroke: The Fall Study of Gothenburg (FallsGOT). *Top Stroke Rehabil* 2018 May;25(4):256-260
 122. Mirzada N, Ladvall P, Hansson PO, Eriksson P, Taft C, Dellborg M. Quality of life after percutaneous closure of patent foramen ovale in patients after cryptogenic stroke compared to a normative sample. *Int J Cardiol.* 2018 Apr 15;257:46-49.
 123. Mandalenakis Z, Rosengren A, Lappas G, Eriksson P, Gilljam T, Hansson PO, Skoglund K, Fedchenko M, Dellborg M. Atrial Fibrillation Burden in Young Patients with Congenital Heart Disease. *Circulation* 2018 Feb 27;137(9):928-937.

124. Persson CU, Kjellberg S, Lernfelt B, Westerlind E, Cruce M, Hansson PO. Risk of falling in a stroke unit after acute stroke: The Fall Study of Gothenburg (FallsGOT). *Clin Rehabil Clin Rehabil*. 2018 Mar;32(3):398-409.
125. Thorn LM, Shams S, Gordin D, Liebkind R, Forsblom C, Summanen P, Hägg-Holmberg S, Tatlisumak T, Salonen O, Putaala J, Martola J, Groop PH, FinnDiane Study Group. Clinical and MRI features of cerebral small-vessel disease in type 1 diabetes. *Diabetes Care* 2019;42:327-330. PMID: 30552131.
126. Savolainen M, Mustanoja S, Pekkola J, Tyni T, Uusitalo AM, Ruotsalainen S, Poutianen E, Hernesniemi J, Kivipelto L, Tatlisumak T. Moyamoya angiopathy: long-term follow-up study in a Finnish population. *J Neurol* 2019;266:574-581. PMID: 30560456.
127. van Dongen MME, Aarnio K, Martinez-Majander N, Pirinen J, Sinisalo J, Lehto M, Kaste M, Tatlisumak T, de Leeuw FE, Putaala J. Use of antihypertensive medication after ischemic stroke in young adults and its association with long-term outcome. *Ann Med* 2019;51:68-77. PMID: 30592437.
128. Buyck PJ, Zuurbier SM, Garcia-Esperon C, Barboza MA, Costa P, Escudero I, Renard D, Lemmens R, Hinteregger N, Fazekas F, Jimenez Conde J, Giralt Steinhauer E, Hiltunen S, Arauz A, Pezzini A, Montaner J, Putaala J, Weimar C, Gattringer T, Asadi H, Tatlisumak T, Coutinho JM, Demaerel P, Thijs V. Diagnostic accuracy of non-contrast CT imaging markers in cerebral venous thrombosis. *Neurology* 2019;92:e841-e851. PMID: 30659138.
129. Pfeiffer D, Chen B, Schlicht K, Ginsbach P, Abboud S, Bersano A, Bevan S, Brandt T, Caso V, Debette S, Erhart P, Freitag-Wolf S, Giacalone G, Grau AJ, Hayani E, Jern C, Jimenez-Conde J, Kloss M, Krawczak M, Lee JM, Lemmens R, Leys D, Lichy C, Maguire JM, Martin JJ, Metso AJ, Metso TM, Mitchell BD, Pezzini A, Rosand J, Rost NS, Stenman M, Tatlisumak T, Thijs V, Touze E, Traenka C, Werner I, Woo D, Del Zotto E, Engelter ST, Kittner S, Cole JW, Grond-Ginsbach C, Lyrer PA, Lindgren A, CADISP, GISCOME, SIGN studies and ISGC. Genetic imbalance is associated with functional outcome after ischemic stroke. *Stroke* 2019;50:298-304. PMID: 30661490.
130. Mattila OS, Puolakka T, Ritvonen J, Pihlasviita S, Harve H, Alanen A, Sibolt G, Curtze S, Strbian D, Pystynen M, Tatlisumak T, Kuisma M, Lindsberg PJ. Targets for improving dispatcher identification of acute stroke. *Int J Stroke* 2019;14:409-416. PMID: 30758276.
131. Söderholm M, Pedersen A, Lorentzen E, Stanne TM, Bevan S, Olsson M, Fernandez-Cadenas I, Hankey GJ, Jimenez-Conde J, Jood K, Kittner S, Lee JM, Lemmens R, Levi C, Mitchell B, Norrving B, Rannikmäe K, Rost N, Rosand J, Rothwell PM, Scott R, Strbian D, Sturm J, Sudlow C, Traylor M, Thijs V, Tatlisumak T, Woo D, Worrall BB, Maguire JM, Lindgren A, Jern C, ISGC, the NINDS-SIGN Consortium, and the GISCOME Network. Genome-wide association study of functional outcome after stroke. *Neurology* 2019;92:e1271-e1283. PMID: 30796134.
132. Paciaroni M, Angelini F, Agnelli G, Tsivgoulis G, Furie K, Tadi P, Becattini C, Falocci N, Zedde ML, Abdul-Rahim A, Lees K, Alberti A, Venti M, Acciarresi M, Altavilla R, D'Amore, Mosconi MG, Cimini LA, Bovi P, Carletti M, Rigatelli A, Cappellari M, Putaala J, Tomppo L, Tatlisumak T, Bandini F, Marcheselli S, Pezzini A, Poli L, Padovani A, Masotti L, Vannucchi V, Sohn SI, Lorenzini G, Tassi R, Guideri F, Acampa M, Martini G, Ntaios G, Karagkiozis E, Athanasakis G, Makaritsis K, Vadikolias K, Liantinioti C, Chondrogianni M, Mumoli N, Consoli D, Galati F, Sacco

