

Name Yan Topilsky

Degree MD

CV updated 05.11.2017

CURRICULUM VITAE

NAME Yan (Ian)* Topilsky (Topilski)* MD 01264277-3

(First)

(Last)

Academic Degree

I.D No.

FACULTY/DEPT Sackler Faculty of Medicine/ Cardiology Department

HOSPITAL/DEPT Tel Aviv Sourasky Medical Center/ Cardiology Department

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DATE AND PLACE OF BIRTH 19.10.1966 Peru

DATE OF ARRIVAL IN ISRAEL 01.01.1972

ZAHAL (ISRAELI) MILITARY SERVICE

1984 1990

(Enlisted

Discharged)

MARITAL STATUS Married+3

A. Education

PERIODS OF STUDIES

Tel-Aviv University, Tel Aviv, Israel 1990-1997

(Name of University, City, Country)

Period

Subject Medicine

Degree or Professional License MD

Date Awarded 1997

Name Yan Topilsky

Degree MD

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Title of Doctoral Dissertation Induced sputum compared to bronchoalveolar lavage for evaluating patients with sarcoidosis and non-granulomatous interstitial lung disease.

Supervised by: Prof. S.Kivity, PhD E.Fireman Tel Aviv Medical Center

Date Awarded 06.1996

B. FURTHER STUDIES

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|-----------|--|
| 2007-2008 | Successfully Passing the USMLE Step 1, Step 2 CK and Step 2 CS Examinations. |
| 2008-2009 | Advanced Echocardiography Diploma.
Mayo School of Graduate Education, College of Medicine, Rochester Minnesota, USA. |
| 2010-2011 | Transplantation Medicine – Cardiovascular Disease Diploma.
Mayo School of Graduate Education, College of Medicine, Rochester Minnesota, USA. |
| 1997 | Israeli Permanent License to Practice Medicine. |
| 1999 | ECFMG Certificate to Practice Medicine in the United States under Supervision. |
| 2002 | Internal Medicine Specialty Diploma. |
| 2007 | Cardiology Specialty Diploma. |
| 2007 | Advanced Cardiac Life Support (ACLS) Course. The Center for Resuscitation and Emergency Meducation (AHA International Training Aauthorized). Tel-Aviv Sourasky Medical Center, Israel. |
| 2008 | ECFMG Certificate to Practice Medicine in the United States under Supervision. |

2012 Good Clinical Practices for Clinical Research Professionals Course
(ACRP authorized). GCP Clinical Studies, Israel.

C. ACADEMIC & PROFESSIONAL ACTIVITIES & ACHIEVEMENTS

C1.ACADEMIC EXPERIENCE

1997-2002 Instructor of Israeli and American Medical Students during Internal Medicine Department Clerkships. Tel-Aviv University Sackler Faculty of Medicine New York program.

2001 Internal Medicine 3rd Year Clerkship Tutor. Tel-Aviv University Sackler Faculty of Medicine New-York program.

2002-2007 Instructor of Israeli and American during Cardiology Department Clerkships Medical Students. Tel-Aviv University Sackler Faculty of Medicine New York program.

2012 Clinical Instructor of Internal Medicine Appointment, at the Sackler Faculty of Medicine, Tel-Aviv University.

2014 Associate Professor of Cardiology Appointment, at the Sackler Faculty of Medicine, Tel-Aviv University.

C2. PROFESSIONAL EXPERIENCE.

1996-1997 Internship at the Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel.

1997-2001 Internal Medicine Residency, Internal Medicine department 'T', the Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel.

2001-2002 Senior Physician, Department of Internal Medicine T, Tel-Aviv Medical Center.

2002-2006 Cardiology Residency, Cardiology Department at the Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel.

2006-2008 Senior Physician, Cardiology Department at the Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel.

2008-2009 Advanced Echocardiography Fellowship, Cardiology Division, Mayo Clinic, Rochester Minnesota USA.

2009-2011 LVAD and Transplant Fellowship, Cardiology Division, Mayo Clinic, Rochester Minnesota, USA.

2011-present Director of Echocardiography and Non Invasive Cardiology Unit, Tel-Aviv Sourasky Medical Center.

2016-present Secretary General of the Israel Echocardiography Society.

