



Curriculum Vitae

Personal information

Ana Catarina Fonseca

Work experience

Neurology consultant Sep 2020 - present
Hospital de Santa Maria, Centro Hospitalar Lisboa Norte, Lisboa, Portugal
Staff neurologist (Stroke Unit, Outpatient clinic, Emergency Department) Apr 2012 – Sep 2020
Hospital de Santa Maria, Centro Hospitalar Lisboa Norte, Lisboa, Portugal
Neurology resident Mar 2006 -Apr 2012
Hospital de Santa Maria, Centro Hospitalar Lisboa Norte , Lisboa, Portugal
Research Fellow Jan 2011 – Mar2011
Centre Hospitalier Sainte-Anne, Paris, France
Research Fellow Jul 2010 – Set 2010
Stroke Prevention Research Unit, John Radcliffe Hospital, Oxford, United Kingdom

Education and training

PhD in Medicine, Neurology
Faculty of Medicine, University of Lisbon, Portugal
2010-2014
Master of Public Health GPA 3.83 (0-4) 2011-2014
Harvard School of Public Health, Harvard University, USA
European Master in Stroke Medicine Final grade 1 (scale 1 to 5) 2008-2011
Danube University Krems, Austria
Master in Neurosciences Final grade 20 (scale 0 to 20) 2007-2009
Faculty of Medicine, University of Lisbon, Portugal
Medical Degree Final grade 18 (scale 0 to 20) 1998-2004
Faculty of Medical Sciences, New University of Lisbon, Portugal

Additional information

Publications

1. Kelly P, Lemmens R, Weimar C, Walsh C, Purroy F, Barber M, Collins R, Cronin S, Czlonkowska A, Desfontaines P, De Pauw A, Evans NR, Fischer U, **Fonseca C**, Forbes J, Hill MD, Jatuzis D, Kõrv J, Kraft P, Kruuse C, Lynch C, McCabe D, Mikulik R, Murphy S, Nederkoorn P, O'Donnell M, Sandercock P, Schroeder B, Shim G, Tobin K, Williams DJ, Price C. Long-term colchicine for the prevention of vascular recurrent events in non-cardioembolic stroke (CONVINCE): a randomised controlled trial. *Lancet*. 2024 Jun 7:S0140-6736(24)00968-1. doi: 10.1016/S0140-6736(24)00968-1.
2. Martinez-Majander N, Kutal S, Ylikotila P, Yesilot N, Tulkki L, Zedde M, Sarkanen T, Junttola U, Nordanstig A, Fromm A, Ryliskiene K, Licenik R, Ferdinand P, Jatuzis D, Kõrv L, Kõrv J, Pezzini A, Tuohinen S, Sinisalo J, Lehto M, Gerdts E, Ryödi E, Autere J, Hedman M, **Fonseca AC**, Waje-Andreassen U, von Sarnowski B, Redfors P, Sairanen T, Tatlisumak T, Roine RO, Huhtakangas J, Numminen H, Jäkälä P, Putaala J; SECRETO Study Group. Association between heavy alcohol consumption and cryptogenic ischaemic stroke in young adults: a case-control study. *J Neurol Neurosurg Psychiatry*. 2024 Jun

