

# DANSK STROKE CENTER 2011-2016

*Publikationer, foredrag, postere og formidling.*



# DSC

Danish Stroke Centre

Aarhus Universitet/Universitetshospital

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## Publikationer

### 2011

1. Ingeman A, Andersen G, Hundborg HH, Svendsen ML, Johnsen SP. Processes of care and medical complications in patients with stroke. *Stroke* 2011;42:167-72.
2. Andersen G, Christensen C, Kirkevold M, Johnsen SP. Post-stroke fatigue and return to work: a two-year follow-up. *Acta Neurol Scand* 2011. DOI: 10.1111/j.1600-0404.2011.01557.x.
3. Klit H, Finnerup NB, Andersen G, Jensen TS. Central poststroke pain: A population-based study. *Pain* 2011;152:818-24.
4. Simonsen CZ, Sørensen LH, Andersen G. Endovaskulær behandling ved akut iskæmisk apopleksi. *Ugeskr Læger* 2011;173:172.
5. Modrau B, Sørensen L, Bartholdy NJ, Weitzel-Mudersbach P, Andersen G, Rasmussen PV. Systemic thrombolytic therapy alone and in combination with mechanical revascularization in acute ischemic stroke in two children. *Case Rep Neurol* 2011;3:91-6.
6. von Weitzel-Mudersbach P, Johnsen SP, Andersen G. Low risk of vascular events following urgent treatment of transient ischemic attack: an institution-based follow-up study. The Aarhus TIA study. *Eur J Neurol* 2011;18:1285-90.
7. Ingeman A, Andersen G, Hundborg HH, Svendsen ML, Johnsen SP. In-hospital medical complications, length of stay and mortality among Stroke Unit patients. *Stroke* 2011; 42: 3214-18.

8. Klit H, Finnerup NB, Overvad K, Andersen G, Jensen TS. Pain following stroke: a population-based follow-up study. PLoS One 2011;6:e27607. Epub 2011 Nov 15.

## 2012

9. Kirkevold M, Christensen D, Andersen G, Johnsen SP, Harder I. Fatigue after stroke: manifestations and strategies. Disabil Rehabil 2012;34:665-70.
10. von Weitzel-Mudersbach P, Johnsen SP, Andersen G. "Intra- and extracranial stenoses in TIA – Findings from the Aarhus TIA-study: A prospective population-based study" Perspectives in Medicine". <http://dx.doi.org/10.1016/j.permed.2012.02.013>
11. Palnum KH, Mehnert F, Andersen G, Ingeman A, Krog BR, Bartels PD, Johnsen SP. Use of secondary medical prophylaxis and clinical outcome among patients with ischemic stroke: A Nationwide follow-up study. Stroke 2012;42: 802-807.
12. Hansen AP, Marcussen NS, Klit H, Andersen G, Finnerup NB, Jensen TS. Pain following stroke: A prospective study. Eur J Pain 2012;16:1128-36.
13. Hougaard KD, Hjort N, Ziedler D, Sørensen L, Nørgaard A, Thomsen RB, Jonsdottir K, Mouridsen K, Hansen TM, Cho T-H, Nielsen TT, Bødtker HE, Østergaard L, Andersen G. Remote ischemic preconditioning in thrombolysed stroke patients: Randomized study of activating endogenous neuroprotection – design and MRI measurements. International Journal of Stroke 2012;8:141-6.
14. Behrndtz A, Andersen G, Simonsen CZ. Superficiel siderose i centralnervesystemet behandlet med prednisolon. Ugeskrift for Læger 2012; 174: 2237-8.
15. Simonsen CZ, Yoo AJ. Antiplatelet therapy in ischemic stroke: does one size fit all? Expert Rev Cardiovasc Ther. 2012 Dec;10(12):1455-7.
16. von Weitzel-Mudersbach P, Johnsen SP, Andersen G. Intra- and extracranial stenosis in TIA – Findings from the Aarhus TIA-study: A prospective population-based study. Perspectives in Medicine 2012; 1: 207-210.

## 2013

17. Simonsen CZ, Nielsen E. Hypertensive microbleed as a transient ischemic attack mimic. Case Rep Neurol. 2013 Jan;5(1):31-3.
18. von Weitzel-Mudersbach P, Andersen G, Johnsen SP. TIA and minor stroke are the most common manifestations of acute cerebrovascular disease: A prospective population-based study. Neuroepidemiology 2013; 40: 50-55.

