

Prof. Yigal Abramowitz

Contact Information

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Personal Details

Date of birth: November 26, 1974

Place of birth: Jerusalem

Citizenship: Israeli

Marital status: Married with 2 children

MEDICAL LICENSURE

03/25/2012	Specialist in Cardiology (Israel)
08/05/2008	Specialist in Internal Medicine (Israel)
07/22/2003	License to practice medicine in Israel
04/14/2016	Educational Commission for Foreign Medical Graduates (ECFMG) Certification in the USA

EDUCATION

06/01/2003	Received M.D. degree – The Hebrew University Hadassah Medical School, Jerusalem, Israel
10/18/1998-07/31/2001	M.D. Studies – The Hebrew University Hadassah Medical School, Jerusalem, Israel
10/25/1992-07/31/1995	B.Med.Sc. Studies – The Hebrew University Hadassah Medical School, Jerusalem, Israel

ACADEMIC APPOINTMENTS

04/01/2018	Associate Professor of Cardiology – Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel
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PROFESSIONAL TRAINING

01/11/2012-01/25/2012	Good Clinical Practice Course (GCP) GCP Clinical Studies Ltd., Rosh-Ha'Ayin, Israel
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PROFESSIONAL EXPERIENCE

Clinical Experience

10/01/2017-present	Acting Director of the Stepdown Cardiac Intensive Care Unit Soroka University Medical Center, Beer Sheva, Israel
07/1/2016-07/31/2017	Fellow in Interventional Cardiology - Accreditation Council of Graduate Medical Education (ACGME) accredited training program Interventional Cardiology, Heart Institute, Cedars-Sinai Medical Center, Los-Angeles, California, USA
01/01/2014-06/30/2016	Visiting Fellow Interventional Cardiology, Heart Institute, Cedars-Sinai Medical Center, Los-Angeles, California, USA
01/01/2013-12/01/2013	Attending Physician Department of Cardiology, Tel-Aviv Medical Center, Tel-Aviv, Israel
03/26/2012-12/31/2012	Fellow in Interventional Cardiology Interventional Cardiology Unit, Department of Cardiology, Tel-Aviv Medical Center, Tel- Aviv, Israel
12/01/2008-03/25/2012	Fellow in Cardiology Department of Cardiology, Tel-Aviv Medical Center, Tel- Aviv, Israel
07/01/2004-06/30/2008	Resident in Internal Medicine Department of Internal Medicine, Hadassah Medical Center, Jerusalem, Israel
04/01/2002-03/31/2003	Medical Intern Kaplan Medical center, Rehovot, Israel

Teaching Experience

2008 – 2012	Instructed final year medical students during their rotations in Cardiology department
2004-2008	Instructed 4 th year medical students during their rotations in Internal Medicine department

1996 Medic instructor at the Israel Defense Forces School of Military
Medicine

AWARDS

2001 Rector's Award for Excellence – The Hebrew University, Jerusalem,
Israel

2000 Stipend for a Student Exchange Program, Mount Sinai Hospital, New
York, NY

1996 Excellent trainee-Military Combat Medics Course, Israel Defense Forces
School of Military Medicine, Israel

PUBLICATIONS

1. Nomura T, Maeno Y, Yoon SH, **Abramowitz Y**, Israr S, Miyasaka M, Kazuno Y, Takahashi N, Kawamori H, Nakamura M, Jilaihawi H, Makkar RR. Early clinical outcomes of transcatheter aortic valve replacement in left ventricular outflow tract calcification: new-generation device vs early-generation device. J Invasive Cardiol. 2018;30(11):421-427.
2. Tang GHL, Zaid S, George I, Khaliq OK, **Abramowitz Y**, Maeno Y, Makkar RR, Jilaihawi H, Kamioka N, Thourani VH, Babaliaros V, Webb JG, Htun NM, Attinger-Toller A, Ahmad H, Kaple R, Sharma K, Kozina JA, Kaneko T, Shah P, Hirji SA, Desai ND, Anwaruddin S, Jagasia D, Herrmann HC, Basra SS, Szerlip MA, Mack MJ, Mathur M, Tan CW, Don CW, Sharma R, Gafoor S, Zhang M, Kapadia SR, Mick SL, Krishnaswamy A, Amoroso N, Salemi A, Wong SC, Kini AS, Rodés-Cabau J, Leon MB, Kodali SK. Impact of aortic root anatomy and geometry on paravalvular leak in transcatheter aortic valve replacement with extremely large annuli using the Edwards SAPIEN 3 valve. JACC Cardiovasc Interv. 2018;11(14):1377-1387.
3. Chakravarty T, Cox J, **Abramowitz Y**, Israr S, Uberoi A, Yoon S, Dey D, Zadeh P, Cheng W, Makkar RR. High-pressure post-dilation following transcatheter valve-in-valve implantation in small surgical valves. EuroIntervention. 2018 ;14(2):158-165.

