The 4 Entities of Aortic Stenosis and How the Myocardium Reacts to Pressure Overload

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Aortic stenosis is the most common primary valve disease leading to surgery or catheter intervention in Europe. The transvalvular pressure gradient depends on left ventricular function, and both are used for the current diagnostic classification into 4 functional groups. However, besides facilitating diagnosis little is known about the pathophysiology and individual clinical impact linked to each of these defined phenotypes. PD Dr. Jacobshagen is a physician scientist and head of the TAVI program at the UMC Göttingen. He will discuss latest strategies to diagnose and classify aortic stenosis, and provide novel insights into clinical features and the prognostic information of the currently distinguished subtypes.

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