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3. Sindre R, Gerds E, Putaala J, Grymyr LMD, Midtbø H, Almeida AG, Bech-Hanssen O, Busch R, Eilertsen RK, **Fonseca AC**, Hedman M, Huhtakangas J, Jäkälä P, Lautamäki R, Lehto M, Martinez-Majander N, Redfors P, Sarkanen T, von Sarnowski B, Sinisalo J, Virtanen M, Waje-Andreassen U, MD, Yesilot N, Ylikotila P, Cramariuc D. Association of Left Atrial Stiffness With Risk of Cryptogenic Ischemic Stroke in Young Adults. *JACC Adv.* 2024 Apr;3(4). Doi: 10.1016/j.jacadv.2024.100903
4. Geraldles R, Santos M, Ponte C, Craven A, Barra L, Robson JC, Hammam N, Springer J, Henes J, Hocevar A, Putaala J, Santos E, Rajasekhar L, Daikeler T, Karadag O, Costa A, Khalidi N, Pagnoux C, Canhão P, Melo TPE, **Fonseca AC**, Ferro JM, Fonseca JE, Suppiah R, Watts RA, Grayson P, Merkel PA, Luqmani RA; DCVAS Study Group. Stroke frequency, associated factors, and clinical features in primary systemic vasculitis: a multicentric observational study. *J Neurol.* 2024 Jun;271(6):3309-3320. doi: 10.1007/s00415-024-12251-1
5. Yaghi S, Shu L, Mandel D, Leon Guerrero CR, Henninger N, Muppa J, Affan M, Ul-Haq Lodhi O, Heldner MR, Antonenko K, Seiffge D, Arnold M, Salehi Omran S, Crandall R, Lester E, Lopez Mena D, Arauz A, Nehme A, Boulanger M, Touze E, Sousa JA, Sargento-Freitas J, Barata V, Castro-Chaves P, Brito MT, Khan M, Mallick D, Rothstein A, Khazaaal O, Kaufmann JE, Engelter ST, Traenka C, Aguiar de Sousa D, Soares M, Rosa S, Zhou LW, Gandhi P, Field TS, Mancini S, Metanis I, Leker RR, Pan K, Dantu V, Baumgartner K, Burton T, Von Rennenberg R, Nolte CH, Choi R, MacDonald J, Bavarsad Shahripour R, Guo X, Ghannam M, Almajali M, Samaniego EA, Sanchez S, Rioux B, Zine-Eddine F, Poppe A, **Fonseca AC**, Baptista MF, Cruz D, Romoli M, De Marco G, Longoni M, Keser Z, Griffin K, Kuohn L, Frontera J, Amar J, Giles J, Zedde M, Pascarella R, Grisendi I, Nzwalo H, Liebeskind DS, Molaie A, Cavalier A, Kam W, Mac Grory B, Al Kasab S, Anadani M, Kicielinski K, Eltatawy A, Chervak L, Chulluncuy-Rivas R, Aziz Y, Bakradze E, Tran TL, Rodrigo-Gisbert M, Requena M, Saleh Velez F, Ortiz Gracia J, Mudassani V, de Havenon A, Vishnu VY, Yaddanapudi S, Adams L, Brownogehl A, Ranasinghe T, Dunston R, Lynch Z, Penckofer M, Siegler J, Mayer S, Willey J, Zubair A, Cheng YK, Sharma R, Marto JP, Mendes Ferreira V, Klein P, Nguyen TN, Asad SD, Sarwat Z, Balabhadra A, Patel S, Secchi T, Martins S, Mantovani G, Kim YD, Krishnaiah B, Elangovan C, Lingam S, Quereshi A, Fridman S, Alvarado A, Khasiyev F, Linares G, Mannino M, Terruso V, Vassilopoulou S, Tentolouris V, Martinez-Marino M, Carrasco Wall V, Indraswari F, El Jamal S, Liu S, Alvi M, Ali F, Sarvath M, Morsi RZ, Kass-Hout T, Shi F, Zhang J, Sokhi D, Said J, Simpkins AN, Gomez R, Sen S, Ghani M, Elnazeir M, Xiao H, Kala N, Khan F, Stretz C, Mohammadzadeh N, Goldstein E, Furie K. Antithrombotic Treatment for Stroke Prevention in Cervical Artery Dissection: The STOP-CAD Study. *Stroke.* 2024 Apr;55(4):908-918. doi: 10.1161/STROKEAHA.123.045731.
6. Silva AH, Alves PN, **Fonseca AC**, Pinho-E-Melo T, Martins IP. Neglect scoring modifications in the National Institutes of Health Stroke Scale improve right hemisphere stroke lesion volume prediction. *Eur J Neurol.* 2024 Feb;31(2):e16133. doi: 10.1111/ene.16133.
7. **Fonseca AC**. Stroke and Recent Myocardial Infarction, Reduced Left Ventricular Ejection

