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**Title**: Cardiovascular and hemodynamic contribution to brain aging  
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Propositions
Accompanying this thesis
Cardiovascular and Hemodynamic Contribution to Brain Aging

1. Disturbance in cerebrovascular hemodynamics is a prominent feature of patients with cognitive impairment. (This thesis)

2. Not only advanced heart failure but also suboptimal cardiac functioning accelerates the process of brain aging in older people. (This thesis)

3. The association between high blood pressure and adverse brain outcomes is dependent on chronological as well as biological age. (This thesis)

4. Lower cerebral blood flow is associated with shorter survival in older people. This highlights the key role of the brain in regulation of homeostasis. (This thesis)

5. Increased visit-to-visit blood pressure variability is linked to changes in brain structure and impairment of brain function in old age. (This thesis)

6. Predictive value of the conventional vascular risk factors for stroke attenuates with age. Instead, cognitive impairment better predicts risk of stroke in old age. (This thesis)


8. A close interaction exists between the brain and body. This intuitive concept can be a missing piece of the dementia puzzle.

9. Personalized medicine is not only about personalized treatment but also personalized preventive and recovery care. This is particularly the case when it comes to older people.

10. If you only have a hammer, you tend to see every problem as a nail. (Abraham Maslow, The Psychology of Science: A Reconnaissance, 1966)

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