- S, Carolei A, Tiseo C, Corea F, Ageno W, Bellesini M, Silvestrelli G, Ciccone A, Scoditti U, Denti L, Mancuso M, Maccarrone M, Orlandi G, Giannini N, Gialdini G, Tassinari T, De Lodovici M, Bono P, Rueckert C, Baldi A, Toni D, Letteri F, Giuntini M, Lotti EM, Flomin Y, Pieroni A, Kargiotis O, Karapanayiotides T, Monaco S, Baronello MM, Csiba L, Szabo L, Chiti A, Giorli E, Del Sette M, Imberti D, Zabzuni D, Doronin B, Volodina V, Michel P, Vanacker P, Barlinn K, Pallesen LP, Kepplinger J, Bodechtel U, Gerber J, Deleu D, Melikyan G, Ibrahim F, Akhtar N, Gourbali V, Yaghi S, Caso V. Early recurrence in paroxysmal versus sustained atrial fibrillation in patients with acute ischaemic stroke. *Eur Stroke J* 2019;4:55-64. PMID: 31165095.
133. Sallinen H, Wu TY, Meretoja A, Putaala J, Tatlisumak T, Strbian D. Effect of baseline hypocalcaemia on volume of intracerebral haemorrhage in patients presenting within 72 hours from symptom onset. *J neurol Sci* 2019;403:24-29. PMID: 31176195.
 134. Altavilla R, Caso V, Bandini F, Agnelli G, Tsivgoulis G, Yaghi S, Furie KL, Tadi P, Becattini C, Zedde M, Abdul-Rahim AH, Lees KR, Alberti A, Venti M, Acciarresi M, D'Amore C, Mosconi MG, Cimini LA, Fusaro J, Bovi P, Carletti M, Rigatelli A, Cappellari M, Putaala J, Tomppo L, Tatlisumak T, Marcheselli S, Pezzini A, Poli L, Padovani A, Masotti L, Vannucchi V, Sohn S-I, Lorenzini G, Tassi R, Guideri F, Acampa M, Martini G, Ntaios G, Athanasakis G, Makaritsis K, Karagkiozi E, Vadikolias K, Liantinioti C, Chondrogianni M, Mumoli N, Consoli D, Galati F, Sacco S, Carolei A, Tiseo C, Corea F, Ageno W, Bellesini M, Silvestrelli G, Ciccone A, Lanari A, Scoditti U, Denti L, Mancuso M, Maccarrone M, Ulivi L, Orlandi G, Giannini N, Gialdini G, Tassinari T, De Lodovici ML, Bono G, Rueckert C, Baldi A, D'Anna S, Toni D, Letteri F, Giuntini M, Lotti EM, Flomin Y, Pieroni A, Kargiotis O, Karapanayiotides T, Monaco S, Maimone Baronello M, Csiba L, Szabo L, Chiti A, Giorli E, Del Steet M, Imberti D, Zabzuni D, Doronin B, Volodina V, Michel P, Vanacker P, Barlinn K, Pallesen L-P, Barlinn J, Deleu D, Melikyan G, Ibrahim F, Akhtar N, Gourbali V, Paciaroni M. Anticoagulation after stroke in patients with atrial fibrillation. *Stroke* 2019;50:2093-2100. PMID: 31221054.
 135. Hägg-Holmberg S, Dahlström EH, Forsblom CM, Harjutsalo V, Liebkind R, Putaala J, Tatlisumak T, Groop PH, Thorn LM, FinnDiane Study Group. The role of blood pressure in risk of ischemic and hemorrhagic stroke in type 1 diabetes. *Cardiovasc Diabetol* 2019;18:88. PMID: 31288813.
 136. Carrera C, Cullell N, Torres-Aguila N, Muino E, Bustamante A, Davalos A, Lopez-Cancio E, Ribo M, Molina CA, Giralt-Steinhauer E, Soriano-Tarraga C, Mola-Caminal M, Jimenez-Conde J, Roquer J, Vives-Bauza C, Navarro RD, Obach V, Arenillas JF, Segura T, Serrano-Heras G, Marti-Fabregas J, Freijo M, Cabezas JA, Tatlisumak T, Heitsch L, Ibanez L, Cruchaga C, Lee JM, Strbian D, Montaner J, Fernandez-Cadenas I, Spanish Stroke Genetic Consortium. Validation of a clinical-genetics score to predict hemorrhagic transformations after rtPA. *Neurology* 2019;93:e851-e863. PMID: 31366724.
 137. Polymeris AA, Curtze S, Erdur H, Hametner C, Heldner MR, Groot AE, Zini A, Bejot Y, Dietrich A, Martinez-Majander N, von Rennenberg R, Gumbinger C, Schaedelin S, De Marchis GM, Thilemann S, Traenka C, Lyrer PA, Bonati LH, Wegener S, Ringleb PA, Tatlisumak T, Nolte CH, Scheitz JF, Arnold M, Strbian D, Nederkoorn PJ, Gensicke H, Engelter ST, TRISP Collaborators. Intravenous thrombolysis for suspected ischemic stroke with seizure at onset. *Ann neurol* 2019;86:770-779. PMID: 31435960.
 138. Ntaios G, Georgiopoulos G, Perlepe K, Sirimarco G, Strambo D, Eskandari A, Nannoni S, Vemmou A, Koroboki E, Manios E, Rodriguez-Campello A, Cuadrado-Godia E,