2018-present Director of cardiology hospitalization division in Tel Aviv Medical Center

C3. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS*

Date	Country	Subject	Role (Speaker, Member of Steering Committee, Active Participation etc.)
2003	Israel	Israel 51 th Annual conference of the Israeli Heart Society	Oral Presentation
2005	Israel	Israel 52 th Annual Conference of the Israel Heart Society	Oral Presentation
2006	Israel	Israel 53 th Annual Conference of the Israel Heart Society	Oral Presentation
2007	Israel	Israel 54 th Annual Conference of the Israel Heart Society	Oral Presentation
2009	Spain	Spain European Society of Cardiology Congress	Poster Presentation
2009	USA	American College of Cardiology Conference	Poster Presentation
2010	USA	American Valve Heart Association	Oral Presentation

		Conference	
2010	USA	American College of Cardiology Conference	Poster Presentation
2010	USA	American Heart Association Conference	Poster Presentation
2011	USA	American College of Cardiology Conference	Oral and Poster Presentations
2011	USA	International Society of Heart and Lung Transplantation	Oral and Poster Presentations
2011	Israel	Israel 58 th Annual Conference of the Israel Heart Society	Oral Presentation
2011	USA	USA Conference American Heart Association Conference	Poster Presentation
2012	USA	ACC 2012 Scientific Sessions	Invited Speaker/Faculty
2012	USA	ASE 2012 Scientific Sessions	Invited Speaker/Faculty
2012	South Korea	Samsung Mayo Critical Care Cardiology Symposium	Invited Speaker/Faculty
2012	USA	USA American Valve Heart Association Conference	Oral Presentation
2012	USA	USA International Society of Heart and Lung Transplantation Conference	Poster Presentation
2013	USA	ASE 2013 Scientific	Invited Speaker/Faculty

		Sessions	
2013	Italy	European Valve Heart Association Conference	Oral Presentation
2013	USA	American Society of Echocardiography Conference	Invited Speaker/Faculty and Oral Presentation
2014	USA	American College of Cardiology Conference	Invited Speaker/Faculty and Oral Presentation
2014	Brazil	Brazilian Society of Echocardiography Conference	Invited Speaker/Faculty and Oral Presentation
2014	USA	American Valve Heart Association Conference	Invited Speaker/Faculty and Oral Presentation
2014	USA	American Society of Echocardiography Conference	Invited Speaker/Faculty and Oral Presentation
2015	Israel	Israel 58 th Annual Conference of the Israel Heart Society	Oral Presentation
2015	Monaco	European Valve Heart Association Conference	Invited Speaker/Faculty and Oral Presentation
2015	Italy	Padua University	Invited Speaker/Faculty and Oral Presentation
2015	USA	American Society of Echocardiography Conference	Invited Speaker/Faculty and Oral Presentation
2015	Spain	European Society of Echocardiography Conference	Invited Speaker/Faculty and Oral Presentation
2016	USA	American Valve Heart Association Conference	Invited Speaker/Faculty and Oral Presentation
2016	Israel	Israel 58 th Annual Conference of the	Invited Speaker/Faculty

		Israel Heart Society	and Oral Presentation
2016	Germany	European Society of Echocardiography Conference	Oral Presentation
2017	Monaco	European Valve heart Association Conference	Poster Presentation Moderator
2017	Israel	Israel 58 th Annual Conference of the Israel Heart Society	Invited Speaker/Faculty and Oral Presentation
2017	USA	American College of Cardiology Conference	Poster Presentation
2017	USA	Workshop Consensus Manuscript Committee	Invited Speaker/Faculty and Oral Presentation
2017	USA	TCT	Invited Speaker/Faculty and Oral Presentation
2017	Portugal	European Society of Echocardiography Conference	Invited Speaker/Faculty and Oral Presentation
2018	USA	American College of Cardiology Conference	Invited Speaker/Faculty and Oral Presentation
2018	Israel	Israel 59 th Annual Conference of the Israel Heart Society	Invited Speaker/Faculty and Oral Presentation
2018	USA	American Valve heart Association Conference	Invited Speaker/Faculty and Oral Presentation
2018	Switzerland	Mitral Valve meeting	Invited Speaker/Faculty and Oral Presentation
2018	Monaco	Mitral Valve meeting	Invited Speaker/Faculty and Oral Presentation
2018	USA	American Society of Echocardiography	Invited Speaker/Faculty and Oral Presentation

		conference	
2018	USA	TCT	Invited Speaker/Faculty and Oral Presentation

C4. MEMBERSHIP IN PROFESSIONAL SOCIETIES*

Years (period)	Name of Organization		
2007-present	Israel Heart Society		
2013-present	European Heart Society		
2016-present	Israeli working group in Echocardiography		
2018-present	American Society of Echocardiography		