19. Meier B, Kalesan B, Khattab AA, Hildick-Smith D, Dudek D, Andersen G, Ibrahim R, Schuler G, Walton AS, Wahl A, Windecker S, Mattle HP, Jüni P. Treatment in patients with Cryptogenic embolism. *N Eng Med J* 2013; 368: 1083-1091.
20. Mortensen JK, Larsson H, Johnsen SP, Andersen G. Post-stroke use of selective serotonin reuptake inhibitors and clinical outcome among patients with ischemic stroke: A nationwide propensity-score matched follow-up study. *Stroke* 2013; 43: 420-426.
21. Witt A, Johnsen SP, Jensen LP, Hansen AK, Hundborg HH, Andersen G. Reducing delay of CEA in acute ischemic stroke patients: A nationwide initiative. *Stroke* 2013; 43: 686-690.
22. Schmitz ML, Andersen G, Funk-Jensen V, Simonsen CZ, Damgaard DW. Endovaskulær behandling af cerebral trombe ved samtidig behandling med Dabigatran. *Ugeskr. Læger* 2013;175: 1650-1.
23. Østergaard L, Jespersen SN, Mouridsen K, Mikkelsen IK, Jonsdóttir KÝ, Tietze A, Blicher JU, Aamand R, Hjort N, Iversen NK, Cai C, Hougaard KD, Simonsen CZ, Von Weitzel-Mudersbach P, Modrau B, Nagenthiraja K, Riisgaard Ribe L, Hansen MB, Bekke SL, Dahlman MG, Puig J, Pedraza S, Serena J, Cho TH, Siemonsen S, Thomalla G, Fiehler J, Nighoghossian N, Andersen G. „The role of the cerebral capillaries in acute ischemic stroke: the extended penumbra model“. *J Cereb Blood Flow Metab.* 2013 May;33(5):635-48. Review.
24. Kharitonova TV, Melo TP, Andersen G, Egido JA, Castillo J, Wahlgren N. Importance of cerebral artery recanalization in patients with stroke with and without neurological improvement after intravenous thrombolysis. *Stroke* 2013;44:2513-8.
25. Cummings J, Gilbert J, Andersen G. Pseudobulbar affect – a disabling but under-recognised consequence of neurological disease and brain injury. *European Neurological Review* 2013;8:74-81.
26. Simonsen CZ, Andersen G, González RG, Yoo AJ. Selection of patients for intra-arterial therapy. *Lancet Neurol.* 2013 Mar;12(3):225.
27. Sandow N, von Weitzel-Mudersbach P, Rosenbaum S, Mehl SR, Garbe A, Vajkoczy P. The extra-intracranial standard bypass in the elderly: perioperative risk, bypass patency and outcome. *Cerebrovasc Dis* 2013;36(3):228-35
28. Leistner S, Michelson G, Laumeier I, Ahmadi M, Smyth M, Nieweler G, Doehner W, Sobesky J, Fiebich JB, Marx P, Busse O, Köhler F, Poppert H, Wimmer ML, Knoll T, von Weitzel-Mudersbach P, Audebert HJ. Intensified secondary prevention intending a reduction of recurrent events in TIA

and minor stroke patients (INSPIRE-TMS): a protocol for a randomised controlled trial. *BMC Neurol*. 2013 Jan 24;

29. Hermitte L, Cho TH, Ozenne B, Nighoghossian N, Mikkelsen IK, Ribe L, Baron JC, Østergaard L, Derex L, Hjort N, Fiehler J, Pedraza S, Hermier M, Maucort-Boulch D, Berthezène Y. Very low cerebral blood volume predicts parenchymal hematoma in acute ischemic stroke. *Stroke*. 2013 Aug;44(8):2318-20
30. Mouridsen K, Nagenthiraja K, Jónsdóttir KY, Ribe LR, Neumann AB, Hjort N, Ostergaard L. Acute stroke: automatic perfusion lesion outlining using level sets. *Radiology*. 2013 Nov;269(2):404-12

## 2014

31. Hougaard KD, Hjort N, Ziedler D, Sørensen L, Nørgaard A, Hansen TM, von Weitzel-Mudersbach P, Simonsen CZ, Damgaard D, Gottrup H, Svendsen K, Rasmussen PV, Ribe LR, Mikkelsen IK, Nagenthiraja K, Cho TH, Redington AN, Bøtker HE, Østergaard L, Mouridsen K, Andersen G. Remote ischemic preconditioning as an adjunct therapy to thrombolysis in patients with acute ischemic stroke: A randomized trial. *Stroke* 2014;45:159-67.  
**Rewarded by: Most innovative publication in Stroke prize 2014.**
32. Prior A, Laursen TM, Larsen KK, Johnsen SP, Andersen G; Vestergaard M. Post-stroke mortality, stroke severity and preadmission antipsychotic medicine use – a population-based cohort study. *PLoS One* 2014;9:e84103.doi:10.1371
33. Simonsen CZ, Sørensen LH, Karabegovic S, Mikkelsen IK, Schmitz ML, Juul N, Yoo AJ, Andersen G. MRI before intraarterial therapy in ischemic stroke: feasibility, impact and safety. *J Cereb Blood Flow Metab*. Online publication April 2, 2014.
34. Mortensen JK, Larsson H, Johnsen SP, Andersen G. Impact of prestroke selective serotonin reuptake inhibitor treatment on stroke severity and mortality. *Stroke* 2014;45:2121-3.
35. Schmitz ML, Simonsen CZ, Hundborg H, Christensen H, Ellemann K, Geisler K, Iversen H, Madsen C, Rasmussen MJ, Vestergaard K, Andersen G, Johnsen SP. Acute ischemic stroke and long-term outcome after thrombolysis: nationwide propensity score-matched follow-up study. *Stroke* 2014;45:3070-2.
36. Ottosen TP, Svendsen ML, Hansen ML, Brandes A, Andersen G, Husted SE, Johnsen SP. Preadmission oral anticoagulant therapy and clinical outcome in patients hospitalised with acute stroke and atrial fibrillation. *Dan Med J*;2014;61:A4904