- Roquer J, Arnao V, Caso V, Paciaroni M, Diez-Tejedor E, Fuentes B, Pardo JR, Sanchez-Velasco S, Arauz A, Ameriso SF, Perterra L, Gomez-Schneider M, Hawkes MA, Barboza MA, Cano BC, Mohedano AMI, Pastor AG, Gil-Nunez A, Putaala J, Tatlisumak T, Karagkiozi E, Papavasileiou V, Makaritsis K, Bandini F, Vemmos K, Michel P. A tool to identify patients with embolic stroke of undetermined source at high recurrence risk. *Neurology* 2019;93:e2094-e2104. PMID: 31662492.
139. Douglas A, Fitzgerald S, Mereuta OM, Rossi R, O'Leary S, Pandit A, McCarthy R, Gilvarry M, Holmegaard L, Abrahamsson M, Jerndal M, Dehlfors N, Brennan P, Power S, O'Hare A, Griffin E, Kallmes DF, Brinjikji W, Szikora I, Tatlisumak T, Rentzos A, Thornton J, Doyle K. Platelet-rich emboli are associated with von Willebrand Factor levels and have poorer revascularization outcomes. *J Neurointerv Surg* 2019; doi: 10.1136/neurintsurg-2019-015410. PMID: 31685695.
 140. van Dongen MME, Aarnio K, Martinez-Majander N, Pirinen J, Sinisalo J, Lento M, Kaste M, Tatlisumak T, de Leeuw FE, Putaala J. Use of statins after ischemic stroke in young adults and its association with long-term outcome. *Stroke* 2019;50:3385-3392. PMID: 31699020.
 141. Traenka C, Grond-Ginsbach C, Goeggel Simonetti B, Metso TM, Debette S, Pezzini A, Kloss M, Majersik JJ, Southerland AM, Leys D, Baumgartner R, Caso V, Bejot Y, De Marchis GM, Fischer U, Polymeris A, Sarikaya H, Thijs V, Worrall BB, Bersano A, Brandt T, Gensicke H, Bonati LH, Touze E, Martin JJ, Chabriat H, Tatlisumak T, Arnold M, Engelter ST, Lyrer P, CADISP-Plus Study Group. Artery occlusion independently predicts unfavorable outcome in cervical artery dissection. *Neurology* 2019;94:e170-e180. PMID: 31757869.
 142. Silvis SM, Reinstra E, Hiltunen S, Lindgren E, Heldner MR, Mansour M, Ghiasian M, Jood K, Zuurbier SM, Groot AE, Arnold M, Barboza MA, Arauz A, Putaala J, Tatlisumak T, Coutinho JM, International CVT Consortium. Anaemia at admission is associated with poor clinical outcome in cerebral venous thrombosis. *Eur J Neurol* 2019;doi: 10.1111/ene.14148. PMID: 31883169.
 143. Alsholm L, Axelsson C, Andersson Hagiwara M, Niva M, Claesson L, Herlitz J, Magnusson C, Rosengren L, Jood K. Interrupted transport by the emergency medical service in stroke/transitory ischemic attack: A consequence of changed treatment routines in prehospital emergency care. *Brain Behav.* 2019 Apr 13:e01266.doi: 10.1002/brb3.1266. In press
 144. Niklasson A, Herlitz J, Jood K. Socioeconomic disparities in prehospital stroke care. *Scand J Trauma Resusc Emerg Med.* 2019 May 2;27(1):53. Doi: 10.1186/s 13049-019-0630-6.
 145. Langhorne P, O'Donnell MJ, Chin SL, Zhang H, Xavier D, Avezum A, Mathur N, Turner M, MacLeod MJ, Lopez-Jaramillo P, Damasceno A, Hankey GJ, Dans AL, Elsayed A, Mondo C, Wasay M, Czlonkowska A, Weimar C, Yusufali AH, Hussain FA, Lisheng L, Diener HC, Ryglewicz D, Pogossova N, Iqbal R, Diaz R, Yusoff K, Oguz A, Wang X, Penaherrera E, Lanis F, Ogah OS, Ogunniyi A, Iversen HK, Malaga G, Rumboldt Z, Magazi D, Nilanont Y, Rosengren A, Oveisgharan S, Yusuf S, INTERSTROKE collaborators. Practice patterns and outcomes after stroke across countries at different economic levels (INTERSTROKE): an international observational study. *Lancet.* 2018;391:2019–2027.
 146. Ljungman PLS, Andersson N, Stockfelt L, Andersson EM, Nilsson Sommar J, Eneroth K, Gidhagen L, Johansson C, Lager A, Leander K, Molnar P, Pedersen NL, Rizzuto D,

- Rosengren A, Segersson D, Wennberg P, Barregard L, Forsberg B, Sallsten G, Bellander T, Pershagen. Long-term exposure to particulate air pollution, black carbon, and their source components in relation to ischemic heart disease and stroke. *Environ Health Perspect.* 2019;127:107012.
147. Rafsten L, Danielsson A, Nordin A, Björkdahl A, Lundgren-Nilsson A, Larsson MEH, Sunnerhagen KS. Gothenburg Very Early Supported Discharge study (GOTVED): a randomised controlled trial investigating anxiety and overall disability in the first year after stroke. *BMC Neurol.* 2019 Nov 9;19(1):277. doi: 10.1186/s12883-019-1503-3.
 148. Abzhandadze T, Rafsten L, Lundgren Nilsson Å, Palstam A, Sunnerhagen KS. Very Early MoCA Can Predict Functional Dependence at 3 Months After Stroke: A Longitudinal, Cohort Study. *Front Neurol.* 2019 Oct 11;10:1051. doi: 10.3389/fneur.2019.01051. eCollection 2019.
 149. Kjörk EK, Gunnel C, Lundgren-Nilsson Å, Sunnerhagen KS. PLoS One. Experiences, needs, and preferences for follow-up after stroke perceived by people with stroke and healthcare professionals: A focus group study. 2019 Oct 1;14(10):e0223338. doi: 10.1371/journal.pone.0223338. eCollection 2019.
 150. Kjörk EK, Carlsson G, Sunnerhagen KS, Lundgren-Nilsson Å. Experiences using the poststroke checklist in Sweden with a focus on feasibility and relevance: a mixed-method design. *BMJ Open.* 2019 May 9;9(5):e028218. doi: 10.1136/bmjopen-2018-028218.
 151. Ekstrand E, Alt Murphy M, Persson HC, Lundgren-Nilsson Å, Sunnerhagen KS. Which clinical and sociodemographic determinants are associated with self-perceived manual ability at one year after stroke? *Disabil Rehabil.* 2019 Jan 27;1-8. doi: 10.1080/09638288.2018.1557265. [Epub ahead of print]
 152. Fhager A, Candefjord S, Elam M, Persson M. 3D Simulations of Intracerebral Hemorrhage Detection Using Broadband Microwave Technology. *Sensors (Basel).* 2019;Aug 9;19(16).
 153. Nordanstig A, Palaszewski B, Asplund K, Norrving B, Wahlgren N, Wester P, Jood K, Rosengren L. Evaluation of the Swedish National Stroke Campaign: A population-based time-series study. *Int J Stroke.* 2019 Dec;14(9):862-870.
 154. Silvis SM, Lindgren E, Hiltunen S, Devasagayam S, Scheres LJ, Jood K, Zuurbier SM, Kleinig TJ, Silver FL, Mandell DM, Middeldorp S, Putaala J, Cannegieter SC, Tatlisumak T, Coutinho JM. Postpartum Period Is a Risk Factor for Cerebral Venous Thrombosis. *Stroke* 2019;50:501-503
 155. Nordanstig A, Palaszewski B, Asplund K, Norrving B, Wahlgren N, Wester P, Jood K, Rosengren L. Evaluation of the Swedish National Stroke Campaign: A population-based time-series study. *Int J Stroke* 2019;14:862-870
 156. Rejnö Å, Nasic S, Bjälkefur K, Bertholds E, Jood K. Changes in functional outcome over five years after stroke. *Brain Behav* 2019;9:e01300
 157. Erlandsson MC, Lyngfelt L, Åberg ND, Wasén C, Espino RA, Silfverswärd ST, Nadali M, Jood K, Andersson KME, Pullerits R, Bokarewa MI. Low serum IGF1 is associated with hypertension and predicts early cardiovascular events in women with rheumatoid arthritis. *BMC Med* 2019;17:141
 158. van Dijk, B., Meijers, J.C.M., Klock, A.T., Knaup, V.L., Kurki, M.I., Rinkel, G.J.E., Morgan, B.P., van der Kamp, M., Osuka, K., Aronica, E., Ruigrok, Y.M., van de Beek,

