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Name of Journal: *World Journal of Cardiology*

Manuscript NO: 36228

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Transcatheter aortic valve implantation operators - get involved in imaging!

Miriam Brinkert, Stefan Toggweiler

Abstract

Pre-procedural planning is the key element of transcatheter aortic valve implantation (TAVI). Multislice computed tomography of the chest, abdomen and pelvis with the ability to perform a 3-dimensional reconstruction has become the cornerstone of pre-procedural planning. We would like to encourage TAVI operators (interventional cardiologist and surgeons) to get involved in imaging. All TAVI operators should know how to assess the annulus, the annular root, and the iliofemoral access. We strongly believe that this will improve outcomes of this evolving procedure.

Key words: Aortic stenosis; Transcatheter aortic valve implantation; Transcatheter1 **Crossref** 15 wordsDelgado, V., S. Kapadia, M. J. Schali, J. D. Schuij, E. M. Tuz
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2014年1月23日 - Transcatheter aortic valve implantation (TAVI) is indicated for patients with and obtain direct planimetry aortic valve area and precise aortic annulus approach, after the transfemoral artery, from experienced operators.

[Transcatheter aortic valve implantation (TAVI): Current perspectives].

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作者: L Gaede - 2015 - [被引用次数: 2](#) - [相关文章](#)

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Echocardiography for transcatheter aortic valve implantation ...

<https://academic.oup.com/ehjcardimaging/.../Echocardiography-for-transcathete...> - 翻译此页

2009年1月1日 - The role of the imaging specialist is defined within the TAVI team aiming to ... unique challenges for specialists involved in interventional imaging. the aortic root as necessary to obtain the correct sizing measurements. ... BAV, the operator should consider the risk of low deployment and its complications.

Patient selection for TAVI - European Society of Cardiology

<https://www.escardio.org/Journals/E-Journal-of-.../patient-selection-for-tavi> - 翻译此页

2016年2月9日 - ... of the technology and the operator skill required for TAVI have allowed ... This e-article reviews patient selection for TAVI from a clinical and anatomical point of view. 3D imaging modalities such as CT and 3D echocardiography are ... details of affiliation or involvement in an

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Preprocedural CT Evaluation of Transcatheter Aortic Valve Replacement

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CT in Transcatheter Aortic Valve Replacement | Radiology

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Preprocedural CT Evaluation of Transcatheter Aortic Valve Replacement

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作者: RA Salgado - 2014 - 被引用次数: 12 - 相关文章

2013年5月28日 - Imaging for Cardiac Valve Interventions ... The final symptomatic stage is short and rapidly progressive and is associated with a 2-year survival rate of 50% or less (2, 5). ... The procedure is known as