

Stellingen

1. Atherosclerotic carotid plaque ulceration is associated with non-lacunar ischemic stroke, independent of the degree of carotid stenosis. (*This thesis*)
2. Plaque volume, degree of stenosis, and lipid-rich necrotic core proportion evaluated non-invasively with multi-detector computed tomography angiography are associated with carotid artery plaque ulceration. (*This thesis*)
3. Carotid ulcerations persist for several years, and remain a potential source of thrombo-embolism. (*This thesis*)
4. The association of non-calcified intracranial arterial stenosis with an increased erythrocyte sedimentation rate indicates a prominent role for inflammatory factors in intracranial atherosclerotic disease. (*This thesis*)
5. The risk of recurrent ischemic stroke in patients with intracranial arterial stenosis is high, and it is more than doubled in patients with symptomatic, compared to patients with asymptomatic intracranial arterial stenosis. (*This thesis*)
6. Extracorporeal shock wave therapy has a significant effect on spasticity in post-stroke patients. (J Rehabil Med. 2018; doi:10.2340/16501977-2385)
7. Microcirculation and molecular and cellular functions of an intact pig brain can be restored and maintained under ex vivo normothermic conditions up to four hours post-mortem. (Nature. 2019; <https://doi.org/10.1038/s41586-019-1099-1>)
8. Sighs are often unintentional expressions of an activity, plan or desire that has to be discarded, creating a pause before it can be replaced by a novel initiative. (Scand J Psychol. 2008; <https://doi.org/10.1111/j.1467-9450.2007.00599.x>)
9. Swearing increases pain tolerance, increases heart rate and decreases perceived pain. The observed pain-lessening (hypoalgesic) effect may occur because swearing induces a fight-or-flight response and nullifies the link between fear of pain and pain perception. (Neuroreport. 2009; doi:10.1097/WNR.0b013e32832e64b1)
10. Direct air carbon capture and storage is a negative emission technology that is both technically feasible and economically affordable (at \$94-\$232 per ton CO₂), adding \$0.22-\$0.53 to the price of a liter of gasoline to compensate for all CO₂ that will be produced. This price is lower than the VAT and excise duties that are added to most fossil fuel prices in the Netherlands, or the €1.695,- tax loss per ton of CO₂ saved for a Tesla Model 3 SR. (Joule. 2018; <https://doi.org/10.1016/j.joule.2018.05.006>; <https://www.rekenkamer.nl/publicaties/rapporten/2020/06/24/autobelastingen-als-beleidsinstrument>)
11. If every country committed to spending 0.05 percent of GDP on researching non-carbon-emitting energy technologies, that would cost \$25 billion a year, and it would do a lot more than massive carbon cuts to fight warming and save lives. (Bjorn Lomborg, the Telegraph, 2009)