- D., Brouwer, M., Pekna, M., Hol, E., Vergouwen, M.D.I. (2019): Complement component C5 contributes to brain injury after aneurysmal subarachnoid haemorrhage. *Transl Stroke Res*, doi: 10.1007/s12975-019-00757-0.
159. Palstam A, Westerlind E, Persson HC, Sunnerhagen KS: Work-related predictors for return to work after stroke in men and women. *Acta Neurol Scand*. 2019 Apr;139(4):382-388. doi: 10.1111/ane.13067. Epub 2019 Feb 6.
 160. Svensson JS, Westerlind E, Persson HC, Sunnerhagen KS: Occupational gaps 5 years after stroke. *Brain Behav*. 2019 Feb 19:e01234. doi: 10.1002/brb3.1234.
 161. Törnbom K, Lundälv J, Sunnerhagen KS: Experiences of long-term participation 7-8 years after stroke – an exploration of views held by working-aged persons. *PLoS One* 2019 Mar 13;14(3):e0213447. doi: 10.1371/journal.pone.0213447. eCollection 2019
 162. Kjörk E, Carlsson G, Sunnerhagen KS, Lundgren-Nilsson Å: Structure and dialogue at follow-up after stroke -validation of the Post-Stroke Checklist in Sweden, a focus group study. *BMJ Open*. 2019 May 9;9(5):e028218. doi: 10.1136/bmjopen-2018-028218
 163. Svernlind K, Törnbom M, Nordin Å, Sunnerhagen KS: Locked-in syndrome in Sweden - an explorative study of persons who underwent rehabilitation; a cohort study. *BMJ Open*. 2019 Apr 20;9(4):e023185. doi: 10.1136/bmjopen-2018-023185.
 164. van Wijck F, Bernhardt J, Billinger S, Bird M-L, Eng J, English C, Fuscaldi Teixeira-Salmela L, Mackay-Lyons M, Melifonwu Rita, Sunnerhagen KS, Solomon J, Thilarajah S, Mead G: Global efforts to improve Life after Stroke need to include seamless physical activity pathways for all stroke survivors. *Int J Stroke*, 2019 Apr 11:1747493019840930. doi: 10.1177/1747493019840930.
 165. Westerlind E, Persson HC, Törnbom K, Sunnerhagen KS: Work after a stroke – impact on participation and autonomy in a long term perspective. *Disabil Rehabil*. 2019 May 9:1-6. doi: 10.1080/09638288.2019.160832
 166. Hussain N, Sunnerhagen KS, Alt Murphy M: [End-point kinematics using virtual reality explaining upper limb impairment and activity capacity in stroke](#). *J Neuroeng Rehabil*. 2019 Jul 1;16(1):82. doi: 10.1186/s12984-019-0551-7.
 167. Palstam A, Sjödin A, Sunnerhagen KS: Participation and autonomy five years after stroke: A longitudinal observational study. *PLoS One*. 2019 Jul 8;14(7):e0219513. doi: 10.1371/journal.pone.0219513. eCollection 2019.
 168. Westerlind E, Persson HC, Rafsten L, Abzhandadze T, Sunnerhagen KS: Very early screening of cognitive function and its importance for return to work after a stroke. *Top Stroke Rehabil*. 2019 Aug 1:1-6, doi: 10.1080/10749357.2019.1645440. [Epub ahead of print]
 169. Rafsten L, Mereilles CC, Danielsson A, Sunnerhagen KS: Impaired motor function in the affected arm predicts impaired postural balance after stroke: a cross sectional study. *Front. Neurol.*, 21 August 2019 | <https://doi.org/10.3389/fneur.2019.00912>
 170. Ahmed N, Audebert H, Turc G, Cordonnier C, Christensen H, Sacco S, Sandset EC, Ntaios G, Charidimou A, Toni D, Pristipino C, Köhrmann M, Joji Kuramatsu J, Thomalla G, Mikulik R, Ford GA, Martí-Fàbregas J, Fischer U, Thoren M, Lundström E, Rinkel GJE, Van Der Worp B, Matusevicius M, Tsivgoulis G, Milionis H, Rubiera M, Hart R, Moreira T, Lantz M, Sjöstrand C, Andersen G, Schellinger P, Kostulas K, Sunnerhagen KS, Keselman B, Korompoki E, Purrucker J, Khatri P, Whiteley W, Berge E, Mazya M, Dippel DWJ, Mustanoja S, Rasmussen M, Kuntze Söderqvist Å,