D. DOCTORAL STUDENTS MENTORED BY CANDIDATE*

Years (period)	Name of Student	Subject	Academic Institute	Ph.D/ M.D	In collaboration with
2012	Arie Lorin Schwartz	Comparison of the Hemodynamic Performance and Mid-term Outcome of Per-cutaneous versus Surgical Stentless Bioprostheses for Aortic Stenosis with Anticipated Patient Prosthesis Mismatch	Tel Aviv University	MD	
2012	Moshe Cohen	Assessment of Right Ventricular systolic and diastolic function in Patients with first ST elevation MI and their prognostic role	Tel Aviv University	MD	
2012	Hezzi Shmueli	Echocardiographic Parameters Associated with	Tel Aviv University	MD	

		Long-Term Mortality in Patients with Dyspnea with and without Pulmonary Emboli			
2013	Eran Leshem-Rubinow	Cardiac Remodeling after Transcatheter Aortic Valve Replacement. Implications of Post Procedural Paravalvular Leak	Ben-Gurion University	MD	
2013	Omri Shental	The use of combined echo and cardiopulmonary stress test in assessment of patients with secondary pulmonary hypertension	Tel Aviv University	MD	
2013	Lior Yankelson	Assessment of left atrial pressure by inter-atrial septal position using handheld echocardiography in patients in the emergency room	Tel Aviv University	MD	
2013	Maayan Konigstein	Improvement in Diastolic Function after Transcatheter Aortic Valve Implantation is exclusive to patients with concentric hypertrophy, but not concentric remodeling	University of Bologna	MD	
2014	Eric Buffle	Redefining Diastolic Dysfunction Grading:pulmonary venous flow Doppler assessment in patients with	Universite de Geneve	MD	

		preserved ejection fraction and their contribution to the diastolic grading paradigm			
2014	Jason Shimiaie	Determinants of Effort Intolerance in Patients with Heart Failure: Combined Echo and Cardio-Pulmonary Stress Protocol	Tel Aviv University	MD	
2014	Judith Kramarz	Impact of Diastolic Dysfunction on Outcome of Patients Undergoing Trans-catheter Aortic Valve Replacement	Kobenhavns Universitet Denmark	MD	
2015	Nir Bar	Clinical Outcome of Isolated Tricuspid Regurgitation in Patients with Preserved Left Ventricular Ejection Fraction and Pulmonary Hypertension	Tel Aviv University	MD	
2015	Michal Laufer-Perl	Mechanisms of Effort Intolerance in Patients with Rheumatic Mitral Stenosis: Combined Echo and Cardio-Pulmonary Stress Protocol	Tel Aviv University	MD	
2016	Shafique Khoury	Discriminating Circulatory Problems from Deconditioning - Echocardiogram and Cardio-Pulmonary Exercise Test Analysis	Tel Aviv University	MD	
2016	Zach	Impact of Right Ventricular	Tel Aviv	MD	

	Rozenbaum	Dysfunction and Tricuspid Regurgitation on Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement	University		
2017	Oren Zusman	Intervention versus Observation in Symptomatic Patients with Normal Flow-Low Gradient Severe Aortic Stenosis	Tel Aviv University	MD	
2017	Dana Viskin	Heart Failure in High Grade Atrio-Ventricular Block: The Essential Role of Diastolic Mitral Regurgitation	Ben Gurion University	MD	
2017	Yogev Peri	Quantitative Assessment of Effective Regurgitant Orifice- Impact on Risk Stratification, and Cut-off for Severe and Torrential Tricuspid Regurgitation Grade	Tel Aviv University	MD	
2017	Nino kikoashvili	Clinical Validity of Measuring Time Differenc Between Onset of Mitral Inflow and Onset of Early Diastolic Mitral Annulus Velocity in the Evaluation of Left Ventricular Diastolic Function	Tel Aviv University	MD	
2017	Udi Rothschild	Impact of RV Dysfunction and End-Diastolic Pulmonary Artery	Tel Aviv University	MD	

		Pressure Estimated From Analysis of Tricuspid Regurgitant Velocity Spectrum in Patients With Preserved Ejection Fraction			
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G. AWARDS

- 1999 Israeli Internal Medicine Board Written Exam passed Cum Laude
- 2001 Israeli Internal Medicine Board Oral Exam passed Cum Laude.
- 2006 Israeli Cardiology Board Written Exam passed Cum Laude.
- 2007 The Mayo Clinic Fellowship Grant from the Israel Heart Society
42,000\$.
- 2007 Clinical Fellowship Grant from the Tel Aviv Sourasky Medical Center
25,000\$.
- 2013 Excellent Basic Science Thesis Award by the Israeli Medical
Association 1000\$.
- 2013 Excellent Cardiology Lecturer Award - Sackler Faculty of Medicine,
Tel Aviv University.
- 2017 Excellent Basic Science Thesis Award by the Israeli Medical
Association 1000\$.

