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Scan, Plan, Print, Practice, Perform: Development and Use of a Patient-Specific 3D Printed Model in Adult Cardiac Surgery

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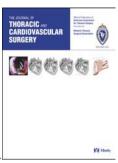
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1 Scan, Plan, Print, Practice, Perform: Development and Use of a Patient-Specific 3D 2 **Printed Model in Adult Cardiac Surgery** 3 Joshua L. Hermsen, MD, <sup>1</sup> Thomas M. Burke, PhD, <sup>2</sup> Stephen P. Seslar, MD, PhD, <sup>3,4</sup> David 4 S. Owens, MD, <sup>4</sup> Beth A. Ripley, MD, PhD, <sup>5</sup> Nahush A. Mokadam, MD, <sup>1</sup> Edward D. 5 Verrier, MD<sup>1</sup> 6 7 8 **Author Institutions and Affiliations** 9 <sup>1</sup>Division of Cardiothoracic Surgery, University of Washington, Seattle, WA 10 <sup>2</sup>Thomas Burke PhD Consultant, LLC <sup>3</sup>Pediatric Heart Center, Seattle Children's Hospital, Seattle, WA 11 12 <sup>4</sup>Division of Cardiology, University of Washington, Seattle, WA <sup>5</sup>Department of Radiology, University of Washington, Seattle, WA 13 14 15 **Disclosures:** 16 TB: owner of a for profit corporation that manufactures patient specific heart models and received reimbursement for materials used in producing heart models for this 17 18 study. 19 Other Authors: No relevant financial disclosures 20 **Presentation:** Western Thoracic Surgical Association 42<sup>nd</sup> Annual Meeting, Waikoloa, HI, 21 22 June 22-25, 2016

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