- Escudero-Martínez I and Steiner S: Consensus statements and recommendations from the ESO-Karolinska Stroke Update Conference, Stockholm 11-13 November 2018: *Eur Stroke J*, First Published 2 Sep 2019. <https://doi.org/10.1177/2396987319863606>.
171. Hernández ED, Galeano CP, Barbosa NE, Forero SM, Nordin Å, Sunnerhagen KS, Alt Murphy M: Intra- and interrater reliability of Fugl-Meyer Assessment of upper extremity in stroke. *J Rehabil Med*. 2019 Aug 26. doi: 10.2340/16501977-2590. [Epub ahead of print]
 172. Skoglund E, Westerlind E, Persson HC, Sunnerhagen KS: Self-perceived impact of stroke: A longitudinal comparison between 1 and 5 years post-stroke. *J Rehabil Med*. 2019 Sep 2. doi: 10.2340/16501977-2595. [Epub ahead of print]
 173. Törnbom K, Lundälv J, Palstam A, Sunnerhagen KS: My life after stroke through a camera lens"- A Photovoice study on participation in Sweden. *PLoS One*. 2019 Sep 11;14(9):e0222099. doi: 10.1371/journal.pone.0222099
 174. Persson HC, Törnbom M, Winsö O, Sunnerhagen KS: Consequences of subarachnoid haemorrhage - a seven year follow-up. *Acta Neurol Scand*. 2019 Dec;140(6):429-434. doi: 10.1111/ane.13163. Epub 2019 Oct 1.
 175. Kjörk E, Carlsson G, Lundgren-Nilsson Å, Sunnerhagen KS: Perceived needs of follow-up and contextual relevance -evaluation of the Post-Stroke Checklist in Sweden: a focus group study. *PLoS One*. 2019 Oct 1;14(10):e0223338. doi: 10.1371/journal.pone.0223338.
 176. Westerlind E, Persson HC, Eriksson M, Norrving B, Sunnerhagen KS: Time to return to work after a stroke: a study based on national registers. *Acta Neurol Scand*. 2019 Oct 14. doi: 10.1111/ane.13180
 177. Rafsten L, Danielsson A, Petersson CA, Nordin Å, Björkdahl A, Lundgren-Nilsson Å, Larsson MEH, Sunnerhagen KS: Gothenburg Very Early Supported Discharge study (GOTVED): a randomised controlled trial investigating anxiety and overall disability in the first year after stroke. *BMC Neurol*. 2019 Nov 9;19(1):277. doi: 10.1186/s12883-019-1503-3.
 178. Lorenzano S, Kremer C, Pavlovic A, Jovanovic DR, Sandset EC, Christensen H, Bushnell C, Arsovska A, Sprigg N, Roffe C, Ijäs P, Gdovinova Z, Alexandrov A, Zedde M, Tassit R, Acciaresi M, Lantz M, Sunnerhagen KS, Zarkov M, Rantanen K, Perren F, Iversen HK, Kruuse C, Slowik A, Palazzo P, Korv J, Fromm A, Lovrencic-Huzjan, Korompoki E, Fonseca AC, Gall SL, Brunner Freimuth, Caso V, Sacco for the SiPP Trial Investigators and ESO-WISE Group: SiPP (Stroke in Pregnancy and Postpartum): A prospective, observational, international, multicentre study on pathophysiological mechanisms, clinical profile, management and outcome of cerebrovascular diseases in pregnant and postpartum women. *Eur Stroke J*, 2019, First Published December 6, <https://doi.org/10.1177/2396987319893512>
 179. Löwhagen Hendén P, Rentzos A, Karlsson JE, Rosengren L, Sundeman H, Ricksten SE. Off-hour admission and impact on neurological outcome in endovascular treatment for acute ischemic stroke. *Acta Anaesthesiol Scand* 63:208-214, 2019.
 180. Pujol-Calderón F, Portelius E, Zetterberg H, Blennow K, Rosengren LE, Höglund K. Neurofilament changes in serum and cerebrospinal fluid after acute ischemic stroke. *Neurosci Lett* 698:58-63, 2019.

181. Nordanstig A, Palaszewski B, Asplund K, Norrving B, Wahlgren N, Wester P, Jood K, Rosengren L. Evaluation of the Swedish National Stroke Campaign: A population-based time-series study. *Int J Stroke*. 2019 Apr 10;1747493019840939.
182. Eriksson H, Löwhagen Hendén P, Rentzos A, Pujol-Calderón F, Karlsson JE, Höglund K, Blennow K, Zetterberg H, Rosengren L, Zelano J. Acute symptomatic seizures and epilepsy after mechanical thrombectomy. *Epilepsy Behav*. 2019 Sep 13;106520.
183. Sundström J, Söderholm M, Söderberg S, Alfredsson L, Andersson M, Bellocco R, Björck M, Broberg P, Eriksson M, Eriksson M, Forsberg B, Fransson EI, Giedraitis V, Theorell-Haglöw J, Hallqvist J, Hansson PO, Heller S, Håkansson N, Ingelsson M, Janson C, Järvholm B, Khalili P, Knutsson A, Lager A, Lagerros YT, Larsson SC, Leander K, Leppert J, Lind L, Lindberg E et al. Risk factors for subarachnoid haemorrhage: a nationwide cohort of 950 000 adults. *Int J Epidemiol* 2019 Dec 1;48(6):2018-2025.
184. Hansson PO, Andersson Hagiwara M, Herlitz J, Brink P, Wireklint Sundström B. Prehospital assessment of suspected stroke and TIA: An observational study. *Acta Neurol Scand*. 2019 Aug;140(2):93-99.
185. Sundström J, Björkelund C, Giedraitis V, Hansson PO, Högman M, Janson C, Koupil I, Kristenson M, Trolle Lagerros Y, Leppert J, Lind L, Lissner L, Johansson I, Ludvigsson JF, Nilsson PM, Olsson H, Pedersen NL, Rosenblad A, Rosengren A, Sandin S, Snäckerström T, Stenbeck M, Söderberg S, Weiderpass E, Wanhainen A, Wennberg P, Fortier I, Heller S, Storgårds M, Svennblad B. Rationale for a Swedish cohort consortium. *Ups J Med Sci*. 2019:1-8.
186. Westerlind EK, Lernfelt B, Hansson PO, Persson CU. Drug Treatment, Postural Control and Falls: An Observational Cohort Study of 504 Patients with Acute Stroke, The Fall Study of Gothenburg (FallsGOT). *Arch Phys Med Rehabil* 2019 Jul;100(7):1267-1273.
187. Persson CU, Svärdsudd K, Rusek L, Blomstrand C, Blomstrand A, Welin L, Wilhelmsen L, Hansson PO. Determinants of Stroke in a General Male Population. *Stroke* 2018;49(12):2830-2836. Dec;49(12):2830-2836
188. Samuelsson CM, Hansson PO, Persson CU. Early prediction of falls after stroke: a 12-month follow-up of 490 patients in The Fall Study of Gothenburg (FallsGOT). *Clin Rehabil* 2019 Apr;33(4):773-783.
189. Kjellberg S, Hansson PO, Lernfelt B, Persson CU. SBP and antihypertensive treatment in the acute phase after stroke and its impact on the risk of falling. *J Hypertens*. 2019 May;37(5):1032-1039.
190. Mandalenakis Z, Lennartsson ST, Fu M, Lappas G, Li S, Rosengren A, Dellborg M, Thunstrom E, Caidahl K, Hansson PO. The incidence of atrial fibrillation and the added value of thumb ECG for detecting new cases. *Scand Cardiovasc J*. 2018 Oct;52(5):256-261
191. Persson CE, Rothenberg E, Hansson PO, Welin C, Strandhagen E. Cardiovascular risk factors in relation to dietary patterns in 50-year-old men and women: a feasibility study of a short FFQ. *Public Health Nutr* 2019 Mar;22(4):645-653
192. Frid P, Drake M, Giese AK, Wasselius J, Schirmer MD, Donahue KL, Cloonan L, Irie R, Winzeck S, Bouts MJRJ, McIntosh EC, Mocking SJ, Dalca AV, Sridharan R, Xu H, Giralt-Steinhauer E, Holmegaard L, Jood K, Roquer J, Cole JW, McArdle PF, Broderick JP, Jimenez-Conde J, Jern C, Kissela BM, Kleindorfer DO, Lemmens R,

