

JOINT EVENT

3rd International Conference on Cardiovascular Medicine and Cardiac Surgery
&26th Annual Conference on Clinical & Medical Case Reports in Cardiology

July 05-06, 2018 | Berlin, Germany

**Rainer Moosdorf***University Hospital Giessen and Marburg, Germany***Alternative TAVI-approaches in multimorbid patients**

Transapical aortic valve implantation (TAVIs) have become an established alternative to conventional aortic valve replacement in elderly high to intermediate risk patients. The main access is transfemoral; alternatively transapical, transaortic and other rare vascular approaches are used. Some patients however, are present with severe comorbidities, which necessitate further considerations. We will present two such patients. The first patient, 81 years of age, had severe bilateral carotid artery disease with status post stroke together with significant aortic stenosis. We choose to perform a bilateral carotid endarterectomy and in the operation also a transcatheter guided aortic valve implantation via a vascular graft attached to the left common carotid artery. The second patient was referred to us for a TAVI, but heart catheterization revealed a filiform left main stem stenosis. We decided to perform an on pump double CABG and a direct transaortic TAVI through a mini aortotomy. By this hybrid approach, x-clamp time was really minimized and the 91 year old patient had an uneventful course as well. Since then we have performed a small series of such hybrid interventions.

Biography

Rainer Moosdorf started his career as a Resident at the University Hospital in Giessen in 1978. In 1990, he became a Full Professor for Cardiovascular Surgery at the University in Bonn and Vice Chairman of the respective department. In 1989 and 1990, he spent two semesters at the Carolinas Heart Institute in Charlotte/NC as a Research and Clinical Fellow. Since 1994, he is working at the University Hospital in Marburg as a Full Professor for Cardiovascular Surgery and Director of the department. Between 2001 and 2011, he also held the position of the Vice Medical Director and since 2006 the Medical Director of the University Hospital in Marburg. His main specialties within cardiovascular surgery are laser- and arrhythmia surgery, endovascular procedures including TAVI's and endovascular reconstructions of the aortic arch and reconstructive surgery of the coronaries. As the Chairman of the Board of Medical Network Hessen, he is an official representative of the State of Hessen in the field of Clinical Medicine and Medical Education.