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*Basic Study*

Initial clinical experience using the EchoNavigator®-system during structural heart disease interventions

Jan Balzer, Tobias Zeus, Katharina Hellhammer, Verena Veulemans, Silke Eschenhagen, Eva Kehmeier, Christian Meyer, Tienush Rassaf, Malte Kelm

Abstract

### Match Overview

1	<b>CrossCheck</b> 57 words J. Balzer: "Real-time three-dimensional transoesophageal echocardiography for guidance of non-coronary interventions"	1%
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The possibility of combining data from different **imaging techniques** may ... one of the strongest trends seen in the treatment of **structural heart disease** (SHD) is the transition from open heart surgery to minimally invasive **percutaneous** procedures **with** the ... remain the standard for visualization in **catheterization laboratories**.

### Multimodality 3-Dimensional Image Integration for ...

[www.ncbi.nlm.nih.gov/.../PubMed Central \(PMC\)](http://www.ncbi.nlm.nih.gov/.../PubMed Central (PMC)) ▾ [翻译此页](#)作者: TE Fagan - 2014 - [相关文章](#)

Cardiac **catheterization** procedures for patients **with** congenital and **structural heart disease** ... Keywords: congenital heart disease, **structural heart disease**, rotational ... (FPA) is the mainstay for guiding congenital cardiovascular **interventions**. ... the Allura **imaging system** (Philips Healthcare, Best, The Netherlands) **using** a ...

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Echocardiography, 3D, **imaging**, catheter **interventions**, **structural heart** diseases ... in the interventional treatment of **structural**, congenital and valvular **heart disease**. ... In the past, in most **catheter laboratories** **percutaneous** **interventions** were mainly ... This article focuses on early **experiences with** this novel **technique** in the ...

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2012年8月24日 - With the introduction of **EchoNavigator** and other new solutions, ... "This year at ESC, we want to showcase new solutions and **systems** that will enable **clinicians** to ... integrated approach to treating patients with **structural heart disease** ... reduces the barriers of dose in coronary **artery disease interventions**.

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Keywords: congenital **heart disease**, **structural heart disease**, rotational angiography ... (FPA) is the mainstay for guiding congenital **cardiovascular interventions**. ... Rotational angiographic images are acquired with the Allura imaging system .... we have **early experience using** 3DRA or fixed-plane angiography in orthogonal ...



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