

Magnetic resonance imaging of carotid intraplaque hemorrhage and microvasculature

Citation for published version (APA):

Crombag, G. A. J. C. (2019). *Magnetic resonance imaging of carotid intraplaque hemorrhage and microvasculature*. Gildeprint en Universitaire Pers Maastricht. <https://doi.org/10.26481/dis.20191011gc>

Document status and date:

Published: 01/01/2019

DOI:

[10.26481/dis.20191011gc](https://doi.org/10.26481/dis.20191011gc)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

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Magnetic Resonance Imaging of Carotid Intraplaque Hemorrhage and Microvasculature

1. Leaky plaque microvasculature is not the only factor that contributes to the development of intraplaque hemorrhage (*this thesis*).
2. Analysis of both the symptomatic and contralateral asymptomatic plaque assists in a better understanding of plaque destabilisation (*this thesis*).
3. Wall stress and wall shear stress may play an important role in intraplaque hemorrhage development and plaque destabilisation (*this thesis*).
4. MRI is currently the only reliable method to identify intraplaque hemorrhage noninvasively (*this thesis*).
5. A randomised, controlled surgery trial will be the next step towards implementation of plaque imaging into daily clinical practice (*valorisation, this thesis*).
6. Development of imaging techniques has shifted diagnosis far beyond identification of appearances of normal and abnormal structures.
7. Medical imaging is a key aspect of personalised medicine.
8. We know more about disease than about health. *Dr. Valentin Fuster*
9. Anyone who has never made a mistake has never tried anything new.
Albert Einstein