37. Kristensen NS, Nørgaard B, Mainz J, Bartels P, Andersen G, Johnsen SP. Off-hours hours admission and acute stroke care quality: A nationwide study of performance measures and case-fatality. *Stroke* 2014;46: online.
38. Simonsen CZ, Steiner T, Tietze A, Damgaard D. Dabigatran-related intracerebral hemorrhage resulting in hematoma expansion. *J Stroke Cerebrovasc Dis.* 2014;23:e133-4.
39. Thomalla G, Fiebach JB, Østergaard L, Pedraza S, Thijs V, Nighoghossian N, Roy P, Muir KW, Ebinger M, Cheng B, Galinovic I, Cho TH, Puig J, Boutitie F, Simonsen CZ, Endres M, Fiehler J, Gerloff C; WAKE-UP investigators.. A multicenter, randomized, double-blind, placebo-controlled trial to test efficacy and safety of magnetic resonance imaging-based thrombolysis in wake-up stroke (WAKE-UP). *Int J Stroke.* 2014 Aug;9(6):829-36.

## 2015

40. Simonsen CZ, Madsen MH, Schmitz ML, Mikkelsen IK, Fisher M, Andersen G. Sensitivity of diffusion- and perfusion-weighted imaging for diagnosing acute ischemic stroke is 97.5%. *Stroke.* 2015 Jan;46(1):98-101.
41. Mortensen JK, Andersen G. Safety of selective serotonin reuptake inhibitor treatment in recovering stroke patients. *Expert Opinion* 2015; 10.1517/14740338.2015.1033396.
42. Kraglund KL, Mortensen JK, Grove EL, Johnsen SP, Andersen G. TALOS: a multicenter, randomized, double-blind, placebo-controlled trial to test the effects of citalopram in patients with acute stroke. *J International Stroke* 2015 online.
43. Mortensen JK, Larson H, Johnsen SP, Andersen G. Early antidepressant treatment and all-cause 30-day mortality after first ischemic stroke. *Cerebrovasc Dis* 2015;40:81-90. DOI:10.1159/000435819.
44. Simonsen CZ, Sørensen LH, Andersen G. Akut iskæmsik apopleksi – ny evidens i behandlingen. *Månedsskrift for Almen Praksis* 2015;93,599-605.
45. Hess D, Blauenfeldt RA, Andersen G, Hougaard KD, Hoda M, Ding Y, Ji X. Remote ischemic conditioning: New paradigm of self-protection in the brain. *Nat. Rev. Neurol* 2015. doi:10.1038/nrneurol.2015.223
46. Mikkelsen R, Dalby RB, Hjort N, Simonsen CZ, Karabegovic S. Endovascular Treatment of Basilar Artery Thrombosis Secondary to Bilateral Vertebral Artery Dissection with Symptom Onset Following Cervical Spine Manipulation Therapy. *Am J Case Rep.* 2015 Dec 9;16:868-71.
47. Larsen LP, Johnsen SP, Andersen G, Hjøllund NH. Determinants of self-rated health 3 months after stroke. *Journal of Stroke and Cerebrovasc Dis.* 2015. doi 10.1016/j.jstrokecerebrovasdis.2015.12.014.