- Fraction, Left Ventricular Thrombus, and Wall Motion Abnormalities. *Curr Cardiol Rep.* 2023 Dec;25(12):1687-1697. doi: 10.1007/s11886-023-02009-y.
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 9. Serôdio M, Soares MF, Muxagata T, Almeida V, **Fonseca AC**. Sensitivity and Accuracy of Doppler Ultrasound compared to CT Angiography for the Diagnosis of Carotid Webs: Systematic Review. *Cerebrovasc Dis.* 2023 Nov 11. doi: 10.1159/000535155
 10. Pinto MJ, Schon M, Sousa JA, Filipe J, Costa A, Azevedo E, Sargento-Freitas J, Silva F, **Fonseca AC**, Castro P. Ultrasonographic Vasospasm and Outcome of Posterior Reversible Encephalopathy and Cerebral Vasoconstriction Syndromes. *Ultraschall Med.* 2023 Oct;44(5):487-494. English. doi: 10.1055/a-2127-9459.
 11. Vítor J, Bonifácio GV, **Fonseca AC**. Diagnosis of atrial fibrillation in young patients with ischemic stroke: A systematic review and meta-analysis. *J Stroke Cerebrovasc Dis.* 2023 Oct;32(10):107299. doi: 10.1016/j.jstrokecerebrovasdis.2023.
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 15. **Fonseca AC**. Editorial: Pushing the frontiers of stroke care and research – where are we heading? *Frontiers in Stroke* 2024;2:1353566.
 16. Oliveira G, **Fonseca AC**, Ferro JM, Oliveira AL. Potential and limitations of computed tomography images as predictors of the outcome of ischemic stroke events: a review. *Frontiers in Stroke* 2024; 2:1242901.
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- Whiteley W, Zini A, van Zwam W, Fiehler J. European Stroke Organisation – European Society for Minimally Invasive Neurological Therapy expedited recommendation on indication for intravenous thrombolysis before mechanical thrombectomy in patients with acute ischaemic stroke and anterior circulation large vessel occlusion. *Eur Stroke J*. 2022;7(1):I-XXVI. doi: 10.1177/23969873221076968.
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33. **Fonseca AC**, Silva DP, Infante J, Ferro JM. Cerebrovascular Complications of Anemia. *Curr Neurol Neurosci Rep*. 2021 Sep 3;21(10):51. doi: 10.1007/s11910-021-01141-y.
34. **Fonseca AC**. The dawn of precision medicine in stroke. *Eur J Neurol*. 2021 Nov;28(11):3548-3549. doi: 10.1111/ene.15047.
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38. Martins IP, **Fonseca AC**, Pires L, Ferro JM. Undergraduate neurology teaching: Comparison of an inpatient versus outpatient clinical setting. *Eur J Neurol*. 2021 Apr;28(4):1108-1112. doi: 10.1111/ene.14677.
39. Marto JP, Kauppila LA, Jorge C, Faustino P, Sargento-Freitas J, Pereira L, Galego S, Dias R, Castro P, Pinho-E-Melo T, **Fonseca AC**. Acute Myocardial Infarction after Intravenous Thrombolysis for Acute Ischemic Stroke: Case Series and Systematic Review. *J Stroke Cerebrovasc Dis*. 2021 Dec 13;31(2):106244. doi: 10.1016/j.jstrokecerebrovasdis.2021.106244.
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- gaps in acute stroke care in Europe. *Eur J Neurol.* 2021 Feb;28(2):717-725. doi: 10.1111/ene.14583. * 1ª autoria conjunta
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Projects

Memberships

- Portuguese Neurological Society (SPN) - Vice-President (2017-2019)
- European Academy of Neurology (EAN) - Individual member of the stroke scientific panel
- World Federation of Neurology (WFN) - Portuguese delegate (2016-2020)
- European Stroke Organization (ESO) - Fellow
- World Stroke Organization (WSO) - member of the congress planning committee (2021 - present), Co-chair of the scientific committee of the World Stroke Congress 2021, Member of the scientific committee of the World Stroke Congress 202)

Other Relevant Information