

ACURATE *neo*™ Aortic Valve System

Publication List



August 2018

2018

- **The ACURATE neo aortic valve system** Tawfiq Choudhury, Amir Solomonica & Rodrigo Bagur *The ACURATE neo transcatheter aortic valve system, Expert Review of Medical Devices*, DOI: 10.1080/17434440.2018.1526675
- **Transfemoral Implantation of the ACURATE neo for the Treatment of Aortic Regurgitation** Toggweiler S, Cerillo AG, Kim WK, Biaggi P, Lloyd C, Hilker M, Almagor Y, Cuculi F, Brinkert M, Kobza R, Muller O, Rück A, Corti R. *J Invasive Cardiol. Vol. 30, Epub 2018 July 15. pii: JIC2018715-3.*
- **Midterm Outcomes With the Self-expanding ACURATE neo Aortic Bioprosthesis. The “Bumblebee Paradox” in TAVR.** Barbanti M, Todaro D. *JACC Cardiovasc Interv. 2018 July, vol. 11, N° 14, July 2018.*
- **The SAVI-TF Registry: 1-Year Outcomes of the European Post-Market Registry Using the ACURATE neo Transcatheter Heart Valve Under Real-World Conditions in 1,000 Patients.** Kim WK, Hengstenberg C, Hilker M, Kerber S, Schäfer U, Rudolph T, Linke A, Franz N, Kuntze T, Nef H, Kappert U, Zembala MO, Toggweiler S, Walther T, Möllmann H. *JACC Cardiovasc Interv. 2018 Jul 23;11(14):1368-1374. doi: 10.1016/j.jcin.2018.03.023.*
- **The ACURATE neo Transcatheter Heart Valve: A Comprehensive Analysis of Predictors of Procedural Outcome.** Kim WK, Möllmann H, Liebetrau C, Renker M, Rolf A, Simon P, Van Linden A, Arsalan M, Doss M, Hamm CW, Walther T. *JACC Cardiovasc Interv. 2018 May 21. pii: S1936-8798(18)31024-0. doi: 10.1016/j.jcin.2018.04.039.*
- **Feasibility of transcatheter aortic valve implantation in patients with coronary heights <= 7mm: insights from the transcatheter aortic valve implantation Karlsruhe (TAVIK) registry.** Conzelmann L, Würth A, Schymik G, Schröfel H, Anusic T, Temme S, Tzamalís P, Gerhardus J, Mukherjee C, Gonska B-D, Schmitt C and Mehlhorn U. *European Journal of Cardio-Thoracic Surgery, 2018 Apr 2, 1–10 doi:10.1093/ejcts/ezy130*
- **Predictors of paravalvular regurgitation and permanent pacemaker implantation after TAVR with a next-generation self-expanding device.** Mauri V, Deuschl F, Frohn T, Schofer N, Linder M, Kuhn E, Schaefer A, Rudolph V, Madershahian N, Conradi L, Rudolph T, Schäfer U. *Clinical Research in Cardiology, https://doi.org/10.1007/s00392-018-1235-1, 17 April 2018*
- **Prospective multicentre evaluation of a novel, low-profile transapical delivery system for self-expandable transcatheter aortic valve implantation: 6-month outcomes.** Conradi L, Hilker M, Kempfert J, Börgermann J, Treede H, Holzhey D, Schröfel H, Kim WK, Schaefer U, Walther T. *European Journal of Cardio-Thoracic Surgery, ezy097, https://doi.org/10.1093/ejcts/ezy097, 2018 March 14*
- **First dutch experience of the ACURATE neo self-expanding supra-annular valve for valve-in-valve transcatheter aortic valve implantation.** Soon KH, Kooistra NHM, Voskuil M, Kraaijeveld AO, Stella PR. *Neth Heart J. 2018 Feb 9. doi: 10.1007/s12471-018-1087-3*
- **Real-world experience using the ACURATE neo™ prosthesis: 30-day outcomes of 1000 patients enrolled in the SAVI TF registry.** Möllmann H, Hengstenberg C, Hilker M, Kerber S, Schäfer U, Rudolph T, Linke A, Franz N, Kuntze T, Nef H, Kappert U, Walther T, Zembala MO, Toggweiler S, Kim WK. *EuroIntervention. 2018 Feb 2;13(15):e1764-e1770. doi: 10.4244/EIJ-D-17-00628.*
- **Trans-Subclavian Implantation of the ACURATE neo Transcatheter Aortic Prosthesis.** Poli A, Baldo A, Martina P, Ferrara E, Vittonati L, Di Credico G. *Vascular Disease Management® Volume 15, No.1 January 2018 E3*