- Meschia JF, Rundek T, Sacco RL, Schmidt R, Sharma P, Slowik A, Thijs V, Woo D, Worrall BB, Kittner SJ, Mitchell BD, Petersson J, Rosand J, Golland P, Wu O, Rost NS, Lindgren A; on behalf of the Stroke Genetics Network (SiGN) and the MRI-Genetics Interface Exploration (MRI-GENIE) study. Detailed phenotyping of posterior vs. anterior circulation ischemic stroke: a multi-center MRI study. *J Neurol* 2019; in press.
193. Lagging C, Lorentzen E, Stanne TM, Pedersen A, Söderholm M, Cole JW, Jood K, Lemmens R, Phuah CL, Rost NS, Thijs V, Woo D, Maguire JM, Lindgren A, Jern C; Genetics of Ischaemic Stroke Functional Outcome (GISCOME) network and the International Stroke Genetics Consortium. APOE ϵ 4 is associated with younger age at ischemic stroke onset but not with stroke outcome. *Neurology* 2019;93:849-853.
 194. Pedersen A, Stanne TM, Nilsson S, Klasson S, Rosengren L, Holmegaard L, Jood K, Blennow K, Zetterberg H, Jern C. Circulating neurofilament light in ischemic stroke: temporal profile and outcome prediction. *J Neurol.* 2019;266:2796-2806.
 195. Åberg D, Åberg ND, Jood K, Holmegaard L, Redfors P, Blomstrand C, Isgaard J, Jern C, Svensson J. Homeostasis model assessment of insulin resistance and outcome of ischemic stroke in non-diabetic patients - a prospective observational study. *BMC Neurol.* 2019;19:177.
 196. Gill D, James NE, Monori G, Lorentzen E, Fernandez-Cadenas I, Lemmens R, Thijs V, Rost NS, Scott R, Hankey GJ, Lindgren A, Jern C, Maguire JM; International Stroke Genetics Consortium and the GISCOME Network. Genetically determined risk of depression and functional outcome after ischemic stroke. *Stroke.* 2019;50:2219-2222.
 197. Schirmer MD, Dalca AV, Sridharan R, Giese AK, Donahue KL, Nardin MJ, Mocking SJT, McIntosh EC, Frid P, Wasselius J, Cole JW, Holmegaard L, Jern C, Jimenez-Conde J, Lemmens R, Lindgren AG, Meschia JF, Roquer J, Rundek T, Sacco RL, Schmidt R, Sharma P, Slowik A, Thijs V, Woo D, Vagal A, Xu H, Kittner SJ, McArdle PF, Mitchell BD, Rosand J, Worrall BB, Wu O, Golland P, Rost NS; MRI-GENIE Investigators. White matter hyperintensity quantification in large-scale clinical acute ischemic stroke cohorts - The MRI-GENIE study. *Neuroimage clin.* 2019;23:101884.
 198. Wu O, Winzeck S, Giese AK, Hancock B, Etherton M, Bouts M, Donahue K, Schirmer M, Irie R, Mocking S, McIntosh E, Bezerra R, Kamnitsas K, Frid P, Wasselius J, Cole J, Xu H, Holmegaard L, Jiménez-Conde J, Lemmens R, Lorentzen E, McArdle P, Meschia J, Roquer J, Rundek T, Sacco R, Schmidt R, Sharma P, Slowik A, Stanne T, Thijs VN, Vagal A, Woo D, Bevan S, Kittner S, Mitchell B, Rosand J, Worrall B, Jern C, Lindgren A, Maguire J, Rost N. Big data approaches to phenotyping stroke risk and severity using automated multi-center stroke lesion segmentation. *Stroke.* 2019;50:1734-1741.
 199. Larsson SC, Traylor M, Burgess S, Boncoraglio GB, Jern C, Michaëlsson K, Markus HS; MEGASTROKE project of the International Stroke Genetics Consortium. Serum magnesium and calcium levels in relation to ischemic stroke: Mendelian randomization study. *Neurology.* 2019;92:e944-e950.
 200. Söderholm M*, Pedersen A*, Lorentzen E, Stanne TM, Bevan S, Olsson M, Cole JW, Fernandez-Cadenas I, Hankey GJ, Jimenez-Conde J, Jood K, Lee JM, Lemmens R, Levi C, Mitchell BD, Norrving B, Rannikmäe K, Rost NS, Rosand J, Rothwell PM, Scott R, Strbian D, Sturm JW, Sudlow C, Traylor M, Thijs V, Tatlisumak T, Woo D, Worrall BB, Maguire JM, Lindgren A, Jern C, the International Stroke Genetics Consortium, the NINDS-SiGN Consortium, and the Genetics of Ischaemic Stroke Functional outcome

(GISCOME) network. *Equally contributing. Genome-wide association meta-analysis of functional outcome after ischemic stroke. *Neurology*. 2019;92:e1271-e1283.