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48. Larsen LP, Biering K, Johnsen SP, Andersen G, Hjøllund NH. Self-rated health and return to work after first stroke. *J Rehabilitation Medicine* 2016. doi: 102340/16501977-2061.
49. Schmitz ML, Simonsen CZ, Mikkelsen IK, Svendsen ML, Larsson H, Fisher M, Johnsen SP, Andersen G. Ischemic stroke subtype is associated with outcome in thrombolysed patients. *Acta Neurol Scand* 03/2016; DOI:10.1111/ane.12589.
50. Hjort N, von Weitzel-Mudersbach P, Andersen G. Dissektion af halskar. *Ugeskr Læger* 2016;178:V12150976.
51. Mohamad NF, Hastrup S, Rasmussen M, Andersen MS, Johnsen SP, Andersen G, Simonsen CZ. Bypassing primary stroke center reduce delay and improves outcome for patients with large vessel occlusion. *European Stroke Journal* 2016;1: 85-92.
52. Hastrup S, Damgaard D, Johnsen SP, Andersen G. Prehospital acute stroke severity scale to predict large artery occlusion: design and comparison with other scales. *Stroke* 2016. Jun 07. Epub ahead of print.
53. Simonsen CZ, Schmitz ML, Madsen M, Mikkelsen IK, Chandra RV, Leslie-Mazwi T, Andersen G. Early neurological deterioration after thrombolysis: Clinical and imaging predictors. *International J Stroke* 2016 DOI:10.1177/1747493016650454.
54. Terkeldsen T, Schmitz ML, Simonsen CZ, Hundborg HH, Christensen HK, Gyllenborg J, Sandal BF, Iversen HK, Madsen C, Rasmussen MJ, Vestergaard K, Andersen G, Johnsen SP. Thrombolysis in acute ischemic stroke is associated with lower long-term hospital bed day use. *International Journal of Stroke*, 11(8), 910–916.
55. Simonsen CZ, Sørensen LH, Juul N, Johnsen SP, Yoo AJ, Andersen G, Rasmussen M. Anesthetic strategy during endovascular therapy: General anesthesia or conscious sedation? (GOLIATH - General or Local Anesthesia in Intra Arterial Therapy) A single-center randomized trial. *Int J Stroke*. 2016 Dec;11(9):1045-1052.
56. Eftekhari A, Damgaard D, Grove EL. Fatal stroke following treatment with apixaban in a patient with atrial fibrillation and left atrial appendage thrombus. *Int J Cardiol*. 2016;214:131-2.
57. Ottosen TP, Grijota M, Hansen ML, Brandes A, Damgaard D, Husted SE, Johnsen SP. Use of Antithrombotic Therapy and Long-Term Clinical Outcome Among Patients Surviving Intracerebral Hemorrhage. *Stroke*. 2016;47:1837-43.

58. Geraldo AF, Berner LP, Haesebaert J, Chabrol A, Cho TH, Derex L, Hermier M, Louis-Tisserand G, Chamard L, Klaerke Mikkelsen I, Ribe L, Østergaard L, Hjort N, Pedraza S, Thomalla G, Baron JC, Nighoghossian N, Berthèzene Y. Does b1000-b0 Mismatch Challenge Diffusion-Weighted Imaging-Fluid Attenuated Inversion Recovery Mismatch in Stroke? *Stroke*. 2016 Mar;47(3):877-81.
59. Berner LP, Cho TH, Haesebaert J, Bouvier J, Wiart M, Hjort N, Klærke Mikkelsen I, Derex L, Thomalla G, Pedraza S, Østergaard L, Baron JC, Nighoghossian N, Berthezène Y. MRI Assessment of Ischemic Lesion Evolution within White and Gray Matter. *Cerebrovasc Dis*. 2016;41(5-6):291-297
60. Korsholm K, Nielsen KM, Jensen JM, Jensen HK, Andersen G, Nielsen-Kudsk JE. Transcatheter left atrial appendage occlusion in patients with atrial fibrillation and a high bleeding risk using aspirin alone for post-implant antithrombotic therapy. *Eurointervention* 2016;15. pii EIJ-D-16-00726. doi: 10.4244. Epub ahead of print.

## Konferencer og foredrag

### 2011

1. Claus Z. Simonsen. Endovascular Therapy in Acute Ischemic Stroke. Dansk Neurologisk Selskabs årsmøde. Mar 2011.
2. Andersen G. Management of TIA. 16th Nordic Congress of cerebrovascular disease. Tallin 01.10.2011.
3. von Weitzel-Mudersbach P. Quality of life and depression after TIA compared to minor stroke - The Aarhus TIA-study. European Stroke Conference, Hamburg 2011

### 2012

4. Hougaard KD, Hjort N, Ziedler D, Nørregård A, Sørensen L, Ribe LR, Mikkelsen I, Mourtsen K, Cho TH, Nielsen TT, Bødtker HE, Østergaard L, Andersen G. Remote ischemic preconditioning in acute stroke: An endogenous model to generate neuroprotection. **Late Breaking News**. International Stroke Conference, New Orleans, 2. februar 2012.
5. Andersen G. Stroke hos patienter med atrieflimren set fra neurologens synsvinkel. Det kardiiovaskulære Forskningscenter, Aarhus Universitet. 19.03.2012
6. Andersen G. Organisationen af apopleksi behandling i RM. Fra fatalisme til helikopter. Møde i Jydsk Medicinsk Selskab 12.04.2012.



