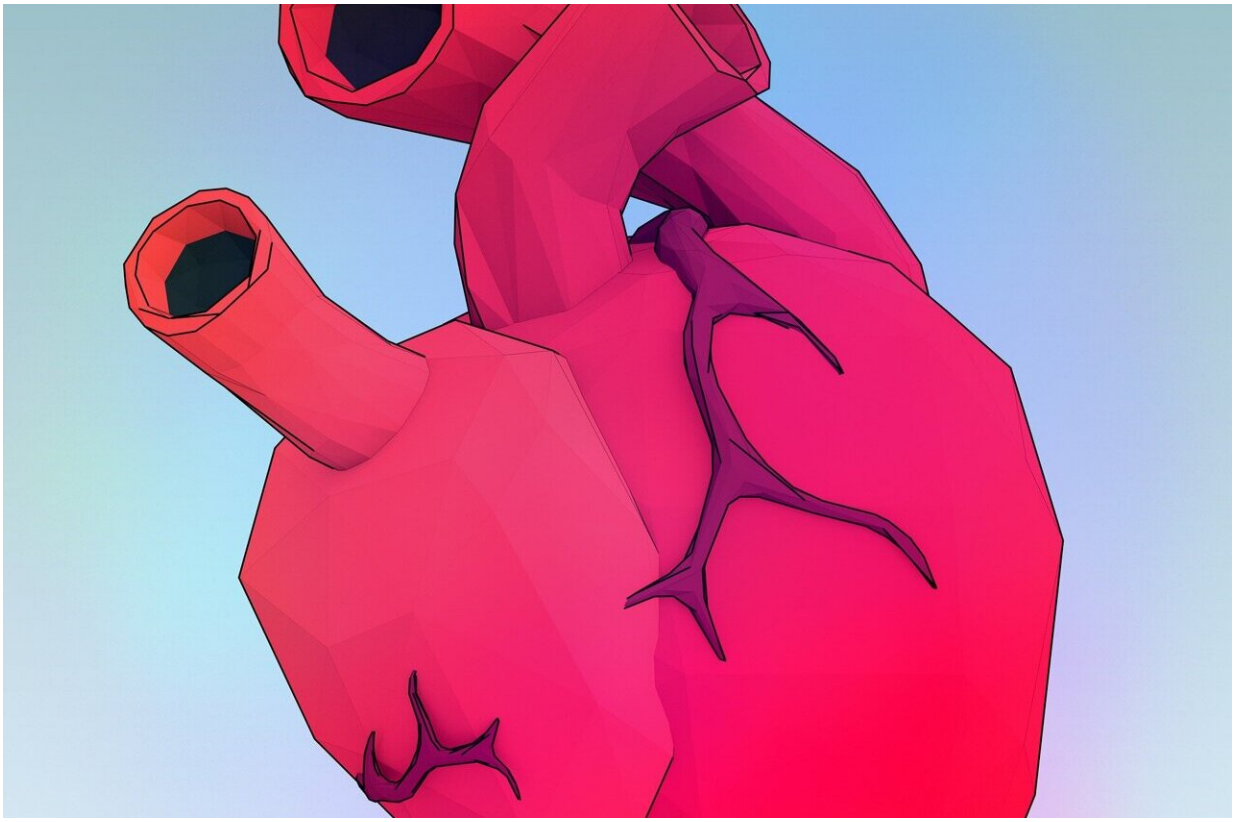
Thesis on bioprosthetic aortic valves

November 28 2022



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Michael Dismorr at the research group Thoracic Surgery, the Department of Molecular Medicine and Surgery, defended his thesis "Epidemiological studies of bioprosthetic aortic valves" on November 18, 2022.

What's the main focus of your thesis?

The focus of the thesis was on bioprosthetic aortic valves. We performed large register-based studies to investigate different types and models of prostheses, in specific patient groups. These findings will provide important answers that can be used during procurement processes, as well as for clinicians and patients, before, during and after surgery.

Which are the most important results?

We identified a prosthetic model that performed better than the other models, and one model that performed worse. This is important findings that can be used during procurement, prosthesis selection during surgery, and during follow-up of patients after surgery.

How can this new knowledge contribute to the improvement of people's health?

By choosing the right prosthesis for the right patient, we can optimize patient survival, and minimize the risk for severe adverse events.

What are your future ambitions?

To continue research for Karolinska Institutet, and participation in international collaborations.

More information: Epidemiological studies of bioprosthetic aortic valves. openarchive.ki.se/xmlui/handle … 782573515.1666265348

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