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2017 Finalist in the Roelandt's Young Investigator Award of the European
Echo and Imaging Society 2017

2018 Finalist in the Young Investigator Award of the Israel Heart Society
2018

SCIENTIFIC PUBLICATIONS

A. BOOKS AND MONOGRAPHS

B. TEXTBOOKS (not for MDs)

B.1. ORIGINAL ARTICLES*

(Including IF; No. of Citations; Rank of Journal in Discipline)

B.1. Articles Published

1. Fireman E, **Topilsky I**, Greif J, Lerman Y, Schwarz Y, Man A, Topilsky M. Induced sputum compared to bronchoalveolar lavage for evaluating patients with sarcoidosis and non-granulomatous interstitial lung disease. *Respir Med.* 1999;93(11):827-34.
(CARDIAC & CARDIOVASCULAR SYSTEMS 50/122, IF=2.59, No of citations 40).
2. Flaishon L*, **Topilski I***, Shoseyov D, HersHKoviz R, Fireman E, Levo Y, Marmor S, Shachar I.
Cutting edge: anti-inflammatory properties of low levels of IFN-gamma. *J Immunol.* 2002 15;168(8):3707-11.
* F.L and T.I contributed equally to this study.
(IMMUNOLOGY 24/135, IF=5.52, No of citations 44).
3. Schwartz IF, Schwartz D, Traskonov M, Chernichovsky T, Wollman Y, Gnessin E, **Topilsky I**, Levo Y, Iaina A.
L-Arginine transport is augmented through up-regulation of tubular CAT-2 mRNA in ischemic acute renal failure in rats. *Kidney Int.* 2002;62(5):1700-6.
(UROLOGY AND NEPHROLOGY 4/73, IF=7.92, No of citations 32).
4. **Topilski I**, Harmelin A, Flavell RA, Levo Y, Shachar I.
Preferential Th1 immune response in invariant chain-deficient mice. *J Immunol.* 2002;168(4):1610-7.
(IMMUNOLOGY 24/135, IF=5.52, No of citations 28).
5. **Topilski I**, Flaishon L, Naveh Y, Harmelin A, Levo Y, Shachar I.
The anti-inflammatory effects of 1,25-dihydroxyvitamin D3 on Th2 cells in vivo are due in part to the control of integrin-mediated T lymphocyte homing. *Eur J Immunol.* 2004;34(4):1068-76.
(IMMUNOLOGY 26/135, IF=4.97, No of citations 48).
6. **Topilski I**, Glick A, Belhassen B.
Idiopathic left ventricular tachycardia with a right bundle branch block morphology and left axis deviation ("Belhassen type"): results of radiofrequency ablation in 18 patients. *Isr Med Assoc J.* 2004;6(4):195-200.
(MEDICINE, GENERAL&INTERNAL 80/151, IF=0.98, No of citations

- 6).
7. Koifman B, **Topilski I**, Megidish R, Zelmanovich L, Chernihovsky T, Bykhovsy E, Keren G.
Effects of losartan + L-arginine on nitric oxide production, endothelial cell function, and hemodynamic variables in patients with heart failure secondary to coronary heart disease.
Am J Cardiol. 2006;98(2):172-7.
(CARDIAC & CARDIOVASCULAR SYSTEMS 37/122, IF=3.21, No of citations 7).
8. **Topilski I**, Glick A, Viskin S, Belhassen B.
Frequency of spontaneous and inducible atrioventricular nodal reentry tachycardia in patients with idiopathic outflow tract ventricular arrhythmias.
Pacing Clin Electrophysiol. 2006;29(1):21-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS 65/122, IF=1.75, No of citations 4).
9. **Topilski I**, Rogowski O, Glick A, Viskin S, Eldar M, Belhassen B.
Radiofrequency ablation of atrioventricular nodal reentry tachycardia: a 14 year experience with 901 patients at the Tel Aviv Sourasky Medical Center.
Isr Med Assoc J. 2006;8(7):455-9.
(MEDICINE, GENERAL&INTERNAL 80/151, IF=0.98, No of citations 8).
10. **Topilski I**, Sherez J, Keren G, Copperman I.
Long-term effects of dual-chamber pacing with periodic echocardiographic evaluation of optimal atrioventricular delay in patients with hypertrophic cardiomyopathy >50 years of age.
Am J Cardiol. 2006;97(12):1769-75.
(CARDIAC & CARDIOVASCULAR SYSTEMS 37/122, IF=3.21, No of citations 9).
11. Fireman E, **Topilsky I**, Viskin S, Priel IE.
The role of induced sputum in amiodarone-associated interstitial lung diseases.
Cardiology. 2007;108(4):223-7.
(CARDIAC & CARDIOVASCULAR SYSTEMS 70/122, IF=1.52, No of citations 1).
12. **Topilski I**, Rogowski O, Glick A, Viskin S, Eldar M, Belhassen B.
Catheter-induced mechanical trauma to fast and slow pathways during radiofrequency ablation of atrioventricular nodal reentry tachycardia: incidence, predictors, and clinical implications.
PACE - Pacing Clin Electrophysiol. 2007;30(10):1233-41.
(CARDIAC & CARDIOVASCULAR SYSTEMS 65/122, IF=1.75, No of citations 5).
13. **Topilski I**, Rogowski O, Rosso R, Justo D, Copperman Y, Glikson M, Belhassen B, Hochenberg M, Viskin S.