4. Chakravarty T, Cox J, **Abramowitz Y**, Lange D, Miyasaka M, Dohad S, Cheng W, Makkar RR. Percutaneous management of aortic root rupture during transcatheter aortic valve replacement with coil embolization. *Circ Cardiovasc Interv.* 2018;11(2):e005590.
5. Kawamori H, Yoon SH, Chakravarty T, Maeno Y, Kashif M, Israr S, **Abramowitz Y**, Mangat G, Miyasaka M, Rami T, Kazuno Y, Takahashi N, Jilaihawi H, Nakamura M, Cheng W, Friedman J, Berman D, Sharma R, Makkar RR. Computed tomography characteristics of the aortic valve and the geometry of SAPIEN 3 transcatheter heart valve in patients with bicuspid aortic valve disease. *Eur Heart J Cardiovasc Imaging.* 2018 Jan 5. [Epub ahead of print].
6. **Abramowitz Y**, Vemulapalli S, Chakravarty T, Li Z, Kapadia S, Holmes D, Matsouaka RA, Wang A, Cheng W, Forrester JS, Smalling R, Thourani V, Mack M, Leon L, Makkar RR. The clinical impact of diabetes mellitus on outcomes following transcatheter aortic valve replacement. insights from the STS/ACC TVT Registry. *Circ Cardiovasc Interv.* 2017;10(11). pii: e005417.
7. **Abramowitz Y**, Chakravarty T, Pibarot P, Maeno Y, Kawamori H, Anderson D, Mangat G, Nakamura M, Cheng W, Makkar RR. Characteristics and outcome following transcatheter aortic valve replacement in patients with severe aortic stenosis with low flow. *EuroIntervention.* 2017;13(12):e1428-e1435.
8. Maeno Y, **Abramowitz Y**, Yoon SH, Israr S, Jilaihawi H, Watanabe Y, Sharma R, Kawamori H, Miyasaka M, Kazuno Y, Takahashi N, Hariri B, Mangat G, Kashif M, Chakravarty T, Nakamura M, Cheng W, Makkar RR. Relation between left ventricular outflow tract calcium and mortality following transcatheter aortic valve implantation. *Am J Cardiol.* 2017;120(11):2017-2024.
9. Maeno Y, Yoon SH, **Abramowitz Y**, Watanabe Y, Jilaihawi H, Lin M, Chan J, Sharma R, Kawashima H, Israr S, Kawamori H, Miyasaka M, Rami T, Kazuno Y, Mangat G, Kashif M, Chakravarty T, Kao HL, Lee MK, Nakamura M, Kozuma K, Cheng W, Makkar RR. Effect of ascending aortic dimension on acute procedural success following self-expanding transcatheter aortic valve replacement. A multicenter retrospective analysis. *Int J Cardiol.* 2017;244:100-105.
10. Maeno Y, **Abramowitz Y**, Kawamori H, Kazuno Y, Kubo S, Takahashi N, Mangat G, Okuyama K, Kashif M, Chakravarty T, Nakamura M, Cheng W, Friedman J, Berman D, Makkar RR, Jilaihawi

- H. A highly predictive risk model for pacemaker implantation after TAVR. *JACC Cardiovasc Imaging*. 2017;18(6):639-647.
11. **Abramowitz Y**, Jilaihawi H, Pibarot P, Chakravarty T, Kashif M, Kazuno Y, Maeno Y, Kawamori H, Mangat G, Friedman J, Cheng W, Makkar RR. Severe aortic stenosis with low aortic valve calcification: characteristics and outcome following transcatheter aortic valve implantation. *Eur Heart J Cardiovasc Imaging*. 2017;18(6):639-647.
 12. Maeno Y, **Abramowitz Y**, Yoon SH, Jilaihawi H, Raul S, Israr S, Miyasaka M, Kawamori H, Kazuno Y, Rami T, Takahashi N, Mangat G, Kashif M, Chakravarty T, Nakamura M, Cheng W, Makkar RR. Transcatheter aortic valve replacement with different valve types in elliptic aortic annuli. *Circ J*. 2017;81(7):1036-1042.
 13. Chakravarty T, Søndergaard L, Friedman J, De Backer O, Berman D, Kofoed KF, Jilaihawi H, Shiota T, **Abramowitz Y**, Jørgensen TH, Rami T, Israr S, Fontana G, de Knecht M, Fuchs A, Lyden P, Trento A, Bhatt DL, Leon MB, Makkar RR; RESOLVE and SAVORY Investigators. Subclinical leaflet thrombosis in surgical and transcatheter bioprosthetic aortic valves: an observational study. *Lancet*. 2017;389(10087):2383-2392.
 14. Yoon SH, Bleiziffer S, De Backer O, Delgado V, Arai T, Ziegelmueller J, Barbanti M, Sharma R, Perlman GY, Khalique OK, Holy EW, Saraf S, Deuschl F, Fujita B, Ruile P, Neumann FJ, Pache G, Takahashi M, Kaneko H, Schmidt T, Ohno Y, Schofer N, Kong WK, Tay E, Sugiyama D, Kawamori H, Maeno Y, **Abramowitz Y**, Chakravarty T, Nakamura M, Kuwata S, Yong G, Kao HL, Lee M, Kim HS, Modine T, Wong SC, Bedgoni F, Testa L, Teiger E, Butter C, Ensminger SM, Schaefer U, Dvir D, Blanke P, Leipsic J, Nietlispach F, Abdel-Wahab M, Chevalier B, Tamburino C, Hildick-Smith D, Whisenant BK, Park SJ, Colombo A, Latib A, Kodali SK, Bax JJ, Søndergaard L, Webb JG, Lefèvre T, Leon MB, Makkar R. Procedural and clinical outcomes in transcatheter aortic valve replacement for bicuspid versus tricuspid aortic valve stenosis. *J Am Coll Cardiol*. 2017;69(21):2579-2589.
 15. Maeno Y, **Abramowitz Y**, Jilaihawi H, Israr S, Yoon S, Sharma RP, Kazuno Y, Kawamori H, Miyasaka M, Rami T, Mangat G, Takahashi N, Okuyama K, Kashif M, Chakravarty T, Nakamura M, Cheng W, Makkar RR. Optimal sizing for SAPIEN 3 transcatheter aortic valve replacement

in patients with or without left ventricular outflow tract calcification. *EuroIntervention* 2017;12(18):e2177-e2185.

