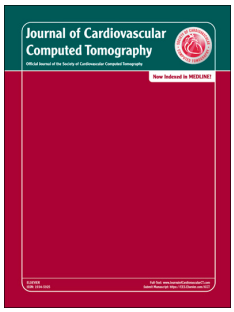
Accepted Manuscript



Accuracy of predicted orthogonal projection angles for valve deployment during transcatheter aortic valve replacement

Arie Steinvil, Gaby Weissman, Andrew W. Ertel, Guy Weigold, Toby Rogers, Edward Koifman, Kyle D. Buchanan, Christian Shults, Rebecca Torguson, Petros G. Okubagzi, Lowell F. Satler, Itsik Ben-Dor, Ron Waksman

PII: S1934-5925(18)30130-8

DOI: 10.1016/j.jcct.2018.05.017

Reference: JCCT 1110

To appear in: *Journal of Cardiovascular Computed Tomograph*

Received Date: 12 March 2018

Revised Date: 7 May 2018

Accepted Date: 24 May 2018

Please cite this article as: Steinvil A, Weissman G, Ertel AW, Weigold G, Rogers T, Koifman E, Buchanan KD, Shults C, Torguson R, Okubagzi PG, Satler LF, Ben-Dor I, Waksman R, Accuracy of predicted orthogonal projection angles for valve deployment during transcatheter aortic valve replacement, *Journal of Cardiovascular Computed Tomograph* (2018), doi: 10.1016/j.jcct.2018.05.017.

Accuracy of Predicted Orthogonal Projection Angles for Valve Deployment During Transcatheter Aortic Valve Replacement

Arie Steinvil[a,b], MD; Gaby Weissman[a], MD; Andrew W. Ertel[a], MD; Guy Weigold[a], MD; Toby Rogers[a], MD, PhD; Edward Koifman[a], MD; Kyle D. Buchanan[a], MD; Christian Shults[a], MD; Rebecca Torguson[a], MPH; Petros G. Okubagzi[a], MD; Lowell F. Satler[a], MD; Itsik Ben-Dor[a], MD; Ron Waksman[a], MD

[a]Division of Interventional Cardiology and the MedStar Cardiovascular Research Network, MedStar Washington Hospital Center, Washington, DC, 20010, USA.

[b]Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

Short title: MDCT-derived implantation angle for TAVR

Word Count: 3,004

Correspondence: Ron Waksman, MD. MedStar Washington Hospital Center, 110 Irving St., NW, RM 6D15E, Washington, DC 20010, USA. Phone: 202-877-2812; Fax: 202-877-2715; Email: ron.waksman@medstar.net