7. Andersen G. Kan vi optimere trombektomiforløbet? Fælles møde: Fra skadested til rekanalisering. Arrangeret af anæstesiologisk afdeling, Aarhus Universitetshospital. 18.04.2012
8. Witt AH, Johnsen SP, Andersen G. Reducing delay of CEA in acute ischemic stroke patients: A nationwide effort. 21. European Stroke Conference 24.05.2012. Received: **Junior investigator award.**
9. Andersen G. Neurological recommendations. 2nd global left atrial appendage occlusion. Summit. Noordwijk, Holland 01.06.2012.
10. Andersen G. Experiences from percutaneous left appendage occlusion therapy in atrial fibrillation. 12.11.2012, 9<sup>th</sup> Karolinska Stroke Update Conference.
11. Andersen G. Understanding the complexities of pain after stroke. UK Stroke Forum Conference 5.12.2012. Harrogate International Centre, North Yorkshire, UK.
12. von Weitzel-Mudersbach P, Obbekjaer T, Andersen G: Low perioperative stroke rate in Danish extracranial-intracranial bypass patients referred to a high volume center in Berlin. 8<sup>th</sup> World Stroke Congress Brasilia, Brazil 2012
13. Damgaard D. Nye orale antitrombotika. Erfaringer fra klinikken. Hvilke problemstillinger opstår og hvordan kan de håndteres i samarbejde med klinisk biokemi? Dansk Selskab for Klinisk Biokemi. 2012
14. Damgaard D. Sekundær profylaktisk antitrombotisk behandling efter apopleksi hos patienter med atrieflimren. Dansk Selskab for Apopleksis årsmøde Vejle 2012.
15. Damgaard D. Sekundær profylaktisk antitrombotisk behandling efter apopleksi hos patienter med atrieflimren. Dansk Selskab for Trombose og Hæmostases efterårsmøde 2012
16. Damgaard D. Syn med stroke: Medicinske og neurologiske nyheder indenfor behandling af stroke i det akutte stadie. Konference Institut for blinde og svagsynede. København 2012
17. Damgaard D. Thrombosis Expert Academy Meeting: What's new in thrombotic stroke. Copenhagen 2012.

## 2013

18. Andersen G. Status for håndtering af PFO efter stroke. Heart and Brain Conference. Copenhagen 03-04 May 2013.
19. Andersen G. Is there finally closure on PFO-closure. 17<sup>th</sup> Nordic Congress on Cerebrovascular disease. Vilnius 22.08.2013

20. Andersen G. Interventional closure of left atrial appendage in atrial fibrillation. 17<sup>th</sup> Nordic Congress on Cerebrovascular disease. Vilnius 22.08.2013
21. Andersen G. Neuroprotection. International PhD course. Aarhus 10.10.2013
22. Andersen G. At redde hjernen - når hvert minut tæller. Jydsk Medicinsk Selskab – 100 års jubilæum. 07.11.2013 Aarhus.
23. Andersen G. Status for håndtering af PFO efter stroke. Heart and Brain Conference. Copenhagen 03-04 May 2013.
24. Claus Z. Simonsen, Efficacy and safety of MRI-based thrombolysis in wake-up stroke. Dansk Selskab for Apopleksis årsmøde. Nov 2013.
25. Andersen G. Den nyeste forskning i Dansk Stroke Center – hvilken betydning får det for rehabiliteringsfasen. Dansk Neuropædiatrisk Selskab. Aarhus 20.11.2013.
26. Damgaard D. Atrieflimren og slagtilfælde. Efteruddannelse for sygeplejersker indenfor atrieflimren. 2013, 2014 og 2015
27. Damgaard D. Hvilke konsekvenser har manglende AK-behandling for patienterne? Antitrombose konference Dagens Medicin 2013
28. Damgaard D. 1) Sekundær forebyggelse af apopleksi og 2) Behandling af iskæmisk stroke og ICH hos patienter i behandling med nye orale antikoagulantia. Aarhus 2013
29. Damgaard D. Akut Stroke Behandling 2013. Morgenmøde. Hjertemedicinsk afdeling. Aarhus Universitetshospital 2013.

## 2014

30. Ottosen TP, Schmitz ML, Schmidt M, Jacobsen JB, Andersen G, Johnsen SP. Lack of improvement in incidence and case-fatality of first time hospital admission with intracerebral hemorrhage in Denmark 2004-2012. San Diego, International Stroke Conference 2014. **Young Investigator travel award.**
31. Claus Z. Simonsen. Efficacy and safety of MRI-based thrombolysis in wake-up stroke. Danish Selskab for Magnetisk Resonans. Apr 2014.
32. Andersen G. Post-stroke pain – an update. Teaching course. European Stroke Conference. Nice, France. 06. May 2014.
33. Claus Z. Simonsen. Cerebral Vasculitis. Diagnosis and Treatment. Dansk Selskab for Apopleksis årsmøde. Oct 2014.
34. Andersen G. Up-date on interventional left atrial appendage occlusion therapy in atrial fibrillation. Stroke-Update. ESO-Karolinska Stroke Update conference Stockholm 17.11.2014.

