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## **Triage of stroke patients in the chain of acute stroke care**

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## **TRIAGE OF STROKE PATIENTS IN THE CHAIN OF ACUTE STROKE CARE**

T. Truc My Nguyen, 2 februari 2022

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1. Alarming the general practitioner first after stroke onset rather than the emergency medical services leads to important prehospital delays in the chain of acute stroke care. (this thesis)
2. Implementation of a prehospital large anterior vessel occlusion prediction scale improves stroke code patient allocation and therefore reduce vital delays to reperfusion treatment. (this thesis)
3. tRNA-derived fragments hold potential for biomarkers to distinguish different stroke subtypes. (this thesis)
4. Estimation rather than measurement of bodyweight for rt-PA titration does not lead to a different safety and efficacy profile. (this thesis)
5. The focus should be on reducing prehospital time delays in the chain of acute stroke care, as in-hospital delays have been reduced substantially in the last decades. (based on Pulvers et al. *Frontiers in Neurology* 2017)
6. An ultra-rapid and accurate point-of-care test to distinguish between ischemic and hemorrhagic stroke is the holy grail to reduce delays in the chain of acute stroke care. (based on Luger et al. *Neurocritical Care* 2020)
7. Because there is no biomarker yet that has demonstrated sufficient sensitivity, specificity, rapidity, precision, and cost-effectiveness to be used in the routine management of stroke, research in this field should have high priority. (based on Kamtchum-Tatuene et al. *Neuromolecular Medicine* 2019)
8. Not a single, but a panel of diagnostic and prognostic blood biomarkers have great potential to revolutionize stroke management and contribute to individualized precision medicine for stroke patients. (based on Rust et al. *JCBFM* 2021)
9. Festina lente, in een steeds sneller draaiende wereld. (based on a translation from Latin: make haste, slowly, a motto used by Augustus Roman emperor, slowing down is sometimes the best way to speed up)
10. Wees je ervan bewust, dat er geen mooier dak boven je hoofd is dan je eigen schedeldak. (based on a postcard, showing appreciation for your brain as the most important body part)