16. **Abramowitz Y**, Kazuno Y, Chakravarty T, Kawamori H, Maeno Y, Anderson D, Allison Z, Mangat G, Cheng W, Gopal A, Jilaihawi H, Mack MJ, Makkar RR. Concomitant mitral annular calcification and severe aortic stenosis: prevalence, characteristics and outcome following transcatheter aortic valve replacement. *Eur Heart J*. 2017;38(16):1194-1203.
17. Maeno Y, **Abramowitz Y**, Kazuno Y, Kawamori H, Mangat G, Takahashi N, Chakravarty T, Nakamura M, Cheng W, Makkar RR, Jilaihawi H. Transcatheter aortic valve implantation with different valve designs for severe device landing zone calcification. *Int Heart J*. 2017;58(1):56-62.
18. Dhoble A, Chakravarty T, Nakamura M, **Abramowitz Y**, Tank R, Mihara H, Mangat G, Jilaihawi H, Shiota T, Makkar R. Outcome of paravalvular leak repair after transcatheter aortic valve replacement with a balloon-expandable prosthesis. *Catheter Cardiovasc Interv*. 2017;89(3):462-468.
19. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Maeno Y, Kawamori H, Kazuno Y, Mangat G, Rami T, Allison Z, Anderson D, Chan L, Cheng W, Makkar RR. Sapien 3 transcatheter aortic valve implantation with moderate or without predilatation. *J Invasive Cardiol*. 2016;28(10):421-426.
20. Chakravarty T, **Abramowitz Y**, Jilaihawi H, Makkar RR. Leaflet motion abnormality after TAVI: genuine threat or much ado about nothing? *EuroIntervention* 2016;12(Y):Y28-Y32.
21. **Abramowitz Y**, Maeno Y, Chakravarty T, Kazuno Y, Takahashi N, Kawamori H, Mangat G, Cheng W, Jilaihawi H, Makkar RR. Aortic angulation attenuates procedural success following self-expandable but not balloon-expandable TAVR. *JACC Cardiovasc Imaging*. 2016;9(8):964-72.
22. Jilaihawi H, Chen M, Webb J, Himbert D, Ruiz CE, Rodes-Cabau J, Pache G, Colombo A, Nickenig G, Lee M, Tamburino C, Sievert H, **Abramowitz Y**, Tarantini G, Alqoofi F, Chakravarty T, Kashif M, Takahashi N, Kazuno Y, Maeno Y, Kawamori H, Chieffo A, Blanke P, Dvir D, Ribeiro HB, Feng Y, Zhao ZG, Sinning JM, Kliger C, Giustino G, Pajerski B, Imme S, Grube E, Leipsic J,

- Vahanian A, Michev I, Jelnin V, Latib A, Cheng W, Makkar R. A bicuspid aortic valve imaging classification for the transcatheter aortic valve implantation era. *JACC Cardiovasc Imaging*. 2016;9(10):1145-1158.
23. Okuyama K, Jilaihawi H, **Abramowitz Y**, Kashif M, Patel J, Pokhrel H, Chakravarty T, Nakamura M, Cheng W, Makkar R. The clinical impact of vascular complication defined by VARC-1 vs. VARC-2 in patients following transcatheter aortic valve implantation. *EuroIntervention* 2016;12(5):e636-42.
 24. Havakuk O, Konigstein H, Ben Assa E, Arbel Y, **Abramowitz Y**, Halkin A, Bazan S, Shmilovich H, Keren G, Finkelstein A, Banai S. Steroid therapy and conduction disturbances after transcatheter aortic valve implantation. *Cardiovasc Ther*. 2016;34(5):325-9.
 25. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Mangat G, Maeno Y, Kazuno Y, Takahashi N, Kawamori H, Cheng W, Makkar RR. Impact of diabetes mellitus on outcomes after transcatheter aortic valve implantation. *Am J Cardiol*. 2016;117(10):1636-42.
 26. Kazuno Y, Maeno Y, Kawamori H, Takahashi N, **Abramowitz Y**, Kashif M, Hariri B, Chakravarty T, Nakamura M, Chen W, Friedman J, Berman D, Makkar RR, Jilaihawi H. Comparison of SAPIEN 3 and SAPIEN XT transcatheter heart valve stent-frame expansion: Evaluation using multi-slice computed tomography. *Eur Heart J Cardiovasc Imaging*. 2016;17(9):1054-62.
 27. **Abramowitz Y**, Roth A, Keren G, Isakov O, Shomron N, Laitman Y, Weissglas-Volkov D, Arbel Y, Banai S, Finkelstein A, Friedman E. Whole-exome sequencing in individuals with multiple cardiovascular risk factors and normal coronary arteries. *Coron Artery Dis*. 2016;27(4):257-66.
 28. Chakravarty T, Sharma R, **Abramowitz Y**, Kapadia S, Latib A, Jilaihawi H, Poddar KL, Giustino G, Ribeiro HB, Tchetché D, Monteil B, Testa L, Tarantini G, Facchin M, Lefèvre T, Lindman BR, Hariri B, Patel J, Takahashi N, Matar G, Mirocha J, Cheng W, Tuzcu ME, Sievert H, Rodés-Cabau J, Colombo A, Finkelstein A, Fajadet J, Makkar RR. Outcomes in patients with transcatheter aortic valve replacement and left main stent: the TAVR-LM Registry. *J Am Coll Cardiol*. 2016;67(8):951-960.

29. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Kashif M, Matar G, Hariri B, Patel J, Sharma R, Cheng W, Makkar RR. Feasibility and safety of balloon-expandable transcatheter aortic valve implantation with moderate or without predilatation. *EuroIntervention* 2016;11(10):1132-1139.
30. **Abramowitz Y**, Chakravarty T, Jilaihawi H, Cox J, Sharma RP, Mangat G, Nakamura M, Cheng W, Makkar RR. Impact of body mass index on the outcomes following transcatheter aortic valve implantation. *Catheter Cardiovasc Interv.* 2016;88(1):127-34.
31. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Kashif M, Matar G, Hariri B, Patel J, Nakamura M, Cheng W, Makkar RR. Balloon-expandable transcatheter aortic valve replacement in patients with extreme aortic valve calcification. *Catheter Cardiovasc Interv.* 2016;87(6):1173-9.
32. **Abramowitz Y**, Chakravarty T, Jilaihawi H, Lee C, Cox J, Sharma RP, Mangat G, Cheng W, Makkar RR. Impact of Preprocedural B-Type Natriuretic Peptide Levels on the Outcomes Following Transcatheter Aortic Valve Implantation. *Am J Cardiol.* 2015;116(12):1904-9.
33. **Abramowitz Y**, Chakravarty T, Jilaihawi H, Makkar RR. Update on new devices for transcatheter aortic valve replacement. *Structural Heart Disease* 2015;1(3):112-126.
34. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Mack M, Makkar RR. The present and future: review topic of the week. Mitral annulus calcification. *J Am Coll Cardiol.* 2015;66(17):1934-41.
35. **Abramowitz Y**, Chakravarty T, Jilaihawi H, Kashif M, Kazuno Y, Takahashi N, Maeno Y, Nakamura M, Cheng W, Makkar RR. Clinical Impact of Coronary Protection During Transcatheter Aortic Valve Implantation: First Reported Series of Patients. *EuroIntervention* 2015;11(5):572-81.
36. Barbash IM, Barbanti M, Webb J, Molina-Martin De Nicolas J, **Abramowitz Y**, Latib A, Nguyen C, Deuschl F, Segev A, Sideris K, Buccheri S, Simonato M, Rosa FD, Tamburino C, Jilaihawi H, Miyazaki T, Himbert D, Schofer N, Guetta V, Bleiziffer S, Tchetché D, Immè S, Makkar RR, Vahanian A, Treede H, Lange R, Colombo A, Dvir D. Comparison of vascular closure devices for access site closure after transfemoral aortic valve implantation. *Eur Heart J.* 2015; 36(47):3370-9.

37. **Abramowitz Y**, Chakravarty T, Jilaihawi H, Kashif M, Zadikany R, Lee C, Mattar G, Cheng W, Makkar RR. Comparison of Outcomes of Transcatheter Aortic Valve Implantation in Patients ≥ 90 Years versus < 90 Years. *Am J Cardiol*. 2015;115(7):942-9.
38. Leshem-Rubinow E, **Abramowitz Y**, Steinvil A, Ben-Assa E, Chorin E, Shacham Y, Yankelson L, Konigstein M, Keren G, Banai S, Finkelstein S. Outcomes of Trans-Femoral Transcatheter Aortic Valve Implantation in Patients with Prior Coronary Bypass. *Am J Cardiol*. 2015;116(3):431-5.
39. Chakravarty T, Van Belle E, Jilaihawi H, Noheria A, Testa L, Bedogni F, Rück A, Barbanti M, Toggweiler S, Thomas M, Khawaja MZ, Hutter A, **Abramowitz Y**, Siegel RJ, Cheng W, Webb J, Leon MB, Makkar RR. Meta-analysis of the impact of mitral regurgitation on outcomes after transcatheter aortic valve implantation. *Am J Cardiol*. 2015;115(7):942-9.
40. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Mack M, Makkar RR. Porcelain aorta - a comprehensive review. *Circulation*. 2015;131(9):827-36.
41. Konigstein M, Havakuk O, Arbel Y, Finkelstein A, Ben-Assa E, Leshem Rubinow E, **Abramowitz Y**, Keren G, Banai S. The obesity paradox in patients undergoing transcatheter aortic valve implantation. *Clin Cardiol*. 2015;38(2):76-81.
42. Konigstein M, Ben-Assa E, Banai S, Shacham Y, Ziv-Baran T, **Abramowitz Y**, Steinvil A, Leshem Rubinow E, Havakuk O, Halkin A, Keren G, Finkelstein A, Arbel Y. Periprocedural Bleeding, Acute Kidney Injury, and Long-term Mortality After Transcatheter Aortic Valve Implantation. *Can J Cardiol*. 2015;31(1):56–62.
43. Steinvil A, Leshem-Rubinow E, Halkin A, **Abramowitz Y**, Ben-Assa E, Shacham Y, Bar-Dayana A, Keren G, Banai S, Finkelstein A. Vascular complications after transcatheter aortic valve implantation and their association with mortality reevaluated by the valve academic research consortium definitions. *Am J Cardiol*. 2015;115(1):100–106.
44. Arbel Y, Ben-Assa E, Halkin A, Keren G, Schwartz AL, Havakuk O, Leshem-Rubinow E, Konigstein M, Steinvil A, **Abramowitz Y**, Finkelstein A, Banai S. Forced diuresis with matched

hydration in reducing acute kidney injury during transcatheter aortic valve implantation (Reduce-AKI): study protocol for a randomized sham-controlled trial. *Trials*. 2014;15:262.