35. Andersen G. Prækonditionering ved apopleksi. Danish Emergency Medicine Conference 2014, 20.11.2014.
36. Ghader G, von Weitzel-Mudersbach P. Good long-term prognosis for patients with transient ischemic attack and symptomatic intracranial stenosis-The Aarhus TIA Study. European Stroke Conference, Nice 2014.
37. Damgaard D. "Stroke" Femte årlige konference om sundheds- og velfærdsteknologi. Aarhus 2014.
38. Damgaard D. LAAO is an alternative to chronic antikoagulation in patients with atrial fibrillation. Heart and Brain. Contra. København 2014.
39. Damgaard D. Antitrombotisk behandling ved iskæmisk apopleksi – med fokus på nedsat nyrefunktion. Dansk Nefrologisk Selskab. København 2014.

## 2015

40. Schmitz ML, Svendsen ML, Larson H, Madsen MH, Mikkelsen IK, Johnsen SP, Andersen G, Simonsen CS. Predictors of clinical outcome in ischemic stroke patients treated with IVT, based on MRI. Malmö. Nordic Stroke Conference 2015.
41. Mohammad NF, Hastrup SG, Rasmussen M, Andersen MS, Johnsen SP, Andersen G, Simonsen CZ. Improving logistics for acute ischemic stroke treatment. Malmö. Nordic Stroke Conference 2015.
42. Claus Z. Simonsen. MRI in Acute Stroke. Cincinnati University, Cincinnati, OH, USA. Feb 2015
43. Andersen G. Endovaskular treatment. The Aarhus Experience. 18th Nordic Stroke Congress. Malmø 26.06.2015.
44. Andersen G. Hva skjer med slagorganiseringen I Danmark?. 1. nationale møde om EVT ved akut hjerneinfarkt. World Stroke Day, Oslo. 29.10.2015.
45. Claus Z. Simonsen. Thrombectomy in Acute stroke. Dansk Selskab for Anæstesiologi og Intensiv Medicin. Samme foredrag for Dansk Selskab for Trombose og Hæmostase. Nov 2015.
46. Andersen G. Aurikellukning ved AFLI. Efterårsmøde. DSTH (Dansk Selskab for Trombose og Hæmostase). Vejle 26.11.2015.
47. Claus Z. Simonsen. MRI as a selection tool in Stroke. National stroke møde. Leuven, Belgium. Dec 2015.
48. Damgaard D. Dansk Apopleksi Register. Foredrag for norsk delegation af stroke eksperter og sundhedsadministratorer. Aarhus 2015
49. Damgaard D. Dansk Apopleksi Register. Foredrag for hollandsk delegation af sundhedsadministratorer. Aarhus 2015

50. Damgaard D. NOAK. Kliniske indikationer i dag. Mulighed for antidoter. Kongres for Klinisk Biokemi Vejle. 2015.
51. Damgaard D. Trombolyse og NOAC. Trombolysegruppen under Dansk Selskab for Apopleksi. Odense 2015
52. Damgaard D. Deltagelse i ekspert panel. "Danmarks nye folkesygdom: Hvordan løser vi udfordringerne ved atrieflimren?" Sundhedsparlamentet. Dagens Medicin og Effector. Folkemødet 2015 Bornholm.
53. Damgaard D. Neurologiomlægningen i praksis. Specialiseret behandling - Kvalitetsløft til alle. Aarhus Stroke Update 2015
54. Damgaard D. Thrombosis Expert Academy Meeting: Patients on anticoagulation with NOACS need to be monitored and Clinical Research in Thrombosis: A detailed look into publications. Dusseldorf. Germany 2015.

## 2016

55. Hastrup S, Damgaard D, Johnsen SP, Andersen G. Prehospital acute stroke severity scale to predict large vessel occlusion. Barcelona. European Stroke Conference 2016
56. Andersen G. Stroke Care Reform in Denmark: How to adapt to Europe. Barcelona. European Stroke Congress 2016.
57. Claus Z. Simonsen, Endovascular Treatment in Scandinavian Countries. Korean Stroke Society møde, Jeju Island, Sydkorea. Sep 2016.
58. Andersen G, Damgaard D. Prehospital triage may save brains – get started. ESO-Karolinska Stroke Update Conference. Stockholm 15.11.2016.
59. Damgaard D. Dansk Apopleksi Register. AUH. Besøg af polsk kvalitetsdelegation. 2016.
60. Damgaard D. Deltagelse i ekspert panel. "Slagtilfælde kan forebygges, hvorfor gør vi det ikke?" med fokus på atrieflimren Sundhedsparlamentet. Dagens Medicin og Effector. Folkemødet 2016 Bornholm.
61. Damgaard D. Håndtering af ICH hos antikoagulerede patienter. Dansk Selskab for Apopleksis årsmøde 2016
62. Damgaard D. A-kursus Nefrologi. Hypertension og hjernen. Kbh. 2016

## Poster abstracts

### 2012

1. v Weitzel-Mudersbach P, Frøslev T, Andersen G. Follow-up study of patient cohort treated with extra-intracranial bypass operation. World Stroke Congress Rio 2012.

