Pharmaceutical stabilization of abdominal aortic aneurysms : changing its natural history

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Stellingen

PHARMACEUTICAL STABILIZATION OF ABDOMINAL AORTIC ANEURYSMS

Changing its natural history

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1. The optimism for pharmaceutical AAA stabilization is based on successful inhibition of AAA growth in animal models and case series, and not on large randomized controlled trials. – dit proefschrift

2. Neutrophil influx is a key perpetuator the chronic inflammation in AAA disease and provides a highly promising pharmaceutical target for AAA stabilization. – dit proefschrift

3. Despite extremely high levels of IL6 in the AAA vessel wall, IL6 does not play a key role in AAA progression. – dit proefschrift

4. Enrichment of adipocyte-related genes and pathways in ruptured AAA versus non-ruptured controls implies an association between fatty degeneration of the AAA wall and AAA rupture. – dit proefschrift

5. An atherosclerotic aneurysm of the aorta is a misnomer

6. AAA diameter remains the most widely used marker of AAA progression. However, as the mean AAA growth rates are within the inter-observer measurements error/variation for ultrasound, newer imaging assessments, *such as volume measurements, biomechanical analyses, and functional and molecular imaging, as well as circulating biomarkers,* have potential to add important information about AAA progression –J. Golledge [Arterioscler Thromb Vasc Biol. 2016 Feb;36(2):236-44.]

7. The angiotensin II model reflects a process of aortic dissection rather than AAA disease – A. Daugherty PhD, University of Kentucky. [Founder of the Angiotensine 2 AAA model and Cardiovasc Res 2015; 105: 213-22.]

8. Smoking cessation should always be pursued, regardless of other therapies. – F.A. Lederle MD PhD, University of Minnesota School of Medicine [Circulation 2011 Sep 6;124(10):1097-9.]

9. Extreme pricing in the pharmaceutical market indicates that there is a discrepancy between their market-driven policies and their original incentives for innovation

10. Excellent interdisciplinary collaboration is needed in healthcare, however the rivalry and competition between departments, hospitals and countries holds back global healthcare progression

11. Whatever you are, be a good one – Abraham Lincoln (1809 –1865, 16th president of the United States of America) [A. Lincoln: A Biography by Ronald C. White Jr.]