45. Steinvil A, Leshem-Rubinow E, **Abramowitz Y**, Shacham Y, Arbel Y, Banai S, Bornstein NM, Finkelstein A, Halkin A. Prevalence and predictors of carotid artery stenosis in patients with severe aortic stenosis undergoing transcatheter aortic valve implantation. *Catheter Cardiovasc Interv*. 2014;84(6):1007–1012.
46. Konigstein M, Biner S, Topilsky Y, **Abramowitz Y**, Havakuk O, Ben-Assa E, Leshem Rubinow E, Arbel Y, Keren G, Banai S, Finkelstein A. Predictors of improvement in diastolic function after transcatheter aortic valve implantation. *J Echocardiogr*. 2014;12(1):17–23.
47. **Abramowitz Y**, Banai S, Katz G, Steinvil A, Arbel Y, Havakuk O, Halkin A, Ben-Gal Y, Keren G, Finkelstein A. Comparison of early and late outcomes of TAVI alone compared to TAVI plus PCI in aortic stenosis patients with and without coronary artery disease. *Catheter Cardiovasc Interv* 2014;83(4):649–54.
48. Leshem-Rubinow E, Amit S, Steinvil A, Ben-Assa E, **Abramowitz Y**, Keren G, Ben-Ami R, Banai S, Finkelstein A. Frequency, pattern, and cause of Fever following transfemoral transcatheter aortic valve implantation. *Am J Cardiol*. 2014;113(6):1001–5.
49. Finkelstein A, Birati EY, **Abramowitz Y**, Steinvil A, Sheinberg N, Biner S, Bazan S, Ben Gal Y, Halkin A, Arbel Y, Ben-Assa E, Leshem-Rubinow E, Keren G, Banai S. Transcatheter aortic valve implantation: a single-center experience of 300 cases. *Isr Med Assoc J*. 2013(10):613–6.
50. Havakuk O, Finkelstein A, Steinvil A, Halkin A, Arbel Y, **Abramowitz Y**, Ben Assa E, Konigstein M, Keren G, Banai S. Comparison of Outcomes in Patients ≤ 85 Versus > 85 Years of Age Undergoing Transcatheter Aortic-Valve Implantation. *Am J Cardiol*. 2014;113(1):138–41.
51. Biner S, Birati EY, Topilsky Y, Steinvil A, Ben Assa E, Sadeh B, Arbel Y, Halkin A, **Abramowitz Y**, Leshem-Rubinow E, Banai S, Keren G, Finkelstein A. Outcome of transcatheter aortic valve implantation in patients with low-gradient severe aortic stenosis and preserved left ventricular ejection fraction. *Am J Cardiol*. 2014;113(2):348–54.

52. Konigstein M, Ben-Assa E, **Abramowitz Y**, Steinvil A, Leshem Rubinow E, Havakuk O, Arbel Y, Halkin A, Keren G, Banai S, Finkelstein A. Usefulness of updated valve academic research consortium-2 criteria for acute kidney injury following transcatheter aortic valve implantation. *Am J Cardiol*. 2013;112(11):1807–11.
53. Finkelstein A, Havakuk O, Steinvil A, Arbel Y, Halkin A, Bazan S, **Abramowitz Y**, Keren G, Banai S. Gender differences and clinical outcome in patients undergoing trans-femoral aortic valve implantation. *Int J Cardiol*. 2013;168(5):4854-5.
54. Shiloh S, Steinvil A, Drori E, Peleg S, **Abramowitz Y**, Banai S, Finkelstein A. Effect of guidance during cardiac catheterization on emotional, cognitive and behavioral outcomes. *J cardiovasc med*. 2014;15(4):336-42.
55. Arbel Y, Birati E, Finkelstein A, Halkin A, Kletzel H, **Abramowitz Y**, Berliner S, Deutsch V, Herz I, Keren G, Banai S. Platelet inhibitory effect of clopidogrel in patients treated with omeprazole, pantoprazole, and famotidine: A prospective, randomized, crossover study. *Clin Cardiol*. 2013;36(6):342-6.
56. Steinvil A, Aviram G, Konigstein M, **Abramowitz Y**, Halkin A, Arbel Y, Ben-Gal Y, Keren G, Banai S, Finkelstein A. Radiation dose of patients undergoing transcatheter aortic valve implantation: A comparison between Edwards SAPIEN XT and Medtronic corevalve aortic valve prostheses. *Catheter Cardiovasc Interv*. 2013;82(4):E578–582.
57. Leshem-Rubinow E, **Abramowitz Y**, Malov N, Hadad M, Tamari M, Golovner M, Roth A. Prehospital cardiac markers in defining ambiguous chest pain. *Arch Intern Med*. 2011;121(22):2056-7.
58. **Abramowitz Y**, Aviram G, Finkelstein A, Banai S. Anomalous origin of the left anterior descending and circumflex coronary arteries from two separate ostia in the right aortic sinus of Valsalva. *EuroIntervention*. 2011;6(9):1140-1.