### 2013

2. Hougaard KD, Hjort N, Bøtker HE, Sørensen L, Nørgaard A, Østergaard L, Mouridsen K, Andersen G. Pre-hospital remote ischemic preconditioning – a promising neuroprotective therapy. 06.02.2013 Honolulu, International Stroke Conference 2013.
3. Simonsen CS, Sørensen L, Karabegovic S, Juul N, Andersen G. Stent retrievers increase recanalization rate but not good outcome after large vessel stroke. 06.02.2013 Honolulu, International Stroke Conference 2013.
4. Ingeman A, Andersen G, Thomsen AW, Rasmussen HH, Johnsen SP. Lifestyle factors and the risk of post stroke pneumonia and urinary tract infection. 30.05.2013. XXII ISC London.

### 2014

5. Mortensen JK, Larsson H, Andersen G, Johnsen SP. Differential impact of preadmission selective serotonin reuptake inhibitor treatment on stroke outcome. A nationwide propensity score-matched follow-up study. San Diego, International Stroke Conference 2014.
6. Simonsen CZ, Sørensen LH, Karabegovic S, Juul N, Andersen G. Higher recanalization rate with stent retrievers, but not improved outcome. San Diego, International Stroke Conference 2014.

### 2015

7. Terkildsen T, Schmitz ML et al. (Moderated poster) Treatment with intravenous thrombolysis in acute ischemic stroke is associated with reduced bed day use: A Nationwide propensity score matched follow-up study. Nashville, International Stroke Conference 2015.
8. Mortensen JK, Larsson H, Johnsen SP, Andersen G. (Moderated poster) Incidence, predictors and mortality related post-stroke antidepressant treatment. Nashville, International Stroke Conference 2015.
9. Simonsen CS, Schmitz ML, Madsen M, Mikkelsen I, Andersen G. Symptomatic intracerebral haemorrhage after thrombolysis in MRI selected patients is rare and unpredictable. Nashville, International Stroke Conference 2015.

**2016**

10. Forfang E, Bell S, Andersen G, Wester P, Berge E, Al-Shahin Salam R. Oral anticoagulation after intracerebral haemorrhage: Views of stroke physicians in the UK and Scandinavia. Barcelona. European Stroke Congress 2016.
11. Hastrup S, Johnsen Sp, von-Weitzel Mudersbak P, Simonsen CZ, Hjort N, Møller AT, Harbo T, Poulsen M, Morales N, Damgaard D, Andersen G. Centralisation of acute stroke treatment. Barcelona. European Stroke Congress 2016. **Poster walk.**
12. Poulsen MS, Johnsen SP, v Weitzel-Mudersbach P, Simonsen CZ, Hjort N, Harbo T, Ruiz de Morales Ayudarte N, Damgaard D, Andersen G, Hastrup S. Centralization of acute stroke treatment is associated with higher rates of identified atrial fibrillation and carotid artery stenosis in acute stroke patients. Hyderabad, India. World Stroke Conference 2016.

**Igangværende eller afsluttede PhD og Scholarship****Igangværende**

1. Ph D studerende Sidsel Gaarn Hastrup: Optimering af det præhospitale forløb ved akut stroke og TIA. (halv tid) Afsluttes 2018.
2. Ph D studerende Kristian Lundsgaard Kraglund. Effekten af SSRI behandling (RCT) ved akut apopleksi. Afsluttes 2017.
3. Ph.D studerende Thorbjørn S Engedal. The role of capillary transit time heterogeneity (CTTH) in ischemic stroke. Afsluttes 2017.
4. Scholarship. Andreas Gammelgaard Lauritsen. SERT-genotypens betydning for depressionssymptomer og cognition. Afsluttes 2017.

**Afsluttede**

5. Ph D Janne Kærgård Mortensen. SERT genets betydning for udviklingen af apopleksi. August 2015.
6. Ph.D Marie Louise Schmitz. Langtidsopfølgning af trombolysebehandlet apopleksi. Okotber 2014.
7. Ph.D Kristina Dupont Hougaard. Remote Ischemic Perconditioning in acute ischemic stroke. A study of feasibility, safety and effect of a new method for neuroprotection. November.2012.
8. Scholarship. Niwar Faisal Mohamad. The Danish Field-to-Endovascular Therapy Helicopter Transport Program. June 2015.
9. Scholarship. Tobias Pilgaard Ottosen: Incidence and clinical outcome among patients hospitalized with intracerebral hemorrhage in Denmark. April 2014

### **Planlagte**

10. Ph D studerende Rolf Ankerlund Blauenfeldt. Remote Perconditioning multicenter study. (halv tid) Start 2017.
11. PhD studerende Anne Behrntz. TRIAGE stroke. Et multicenter studie af hurtigste transport til EVT center ved mistanke om stor stroke. Start 2018