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- **Short-Term Outcome and Hemodynamic Performance of Next-Generation Self-Expanding Versus Balloon-Expandable Transcatheter Aortic Valves in Patients with Small Aortic Annulus: A Multicenter Propensity-Matched Comparison.** Mauri V, Kim WK, Abumayyaleh M, Walther T, Möllmann H, Schäfer U, Conradi L, Hengstenberg C, Hilker M, Wahlers T, Baldus S, Rudolph V, Madershahian N, Rudolph TK. *Circ Cardiovasc Interv.* 2017 Oct; doi: 10.1161/CIRCINTERVENTIONS.117.005013
- **Outcome of Next-Generation Transcatheter Valves in Small Aortic Annuli: A Multicenter Propensity-Matched Comparison.** Mauri V, Kim W-K, Abumayyaleh M, Walther T, Möllmann H, Schäfer U, Conradi L, Hengstenberg C, Hilker M, Wahlers T, Baldus S, Rudolph V, Madershahian N, Rudolph T. *Circ Cardiovasc Interv.* 2017 Oct ;10:e005013
- **Multicenter Comparison of Novel Self-Expanding Versus Balloon-Expandable Transcatheter Heart Valves.** Husser O, Kim WK, Pellegrini C, Holzamer A, Walther T, Mayr PN, Joner M, Kasel AM, Trenkwalder T, Michel J, Rheude T, Kastrati, A, Schunkert H, Burgdorf C, Hilker M, Möllmann H, Hengstenberg C. *JACC Cardiovasc Interv.* 2017 Oct, vol. 20, N°20, 2017
- **Very low pacemaker rate following ACURATE neo transcatheter heart valve implantation.** Toggweiler S, Nissen H, Mogensen B, Cuculi F, Fallesen C, Veien KT, Brinkert M, Kobza R, Rück A. *EuroIntervention.* 2017 Sep 5. pii: EIJ-D-17-00252. doi: 10.4244/EIJ-D-17-00252.
- **Transfemoral TAVI using the self-expandable ACURATE neo prosthesis: one-year outcomes of the multicenter "CE-approval-cohort".** Möllmann H1, Walther T, Siqueira D, Diemert P, Treede H, Grube E, Nickenig G, Baldus S, Rudolph T, Kuratani T, Sawa Y, Kempfert J, Kim WK, Abizaid A. *EuroIntervention.* 2017 Aug 15. pii: EIJ-D-17-00187. doi: 10.4244/EIJ-D-17-00187.
- **Direct Percutaneous Transaxillary Implantation of a Novel Self-Expandable Transcatheter Heart Valve for Aortic Stenosis.** Deuschl F, Schofer N, et al. *Catheterization and Cardiovascular Interventions* 00:00-00 (2017).
- **Transcatheter aortic valve implantation using the ACURATE TA and ACURATE neo valves: a 4-year single-center experience** Hamm, K., Reents, W., Zacher, M., Kerber, S., Diegeler, A., Schieffer, B., Barth, S. *Eurointervention* 2017; Jaa-087 2017, doi: 10.4244/EIJ-D-16-00898.

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- **Prospective Comparison Between Three TAVR Devices: ACURATE neo vs. CoreValve vs. SAPIEN XT. A Single Heart Team Experience in Patients with Severe Aortic Stenosis** Jatene, T., Castro-Filho, A., Meneguz-Moreno, R. A., Siqueira, D. A., Abizaid, A. A.C., Ramos, A. I.O., Arrais, M., LeBihan, D. C.S., Barretto, R. B.M., Moreira, A. C., Sousa, A. G.M.R. and Eduardo Sousa, J. *Cathet. Cardiovasc. Intervent.* 2016 Dec. doi:10.1002/ccd.26837.
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- **First North American Experience with the Transfemoral ACURATE neo Self-Expanding Transcatheter Aortic Bioprosthesis** Bagur, R., Teefy, P. J., Kiaii, B., Diamantouros, P. and Chu, M. W.A. *Cathet. Cardiovasc. Intervent.* 2016 Sep. doi:10.1002/ccd.26802.
- **First-in-man transfemoral transcatheter aortic valve implantation with the ACURATE neo for the treatment of aortic regurgitation.** Toggweiler S, Biaggi P, Grünenfelder J, Reho I, Bühler I, Corti R. *EuroIntervention.* 2016 May 17;12(1):78. doi: 10.4244/EIJV12I1A14. No abstract available.

- **Improving outcomes: case-matched comparison of novel second-generation versus first-generation self-expandable transcatheter heart valves.** Schaefer A, Treede H, Schoen G, Deuschl F, Schofer N, Schneeberger Y, Blankenberg S, Reichenspurner H, Schaefer U, Conradi L. *Eur J Cardiothorac Surg.* 2016 Aug;50(2):368-73. doi: 10.1093/ejcts/ezw021. Epub 2016 Feb 16.
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- **Salvaging lowermost deployment of an ACURATE device during transcatheter aortic valve replacement with balloon and lasso pull techniques.** Corcione N, Biondi-Zoccai G, Giordano A. *Catheter Cardiovasc Interv.* 2015 Oct 1. doi: 10.1002/ccd.26252. [Epub ahead of print].
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- **Symetis Valve Implantation in Failing Freestyle With Close Proximity Between Coronary Ostia and Annulus.** Nagendran J, Catrip J, Diamantouros P, Teefy P, Kiai B, Chan I, Goela A, Holzhey D, Chu M. *Ann Thorac Surg* 2015; 99:e87–8.
- **Single Institution Experience With Transcatheter Valve-in-Valve Implantation Emphasizing Strategies for Coronary Protection.** Camboni D et al. *Ann Thorac Surg* 2015;99:1532–8.
- **A new self-expanding transcatheter aortic valve for transfemoral implantation – First in Asia implantation of the ACURATE v/TF system: early results.** Maeda K, Kuratani T, Torikai K, Mizote I, Ichibori Y, Onishi T, Nakatani S, Sakata Y, Toda K, Sawa Y. *Accepted by Circulation on Jan 4th 2015.*

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