201. Pfeiffer D, Chen B, Schlicht K, Ginsbach P, Abboud S, Bersano A, Bevan S, Brandt T, Caso V, Debette S, Erhart P, Freitag-Wolf S, Giacalone G, Grau AJ, Hayani E, Jern C, Jiménez-Conde J, Kloss M, Krawczak M, Lee JM, Lemmens R, Leys D, Lichy C, Maguire J, Martin JJ, Metso AJ, Metso TM, Mitchell BD, Pezzini A, Rosand J, Rost NS, Stenman M, Tatlisumak T, Thijs V, Touzé E, Traenka C, Werner I, Woo D, Del Zotto E, Engelter ST, Kittner SJ, Cole JW, Grond-Ginsbach C, Lyrrer PA, Lindgren A; CADISP; GISCOME; SiGN studies; and ISGC. Genetic imbalance is associated with functional outcome after ischemic stroke. *Stroke*. 2019;50:298-304.
202. Åberg ND, Åberg D, Lagging C, Holmegaard L, Redfors P, Jood K, Nilsson M, Åberg M, Blomstrand C, Svensson J, Jern C, Isgaard J. Association between levels of serum insulin-like growth factor I and functional recovery, mortality, and recurrent stroke at a 7-year follow-up. *Exp Clin Endocrinol Diabetes* 2019; in press.
203. Chauhan G, Adams HHH, Satizabal CL, Bis JC, Teumer A, Hofer E, Trompet S, Hilal S, Smith AV, Jian X, Malik R, Traylor M, Pulit SL, Tzourio C, Amouyel P, Mazoyer B, Zhu YC, Dufouil C, Sargurupremraj M, Kaffashian S, Beecham GW, Montine TJ, Schellenberg GD, Kjartansson O, Gudnason V, Knopman DS, Griswold ME, Windham BG, Gottesman RF, Mosley TH, Schmidt R, Saba Y, Schmidt H, Takeuchi F, Yamaguchi S, Nabika T, Kato N, Phil M, Rajan KB, Aggarwal NT, De Jager PL, Evans DA, Psaty BM, Rotter JJ, Rice K, Lopez OL, Liao J, Chen C, Cheng CY, Wong TY, Ikram MK, van der Lee SJ, Amin N, Choi SH, Xue L, DeStefano AL, Aparicio HJ, Romero JR, Maillard P, DeCarli C, Wardlaw JM, del Carmen Valdés Hernández M, Luciano M, Liewald D, Deary IJ, Slagboom PE, Beekman M, Deelen J, Uh HW, Boncoraglio GB, Hopewell J, Beecham AH, Blanton SH, Wright CB, Sacco RL, Wen W, Thalamuthu A, Armstrong NJ, Chong E, van der Grond J, Stott DJ, Ford I, Jukema JW, Vernooij MW, Hofman A, Uitterlinden AG, van der Lugt A, Wittfeld K, Grabe HJ, Hosten N, von Sarnowski B, Völker U, Levi C, Jimenez-Conde J, Sharma P, Sudlow CLM, Rosand J, Woo D, Cole JW, Meschia J, Slowik A, Thijs V, Lindgren A, Melander O, Grewal RP, Rundek T, Rexrode K, Rothwell PM, Arnett DK, Jern C, Johnson JA, Benavente OR, Wassertheil-Smoller S, Lee JM, Wong Q, Mitchell B, Rich SS, McArdle P, Geerlings MI, van der Graag Y, de Bakker PIW, Asselbergs FW, Srikanth W, Thomson R, McWhirter R, Moran C, Callisaya M, Phan T, Rutten-Jacobs LCA, Bevan S, Mather KA, Sachdev PS, van Duijn CM, Worrall BB, Dichgans M, Kittner J, Markus HS, Ikram MA, Fornage M, Launer LJ, Seshadri S, Longstreth Jr WT, Debette S, on behalf of the CHARGE Consortium. Genetic and environmental risk factors for MRI-defined brain infarcts in a population-based setting. *Neurology* 2019; in press.
204. Mola-Caminal M, Carrera C, Soriano-Tárraga C, Giralte-Steinhauer E, Díaz-Navarro RM, Tur S, Jiménez C, Medina-Dols A, Cullell N, Torres-Aguila NP, Muiño E, Rodríguez-Campello A, Ois A, Cuadrado-Godia E, Vivanco-Hidalgo RM, Hernandez-Guillamon M, Solé M, Delgado P, Bustamante A, García-Berrocoso T, Mendióroz M, Castellanos M, Serena J, Martí-Fàbregas J, Segura T, Serrano-Heras G, Obach V, Ribó M, Molina CA, Alvarez-Sabín J, Palomeras E, Freijo M, Font MA, Rosand J, Rost NS, Gallego-Fabrega C, Lee JM, Heitsch L, Ibanez L, Cruchaga C, Phuah CL, Lemmens R, Thijs V, Lindgren A, Maguire J, Rannikmae K, Sudlow CL, Jern C, Stanne TM, Lorentzen E, Muñoz-Narbona L, Dávalos A, López-Cancio E, Worrall BB, Woo D, Kittner SJ, Mitchell BD, Montaner J, Roquer J, Krupinski J, Estivill X, Rabionet R, Vives-Bauzá C, Fernández-Cadenas I, Jiménez-Conde J. PATJ low frequency variants

are associated with worse ischemic stroke functional outcome. *Circ Res.* 2019;124:114-120.