59. **Abramowitz Y**, Aviram G, Roth A. Scapular fracture following cardiopulmonary resuscitation. Resuscitation. 2010;81(4):498-9.
60. **Abramowitz Y**, Simanovsky N, Goldstein MS, Hiller N. Pleural effusion: characterization with CT attenuation values and CT appearance. Am J Roentgenol 2009;192(3):618-23.
61. **Abramowitz Y**, Perlman G, Levy E, Beerli R, Chacjek-Shaul T, Leibowitz D. Ockham's razor or Hickam's dictum: a right atrial mass following excision of left atrial myxoma. Eur J Echocardiogr. 2008;9(3):415-6.
62. Molho-Pessach V, Bargal R, **Abramowitz Y**, Doviner V, Ingber A, Rass-Rothschild A, Ne'eman Z, Zeigler M, Zlotogorski A. Angiokeratoma corporis diffusum in human beta-mannosidosis: Report of a new case and a novel mutation. J Am Acad Dermatol 2007;57(3):407-12.
63. **Abramowitz Y**, Hiller N, Perlman G, Admon D, Beerli R, Chacjek-Shaul T, Leibowitz D. The diagnosis of primary cardiac lymphoma by right heart catheterization and biopsy using fluoroscopic and transthoracic echocardiographic guidance. Int J Cardiol. 2007;(118):e39-40.
64. Korem M, Hiller N, Ackerman Z, Chacjek-Shaul T, **Abramowitz Y**: Spleen rupture secondary to anticonvulsant hypersensitivity syndrome. Eur J Intern Med. 2006;17(7):517-9.
65. **Abramowitz Y**, Hasin T, Hiller N, Chacjek-Shaul T, Hershcovici T: Thromboembolic renal infarction due to a renal artery aneurysm in a patient with Ehlers-Danlos syndrome type IV. Eur J Intern Med. 2006;17(5):377-9.
66. Ergas D, **Abramowitz Y**, Lahav Y, Halperin D, Stoecker ZM: Exertion dyspnea and stridor: an unusual presentation of localized laryngeal amyloidosis. Isr Med Assoc J. 2006;8(1):73-4.
67. **Abramowitz Y**, Wollstein R, Barzilay Y, London E, Matan Y, Shabat S, Nyska M: The outcome of symptomatic os trigonum resection. J Bone Joint Surg Am. 2003;85-A(6):1051-7.

ORAL PRESENTATIONS AT SCIENTIFIC MEETINGS

1. Chakravarty T, **Abramowitz Y**, Cheng W, Kapadia S, Smalling R, Szeto WY, Hahn RT, Finn M, Herrmann H, Kereiakes D, Yoon S, Kodali S, Thourani V, Alu M, McAndrew T, Mack MJ, Leon M, Makkar RR
Impact of anticoagulation therapy on valve hemodynamics and clinical outcomes after bioprosthetic aortic valve replacement: A pooled analysis of the PARTNER2 trials
Presented at the **Transcatheter Cardiovascular Therapeutics (TCT) 2017**,
October, 2017, Denver CO, USA
2. Makkar RR, Chakravarty T, Friedman J, DeBacker O, Jilaihawi H, Kofoed K, **Abramowitz Y**, Jorgensen TH, Hariri H, Rami T, Israr S, Mangat G, Knecht M, Fuchs A, Sawaya F, Siegel R, Ramzy D, Cheng W, Trento A, Berman D, Sondergaard L
Subclinical leaflet thrombosis in transcatheter and surgical bioprosthetic aortic valves: results from RESOLVE and SAVORY registries
Presented at the **65th Annual Scientific Session of the American College of Cardiology**,
March 2017, Washington DC, USA
3. Yoon S, Delgado V, De Backer O, Perlman G, Dvir D, Latib A, Barbanti M, Holy E, Ohno Y, Blanke P, Sharma R, **Abramowitz Y**, Chakravarty T, Nietlispach F, Hildick-Smith D, Abdel-Wahab M, Lefevre T, Park S, Bax J, Kodali S, Leon M, Bleiziffer S, Webb J, Sondergaard S, Makkar R
Procedural and clinical outcomes in transcatheter aortic valve replacement for bicuspid versus tricuspid aortic valve stenosis
Presented at the **65th Annual Scientific Session of the American College of Cardiology**,
March 2017, Washington DC, USA
4. Maeno Y, **Abramowitz Y**, Kawamori H, Kazuno Y, Mangat G, Kashif M, Chakravarty T, Nakamura M, Cheng W, Makkar R, Jilaihawi H
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Presented at the **Transcatheter Cardiovascular Therapeutics (TCT) 2016**
October, 2016, Washington DC, USA
5. Maeno Y, Takahashi N, **Abramowitz Y**, Kazuno Y, Kawamori H, Kashif M, Okuyama K, Chakravarty T, Cheng W, Nakamura M, Makkar R, Jilaihawi H.
Device landing zone calcification: impact of device design on need for postdilatation

after transcatheter aortic valve replacement

Presented at **AsiaPCR 2016**,

January 2016, Singapore

6. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Kashif M, , Maeno Y, Kazuno Y, Takahashi N, Kawamori H, Cox J, Sharma RP, Cheng W, Makkar RR.

The clinical impact of diabetes mellitus on outcome after transcatheter aortic valve replacement

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7. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Kashif M, , Maeno Y, Kazuno Y, Takahashi N, Kawamori H, Cox J, Sharma RP, Cheng W, Makkar RR.

The clinical impact of diabetes mellitus on outcome after transcatheter aortic valve replacement

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November 2015, Orlando, FL, USA

8. Maeno Y, **Abramowitz Y**, Takahashi N, Kazuno Y, Kashif M, Okuyama K, Friedman J, Berman D, Nakamura M, Cheng W, Makkar RR, Jilaihawi H

Amount of Non-Coronary Cusp Annular Device Landing Zone Calcium Predicts New Permanent Pacemaker Implantation After Balloon-Expandable Transcatheter Aortic Valve Replacement

Presented at **EuroPCR 2015**,

May 2015, Paris, France

9. Kazuno Y, Maeno Y, **Abramowitz Y**, Takahashi N, Kashif M, Kawamori H, Chakravarty T, Nakamura M, Cheng W, Makkar R, Jilaihawi H

Device Area/Annulus Area Ratio as a Predictor Of 30-Day Paravalvular Regurgitation After Balloon-Expandable TAVI

