



Universiteit  
Leiden  
The Netherlands

## Migraine and brain changes

Meinders, I.H.

### Citation

Meinders, I. H. (2018, February 15). *Migraine and brain changes*. Retrieved from <https://hdl.handle.net/1887/61147>

Version: Not Applicable (or Unknown)

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/61147>

**Note:** To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The following handle holds various files of this Leiden University dissertation:  
<http://hdl.handle.net/1887/61147>

**Author:** Meinders, I.H.

**Title:** Migraine and brain change

**Issue Date:** 2018-02-15

# Chapter 10

## List of publications

Box FM, van der Grond J, de Craen AJ, Palm-Meinders IH, van der Geest RJ, Jukema JW, Reiber JH, van Buchem MA, Blauw GJ; PROSPER Study Group. Pravastatin decreases wall shear stress and blood velocity in the internal carotid artery without affecting flow volume: results from the PROSPER MRI study. *Stroke*. 2007 Apr;38(4):1374-6.

Liauw L, Palm-Meinders IH, van der Grond J, Leijser LM, le Cessie S, Laan LA, Heeres BC, van Buchem MA, van Wezel-Meijler G. Differentiating normal myelination from hypoxic-ischemic encephalopathy on T1-weighted MR Images: a new approach. *AJNR Am J Neuroradiol*. 2007 Apr;28(4):660-5.

Box FM, van der Geest RJ, van der Grond J, van Osch MJ, Zwinderman AH, Palm-Meinders IH, Doornbos J, Blauw GJ, van Buchem MA, Reiber JH. Reproducibility of wall shear stress assessment with the paraboloid method in the internal carotid artery with velocity encoded MRI in healthy young individuals. *J Magn Reson Imaging*. 2007 Sep;26(3):598-605.

Liauw L, van der Grond J, van den Berg-Huysmans AA, Palm-Meinders IH, van Buchem MA, van Wezel-Meijler G. Hypoxic-ischemic encephalopathy: diagnostic value of conventional MR imaging pulse sequences in term-born neonates. *Radiology*. 2008 Apr;247(1):204-12.

Palm-Meinders IH, Box FM, de Craen AJ, Blauw GJ, van Buchem MA, van der Grond J. Diastolic wall shear stress in the internal carotid artery is associated with different cardiovascular risk factors than systolic wall shear stress. *Cerebrovasc Dis*. 2009;28(2):185-90.

Koppen H, Palm-Meinders I, Kruit M, Lim V, Nugroho A, Westhof I, Terwindt G, Buchem MV, Ferrari M, Hommel B. The impact of a migraine attack and its after-effects on per-

ceptual organization, attention, and working memory. *Cephalalgia*. 2011 Oct;31(14):1419-27

Mutsaerts HJ, Palm-Meinders IH, de Craen AJ, Reiber JH, Blauw GJ, van Buchem MA, van der Grond J, Box FM; on behalf of the PROSPER Study Group. Diastolic Carotid Artery Wall Shear Stress Is Associated With Cerebral Infarcts and Periventricular White Matter Lesions. *Stroke*. 2011 Dec;42(12):3497-3501.

Koppen H, Palm-Meinders IH, Ferrari MD. Right-to-left shunts and micro-embolization in migraine. *Curr Opin Neurol*. 2012 Jun;25(3):263-8

Palm-Meinders IH, Ferrari MD, Kruit MC. (2011) "Iron accumulation in migraine" In *The Migraine Brain*, Borsook, May, Goadsby, Hargreaves (Eds) 117-123 New York

Palm-Meinders IH, Ferrari MD, Kruit MC. (2011) "Migraine and brain lesions" In *The Migraine Brain*, Borsook, May, Goadsby, Hargreaves (Eds) 123-137 New York

Palm-Meinders IH, Koppen H, Terwindt GM, Launer LJ, Konishi J, Moonen JM, Bakkers JT, Hofman PA, van Lew B, Middelkoop HA, van Buchem MA, Ferrari MD, Kruit MC. Structural brain changes in migraine. *JAMA*. 2012 Nov 14;308(18):1889-97

Koppen H, Palm-Meinders IH, Mess WH, Keunen RW, Terwindt GM, Launer LJ, van Buchem MA, Kruit MC, Ferrari MD. Systemic right-to-left shunts, ischemic brain lesions, and persistent migraine activity. *Neurology*. 2016 May 3;86(18):1668-75

Koppen H, Boele HJ, Palm-Meinders IH, Koutstaal BJ, Horlings CG, Koekkoek BK, van der Geest J, Smit AE, van Buchem MA, Launer LJ, Terwindt GM, Bloem BR, Kruit MC, Ferrari MD, De Zeeuw CI. Cerebellar function and ischemic brain lesions in migraine patients from the general population. *Cephalalgia*. 2017 Feb;37(2):177-190.

Palm-Meinders IH, Koppen H, Terwindt GM, Launer LJ, van Buchem MA, Ferrari MD, Kruit MC. Iron in deep brain nuclei in migraine? CAMERA follow-up MRI findings. *Cephalalgia*. 2017 Jul;37(8):795-800.

Gretchen E.Tietjen, Jagdish Khubchandani, Nabeel Herial, Inge H. Palm-Meinders, Hille Koppen, Gisela M. Terwindt, Mark A. van Buchem, Lenore J. Launer, Michel D. Ferrari, Mark C. Kruit. Migraine and Vascular Disease Biomarkers: A population-based study. Accepted for publication *Cephalalgia* 2017

Enrico B. Arkink, Inge H. Palm-Meinders, Hille Koppen, Julien Milles, Baldur van Lew, Lenore J. Launer, Paul A.M. Hofman, Gisela M. Terwindt, Mark A. van Buchem, Michel D. Ferrari, Mark C. Kruit. Microstructural changes in normal appearing white matter preceding white matter hyperintensities in migraine. Submitted for publication.

Palm-Meinders IH, Arkink EB, Koppen H, Amlal S, Terwindt GM, Launer LJ, van Buchem MA, Ferrari MD, Kruit MC. Volumetric brain changes in migraineurs from the general population. *Neurology*. 2017 Nov 14;89(20):2066-2074.