REVIEWS IN ENGLISH/ ÖVERSIKTER PÅ ENGELSKA

1. Putaala J, Martinez-Majander N, Saeed S, Yesilot N, Jäkälä P, Nerg O, Tsivgoulis G, Numminen H, Gordin D, von Sarnowski B, Waje-Andreassen U, Ylikotila P, Roine RO, Zedde M, Huhtakangas J, Fonseca C, Redfors P, de Leeuw FE, Pezzini A, Korv J, Schneider S, Tanislav C, Enzinger C, Jatuzis D, Siegerink B, Martinez-Sanchez P, Grau AJ, Palm F, Groop PH, Lanthier S, Ten Cate H, Pussinen P, Paju S, Sinisalo J, Lehto M, Lindgren A, Ferro J, Kittner S, Fazekas F, Gerds A, Tatlisumak T. Searching for Explanations for Cryptogenic stroke in the young: Revealing the triggers, causes, and outcome (SECRETO): Rationale and design. *Eur Stroke J* 2017;2:116-125. PMID: 31008307.
2. Maguire JM, Bevan S, Stanne TM, Lorenzen E, Fernandez-Cadenas I, Hankey GJ, Jimenez-Conde J, Jood K, Lee JM, Lemmens R, Levi C, Norrving B, Rannikmae K, Rost N, Rosand J, Rothwell PM, Scott R, Strbian D, Sturm J, Sudlow C, Traylor M, Thijs V, Tatlisumak T, Wieloch T, Woo D, Worrall B, Jern C, Lindgren A. GISCOME – Genetics of ischaemic stroke functional outcome network: A protocol for an International Multicentre Genetic Association Study. *Eur Stroke J* 2017;2:229-237. PMID: 31008316.
3. Yesilot N, Putaala J, Bahar SZ, Tatlisumak T. Ethnic and geographical differences in ischaemic stroke among young adults. *Curr Vasc Pharmacol* 2017;15:416-429. PMID: 28155625.
4. Oesch L, Tatlisumak T, Arnold M, Sarikaya H. Obesity paradox in stroke - Myth or reality? A systematic review. *PLOS One* 2017;12:e0171334. PMID: 28291782.
5. Shearer JA, Douglas AS, Kirby BP, Tatlisumak T, Doyle KM. Animal models of focal cerebral ischaemia and haemorrhagic transformation: considerations in experimental stroke study design. *Curr Vasc Pharmacol* 2018;16:534-546. PMID: 28875831.
6. Tatlisumak T, Cucchiara B, Kuroda S, Kasner SE, Putaala J. Nontraumatic intracerebral haemorrhage in young adults. *Nat Rev Neurol* 2018;14:237-250. PMID: 29521335.
7. Pekny M, Wilhelmsson U, Tatlisumak T, Pekna M. Astrocyte activation and reactive gliosis – a new target in stroke? *Neurosci Lett* 2019;689:45-55. PMID: 30025833.
8. Seiffge DJ, Curtze S, Dequatre-Ponchelle N, Pezzini A, Tatlisumak T, Cordonnier C, Werring D. Hematoma location and morphology of anticoagulation-associated intracerebral hemorrhage. *Neurology* 2019;92:e782-e791. PMID: 30674603.
9. Guglielmi V, Visser J, Arnold M, Sarikaya H, van den Berg R, Nederkoorn PJ, Leys D, Calvet D, Kloss M, Pezzini A, Tatlisumak T, Schilling S, Dethlefsen S, Coutinho JM. Triple and quadruple cervical artery dissections: a systematic review of individual patient data. *J Neurol* 2019;266:1383-1388. PMID: 30904955.
10. Seiffge DJ, Goeldlin MB, Tatlisumak T, Lyrer P, Fischer U, Engelter ST, Werring DJ. Meta-analysis of haematoma volume, haematoma volume, haematoma expansion and

mortality in intracerebral haemorrhage associated with oral anticoagulant use. *J neurol* 2019;266:3126-3135. PMID: 31541341.

11. Ekker MS, Jacob MA, van Dongen MME, Aarnio K, Annamalai AK, Arauz A, Arnold M, Barboza MA, Bolognese M, Brouns R, Chuluun B, Chuluunbaatar E, Dagvajantsan B, Debette S, Don A, Enzinger C, Ekizoglu E, Fandler S, Fazekas F, Fromm A, Gattringer T, Gulli G, Hoffmann M, Hora TF, Jern C, Jood K, Kamouchi M, Kim YS, Kitazono T, Kittner SJ, Kleinig TJ, Klijn CJM, Korv, J, Lee TH, Leys D, Maaijwee NAM, Martinez-Majander N, Marto JP, Mehndiratta MM, Mifsud V, Montanaro VV, Owolabi M, Patel VB, Phillips MC, Piechowski-Iozwiak B, Pikula A, Ruiz-Sandoval JL, von Sarnowski B, Schreuder FHBM, Swartz RH, Tan KS, Tanne D, Tatlisumak T, Thijs V, Tuladhar AM, Viana-Baptista M, Vibo R, Wu TY, Yeşilot N, Waje-Andreassen U, Pezzini A, Putaala J, de Leeuw FE. Global outcome assessment life-long after stroke in young adults initiative - the GOAL Initiative: Study protocol and rationale of a multicentre retrospective individual patient data meta-analysis. *BMJ Open* 2019;9:e031144. PMID: 31727655.

BOOK CHAPTERS/BOK KAPITEL

1. Tatlisumak T, Thomassen L (editors). *Ischaemic stroke in young adults*. Oxford University Press, 2018.
2. Jood K, Tatlisumak T. Uncommon causes of ischaemic stroke in young adults. In Tatlisumak T, Thomassen L (editors), *Ischaemic stroke in young adults*, Oxford University Press 2018.

EDITORIALS IN ENGLISH/EDITORIALER PÅ ENGELSKA

1. Tatlisumak T. Can natalizumab be beneficial in acute ischaemic stroke. *Lancet Neurol* 2017;16:176-177. PMID: 28229882.
2. Tatlisumak T, Llinas RH, Marti-Fabregas J, Seiffge DJ. Deciphering the causes of nontraumatic intracerebral hemorrhage. *Neurology* 2019;92:357-359. PMID: 30674599.

Projekt

Överordnat projekt är "Life after stroke" Forskargrupp Rehabiliteringsmedicin (aktiva inom strokeforskning förutom KSS under dessa år har varit 12 disputerade forskare varav 3 docenter och 5 post-docs samt 10 doktorander och flera masterstudenter/examensprojekt)

GOTVED GÖthenburg Very Early Discharge study är avslutad. Analys av materialet pågår. Huvudartikeln har kommit ut. Flera artiklar publicerade på materialet och fler kommer.
Doktorand i slutfas (disp 2020)

WASS Work After Stroke Studies Pågående studie med utgångspunkt från flera olika kohorter. Både registerdata (FK) och kvalitativa studier. 1 doktorand och 1 post-doc,

TechBetRehab (Technology for better rehab) Studier med VR pågår (doktorand disp 2020). Samverkan med Max Orteiz Catalan har påbörjats och första studiepatient är klar. Arbete med sensorer för rörelsedetektion pågår. En doktorand på väg in. En post-doc är involverad.

PAPSIGOT (Physical Activity Stroke studien In GÖThenburg) Arbete pågår. 1 doktorand har halvtid innan sommaren 2020 och en doktorand nyregistrerad.

COGSIGOT (COGnition Stroke studies In GÖThenburg). Arbete pågår. 1 doktorand hade halvtid innan jul 2019, en annan doktorand har planerat halvtid hösten 2020).

Post-stroke checklist Arbete pågår med kartläggning av särskilda boenden samt utprovning av app. Doktorand gör halvtid i vår. En post-doc involverad.

Livet efter stroke En doktorand disputerade i november. En senior forskare arbetar också med material kring långtidsuppföljningar.