Presented at **EuroPCR 2015**,

May 2015, Paris, France

10. Barbash IM, Barbanti M, Webb J, Molina-Martin De Nicolas J, **Abramowitz Y**, Latib A, Nguyen C, Deuschl F, Segev A, Sideris K, Santos M, Della Rosa F, Tamburino C, Jilaihawi H, Miyazaki T, Himbert D, Schofer N, Guetta V, Bleiziffer S, Tchetché D, Immè S, Makkar RR, Vahanian A, Treede H, Lange R, Colombo A, Dvir D

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11. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Nakamura M, Cheng W, Dhoble A, Castellanos J, Kashif M, Takahashi N, Doctor N, Gheorghiu M, Makkar RR
Feasibility and Safety of Balloon-Expandable TAVR With Moderate or No Predilatation
Presented at the **American Heart Association Scientific sessions 2014**,
November 2014, Chicago, IL, USA
12. Havakuk O, Konigstein M, Ben Assa E, Steinvil A, Halkin A, Arbel Y, **Abramowitz Y**, Keren G, Finkelstein A, Banai S
Steroid Therapy and Conduction Disturbances after Transcatheter Aortic Valve Implantation
Presented at the **61th Annual Conference of the Israel Heart Society**,
April 2014, Tel-Aviv, Israel.
13. Steinvil A, **Abramowitz Y**, Leshem-Rubinow E, Shacham K, Halkin A, Arbel Y, Banai S, Finkelstein A
Prevalence and Predictors of Carotid Artery Stenosis in Patients Referred to Aortic Valve Implantation
Presented at the **61th Annual Conference of the Israel Heart Society**,
April 2014, Tel-Aviv, Israel.
14. Ben-Assa E, Konigstein M, **Abramowitz Y**, Steinvil A, Leshem-Rubinow E, Halkin A, Keren G, Banai S, Finkelstein A
Acute Kidney Injury following Transcatheter Aortic Valve Implantation Using Both Edwards Sapien XT and CoreValve Bioprosthesis: Implementation of the Updated VARC-2 Criteria
Presented at the **4th edition of PCR London valves**,
September 2013, London, England.
15. **Abramowitz Y**, Katz G, Steinvil A, Banai S, Arbel Y, Keren G, Finkelstein A
Elective Percutaneous Coronary Interventions and Transcatheter Aortic Valve Implantation
Presented at the **60th Annual Conference of the Israel Heart Society**,
April 2013, Jerusalem, Israel.
16. Leshem-Rubinow E, Steinvil A, **Abramowitz Y**, Ben-Assa E, Halkin A, Ben-Gal Y, Keren G, Banai S, Finkelstein A
Vascular Complications in Percutaneous Trans-Femoral Transcatheter Aortic Valve Implantation A Single Center Experience
Presented at the **60th Annual Conference of the Israel Heart Society**,
April 2013, Jerusalem, Israel.

17. Schwartz AL, Finkelstein A, **Abramowitz Y**, Arbel Y, Uretzky G, Biner S, Keren G, Kremer A, Topilsky Y
 Comparison of the Hemodynamic Performance and Midterm Outcome of Per-Cutaneous versus Surgical Stentless Bioprostheses for Aortic Stenosis with Anticipated Patient Prosthesis Mismatch
 Presented at the **60th Annual Conference of the Israel Heart Society**,
 April 2013, Jerusalem, Israel.
18. Konigstein M, Biner S, Topilsky Y, Steinvil, **Abramowitz Y**, Arbel Y, Banai S, Keren G, Finkelstein A
 Left Ventricular Mass Regression and Improvement in Diastolic Function after Transcatheter Aortic Valve Implantation – An Echocardiographic Study
 Presented at the **60th Annual Conference of the Israel Heart Society**,
 April 2013, Jerusalem, Israel.
19. Ben Assa E, Konigstein M, **Abramowitz Y**, Steinvil A, Leshem Rubinow E, Havakuk O, Halkin A, Keren G, Banai S, Finkelstein A
 Acute Kidney Injury Following Transcatheter Aortic Valve Implantation using both Edwards Sapien XT and CoreValve Bioprosthesis: Implementation of the Updated VARC-2 Criteria
 Presented at the **60th Annual Conference of the Israel Heart Society**,
 April 2013, Jerusalem, Israel.
20. Leshem-Rubinow E, Amit S, Steinvil A, Ben-Assa E, **Abramowitz Y**, Keren G, Banai S, Finkelstein A
 Fever Following Transcatheter Aortic Valve Implantation –Prevalence, Pattern and Rate Attributed to an Infectious Origin
 Presented at the **60th Annual Conference of the Israel Heart Society**,
 April 2013, Jerusalem, Israel.
21. Finkelstein, Birati E, **Abramowitz Y**, Steinvil A, Sheinberg N, Biner S, Bazan S, Ben Gal Y, Halkin A, Arbel Y, Leshem-Rubinow E, Keren G, Shmuel Banai
 Transcatheter Aortic Valve Implantation: A Single Center First 300 Cases Experience
 Presented at the **60th Annual Conference of the Israel Heart Society**,
 April 2013, Jerusalem, Israel.
22. Arbe Y, Birati E, **Abramowitz Y**, Berliner S, Halkin A, Deutsch V, Herz I, Keren G, Finkelstein A, Banai S.

Platelet Inhibitory Effect Of Clopidogrel In Patients Treated With Omeprazole, Pantoprazole, And Famotidine. A Prospective Randomized Crossover Study.