### **Formidling/Undervisning**

#### **2011**

1. Engberg Aa, Andersen G. Hjerneskaderehabilitering i primærsektoren – en døende disciplin? Kronik, Ugeskrift for Læger 2011;173:1669.
2. Dorte Damgaard. Småkarssygdom i hjernen og lakunær infarkter. DSTH forum 1. udgave 2011.
3. Dorte Damgaard Medforfatter Nationale Behandlingsvejledning 2011, 2012, 2013, 2014 og 2015. kapitel 25: Kardiel tromboemboli. Dansk Cardiologisk Selskab.
4. Damgaard D. Cerebrovaskulær tromboembolisk sygdom. Iskæmisk Apopleksi. Kursus Dansk Selskab for Trombose og Hæmostase 2011
5. Damgaard D. A-kursus Neurologi. Primær og sekundær profylaktisk medicinsk behandling af apopleksi. 2011, 2012 og 2014.

#### **2012**

6. Andersen G. Depression efter apopleksi. Dansk Selskab for Apopleksi. Medlemsblad 2012.
7. Andersen G. Hvad er et menneske? 10.11.2012. Kirkehøjskole Roskilde.
8. Damgaard D. Medforfatter. Antitrombotisk behandling ved kardiovaskulære sygdomme "Trombokardiologi". Afsnit om Iskæmisk apopleksi og TCI. Dansk Cardiologisk Selskab. Dansk Selskab for Apopleksi. Dansk Thoraxkirurgisk Selskab. Dansk Selskab for Klinisk Biokemi. Dansk Selskab for Trombose og Hæmostase. 2012
9. Damgaard D. A-kursus Klinisk Biokemi. Stroke. 2012.
10. Damgaard D. A-kursus. Neuroradiologi. Stroke, klinik, udredning og medicinsk behandling. 2012, 2013, 2014 og 2015.
11. Damgaard D. Fagområde Trombose og Hæmostase: Arteriel tromboemboli. Kursusleder og undervisning om iskæmisk apopleksi 2012, 2015.

#### **2013**

12. Andersen G. Deltager i TV Dokumentar: Pigen der ikke ville dø – 1 år efter. 03.06.2013 DR1.

13. Andersen G, Sørensen LH, Simonsen CZ. Debatindlæg: Trombektomi i Danmark. Ugeskrift for Læger 2013; 175
14. Andersen G. A-kursus for akutlægeuddannelsen 06.06.2013
15. Andersen G. Hvad er et menneske – hjernens perspektiv. Viborg 08.10.2013.
16. Andersen G. At redde hjernen – når hvert minut tæller. Jysk Medicin 100 års jubilæum. Folkeuniversitetet i Aarhus den 14.11.2013.
17. Damgaard D. Medforfatter på afsnit om "Sekundær forebyggelse" Referenceprogram for behandling af patienter med apopleksi og TCI. Dansk Selskab for Apopleksi. 2013.

## **2014**

18. Simonsen CZ og Hjort N: A-Kursus tilrettelæggelse og undervisning på cerebrovaskulær del-kursus til speciallægeuddannelsen i Neurologi.
19. Andersen G. Danmark har brug for en hjerneplan. Kronik. Jyllands-Posten 02.04.2014.
20. Damgaard D, Revsholm J, Hvas AM. Behandling af akut stroke hos patienter i antikoagulerende behandling. DSTH forum 2. udgave 2014
21. Andersen G. A-kursus for akutlægeuddannelsen 10.09.2014

## **2015**

22. Simonsen CZ og Hjort N: A-Kursus tilrettelæggelse og undervisning på cerebrovaskulær del-kursus til speciallægeuddannelsen i Neurologi.
23. Rytter HM, Engberg Aa, Andersen G. Ny bekendtgørelse øger lægeansvar ved udfærdigelse af genoptræningsplaner for personer med erhvervet hjerneskade.- Kan den rette op på genoptræning og rehabilitering i primærsektoren? Kronik Ugeskrift for Læger 2015
24. Andersen G. Lundbeck Lectures i samarbejde med Folkeuniversitetet Aarhus/København. Blodprop i hjernen og livet derefter. 08.10.2015 og 22.10.2015.
25. Andersen G. A-kursus for akutlæge uddannelsen. 08.10.2015

## **2016**

26. Simonsen CZ og Hjort N: A-Kursus tilrettelæggelse og undervisning på cerebrovaskulær del-kursus til speciallægeuddannelsen i Neurologi.
27. Andersen G. Folkeuniversitetet i Fjerritslev. Akut blodprop og livet derefter. 15.03.2016.



28. Andersen G. Videnskabernes Selskab København 19.05.2016. Moderne diagnostik og behandling af blodpropper i hjernen: Bedre overlevelse – mindre handicap – en neurologisk succeshistorie.