

The snowball effect in aortic valve disease

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The snowball effect in aortic valve disease Gaining insight in imaging, circulating and tissue biomarkers towards a halt in disease progression

Frederique Elisabeth Corline Maria Peeters

18 april 2019

1. De ontwikkeling en progressie van aortaklepstenose wordt gereguleerd door interactie van complexe pathofysiologische processen. Niet alleen progressie van aortaklepstenose, maar ook de eerste ontwikkeling van de ziekte wordt gedreven door verkalking. *(dit proefschrift)*
2. Het vitamine-K afhankelijke matrix Gla proteïne is aanwezig in regio's waar verkalking zit, maar ook waar het zich gaat ontwikkelen. *(dit proefschrift)*
3. Vitamine K2 kan bij aortaklepstenose bijdragen aan remming van de verkalking van de klep. *(dit proefschrift)*
4. In tegenstelling tot NOACs dragen vitamine K antagonist bij aan verkalking. *(dit proefschrift)*
5. Increasing knowledge of processes involved in aortic valve stenosis progression will help to develop a personalized and more effective approach to treatment. *(valorization)*
6. Statins, a double-edged vascular sword: inhibiting inflammatory responses but increasing calcification. *(JACC cardiovascular imaging. Double face of statins at the crossroad of coronary atherosclerotic plaque and aortic valve calcification? December 2018)*
7. Naast vitamine K antagonist dragen ook geactiveerde bloedplaatjes bij aan de progressie van aortaklep verkalking, wat aangeeft dat de functie van de hemostase breder is dan alleen bloedingsstelping *(Eur Heart J. Activated platelets promote an osteogenic programme and the progression of calcific aortic valve stenosis. November 2018)*
8. Alle protocollen ten spijt, het belangrijkste blijft de individuele zorgverlener die scherp blijft. *Guy Peeters*
9. The greatest glory in living is not in falling, but in rising every time we fall. *Nelson Mandela*
10. In order to be irreplaceable one must always be different. *Coco Chanel*
11. Physical fitness is not only one of the most important keys to a healthy body; it is the basis of dynamic and creative intellectual activity. *John F. Kennedy*