Presented at the **61st Annual Scientific Session of the American College of Cardiology**,
March 2013, Chicago, IL, USA

23. Steinvil A, Sadeh B, Biner S, Finkelshtein A, Banai S, Birati E, **Abramowitz Y*** (presenter),
Keren G, Topilsky Y.

Transcatheter Aortic Valve Replacement for Low Gradient Severe Aortic Stenosis: Clinical Outcome.

Presented at the **59th Annual Conference of the Israel Heart Society**,
April 2012, Tel-Aviv, Israel.

24. Arbel Y, Birati E, Finkelstein A, Halkin A, **Abramowitz Y**, Berliner S, Deutsch V, Hertz I, Keren G,
Banai S.

Clopidogrel Inhibitory Effect with Omeprazole, Pantoprazole or Famotidine – A Crossover Study.

Presented at the **59th Annual Conference of the Israel Heart Society**,
April 2012, Tel-Aviv, Israel.

25. Birati E, Topilsky Y, **Abramowitz Y**, Steinvil A, Finkelstein A, Biner S.

Hemodynamic Effect of Transcatheter Aortic Valve Replacement in Low Gradient Severe Aortic Stenosis.

Presented at the **59th Annual Conference of the Israel Heart Society**,
April 2012, Tel-Aviv, Israel.

26. Finkelstein A, Sheinberg N, Biner S, Bazan S, Shifman Y, Masachi R, Levitov A, **Abramowitz Y**,
Birati E, Keren G, Banai S.

Transcatheter Aortic Valve Implantation: The Tel-Aviv Medical Center First 100 Patients Experience.

Presented at the **58th Annual Conference of the Israel Heart Society**,
May 2011, Tel-Aviv, Israel.

27. Biner S, Banai S, Birati E, **Abramowitz Y**, Eliazar E, Megidish R, Keren G, Finkelshtein A.

Echo Doppler Assessment of Left Sided Filling Performance in Severe Aortic Stenosis.

Presented at the **58th Annual Conference of the Israel Heart Society**,
May 2011, Tel-Aviv, Israel.

INVITED LECTURES AT SCIENTIFIC MEETINGS

1. Bioprosthetic valves thrombosis

Presented at the **11th International Conference on Acute Cardiac Care**
June 2018, Tel-Aviv, Israel.

2. Biological valves thrombosis

Presented at the **65th Annual Conference of the Israel Heart Society**,
April 2018, Tel-Aviv, Israel.

FIRST AUTHOR POSTER PRESENTATIONS AT SCIENTIFIC MEETINGS

1. **Abramowitz Y**, Lindman BR, Chakravarty T, Jilaihawi H, Kapadia S, Szeto WY, Pibarot P, Babaliaros V, HerrmannHC, Smalling R, Svensson LG, Thourani VH , Kodali S, Smith CR, Trento A, Zhang Y, MC Alu, Mack MJ, Leon MB, Makkar RR

The clinical impact of diabetes mellitus on outcomes after transcatheter aortic valve replacement: insights from the PARTNER II SAPIEN 3 cohort

Presented at the **Transcatheter Cardiovascular Therapeutics (TCT) 2016**

October, 2016, Washington DC, USA

Received the Top 50 Poster Award

2. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Mangat G, Maeno Y, Kazuno Y, Takahashi N, Kawamori H, Nakamura M, Cheng W, Makkar RR
- Feasibility and Safety of Sapien 3 Transcatheter Aortic Valve Implantation with Moderate or No Predilatation

Presented at the **64th Annual Scientific Session of the American College of Cardiology**,
April 2016, Chicago, IL, USA

3. **Abramowitz Y**, Maeno Y, Chakravarty T, Mangat G, Kazuno Y, Takahashi N, Kawamori H, Nakamura M, Cheng W, Jilaihawi H, Makkar RR
- Aortic Angulation Attenuates Procedural Success Following Self-Expandable But Not Balloon-Expandable Transcatheter Aortic Valve Implantation

Presented at the **64th Annual Scientific Session of the American College of Cardiology**,
April 2016, Chicago, IL, USA

4. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Kashif M, Kazuno Y, Maeno Y, Takahashi N, Kawamori H, Sharma R, Cox J, Cheng W, Makkar RR

Balloon-Expandable Transcatheter Aortic Valve Replacement in Patients with Severe Aortic Stenosis and Mild Aortic Valve Calcification

Presented at **Transcatheter Cardiovascular Therapeutics (TCT) 2015**,
October, 2015, San Francisco, CA, USA

5. **Abramowitz Y**, Jilaihawi H, Chakravarty T, Kashif M, Takahashi N, Kazuno Y, Maeno Y, Nakamura M, Cheng W, Makkar RR

Balloon-Expandable Transcatheter Aortic Valve Replacement in Patients with Extreme Aortic Valve Calcification

Presented at the **63rd Annual Scientific Session of the American College of Cardiology**,
March 2015, San Diego, CA, USA

6. **Abramowitz Y**, Chakravarty T, Jilaihawi H, Nakamura M, Cheng W, Kashif M, Takahashi N, Castellanos J, Dhoble A, Doctor N, Gheorghiu M, Makkar RR

Clinical Impact of Coronary Protection During Transcatheter Aortic Valve Replacement: First Reported Series of 25 Patients

Presented at the **American Heart Association Scientific sessions 2014**,
November 2014, Chicago, IL, USA

7. **Abramowitz Y**, Jilaihawi J, Chakravarty T, Nakamura M, Kashif M, Dhoble A, Castellanos A, Cheng W, Makkar R

Transcatheter Aortic Valve Replacement in a Patient with Severe Aortic Regurgitation

Presented at **Transcatheter Cardiovascular Therapeutics (TCT) 2014**,
September, 2014, Washington DC, USA