The morphology of the QT interval predicts torsade de pointes during acquired bradyarrhythmias.

J Am Coll Cardiol. 2007;49(3):320-8.

(CARDIAC & CARDIOVASCULAR SYSTEMS 3/122, IF=14.09, No of citations 58).

14. Le Tourneau T, Messika-Zeitoun D, Russo A, Detaint D, **Topilsky Y**, Mahoney DW, Suri R, Enriquez-Sarano M.
Impact of left atrial volume on clinical outcome in organic mitral regurgitation.
J Am Coll Cardiol. 2010;56(7):570-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS 3/122, IF=14.09, No of citations 32).
15. **Topilsky Y**, Tribouilloy C, Michelena HI, Pislaru S, Mahoney DW, Enriquez-Sarano M.
Pathophysiology of tricuspid regurgitation: quantitative Doppler echocardiographic assessment of respiratory dependence.
Circulation. 2010; (15)122:1505-13.
(CARDIAC & CARDIOVASCULAR SYSTEMS 1/122, IF=15.20, No of citations 8).
16. Maltais S, Schaff HV, Daly RC, Suri RM, Dearani JA, Sundt TM, 3rd, Enriquez-Sarano M, **Topilsky Y**, Park S.
Mitral regurgitation surgery in patients with ischemic cardiomyopathy and ischemic mitral regurgitation: factors that influence survival.
J Thorac Cardiovasc Surg. 2011;142(5):995-1001.
(CARDIAC & CARDIOVASCULAR SYSTEMS 33/122, IF=3.53, No of citations 9).
17. Michelena HI, Khanna AD, Mahoney D, Margaryan E, **Topilsky Y**, Suri RM, Enriquez-Sarano M.
Incidence of aortic complications in patients with bicuspid aortic valves.
JAMA. 2011;306(10):1104-12.
(MEDICINE, GENERAL&INTERNAL 3/151, IF=29.97, No of citations 20).
18. Miller WL, Mahoney DW, Michelena HI, Pislaru SV, **Topilsky Y**, Enriquez-Sarano M.
Contribution of ventricular diastolic dysfunction to pulmonary hypertension complicating chronic systolic heart failure.
JACC Cardiovasc Imaging. 2011;4(9):946-54.
(CARDIAC & CARDIOVASCULAR SYSTEMS 10/122, IF=6.16, No of citations 4).
19. **Topilsky Y**, Hasin T, Oh JK, Borgeson DD, Boilson BA, Schirger JA, Clavell AL, Frantz RP, Tsutsui R, Liu M, Maltais S, Kushwaha SS, Pereira NL, Park SJ.
Echocardiographic variables after left ventricular assist device implantation associated with adverse outcome.

Circ Cardiovasc Imaging. 2011;4(6):648-61.

(CARDIAC & CARDIOVASCULAR SYSTEMS 14/122, IF=5.79, No of citations 4).

20. **Topilsky Y**, Khanna AD, Oh JK, Nishimura RA, Enriquez-Sarano M, Jeon YB, Sundt TM, Schaff HV, Park SJ.
Preoperative factors associated with adverse outcome after tricuspid valve replacement.
Circulation. 2011;123(18):1929-39.
(CARDIAC & CARDIOVASCULAR SYSTEMS 1/122, IF=15.20, No of citations 16).
21. **Topilsky Y**, Oh JK, Atchison FW, Shah DK, Bichara VM, Schirger JA, Kushwaha SS, Pereira NL, Park SJ.
Echocardiographic findings in stable outpatients with properly functioning HeartMate II left ventricular assist devices.
J Am Soc Echocardiogr. 2011;24(2):157-69.
(CARDIAC & CARDIOVASCULAR SYSTEMS 26/122, IF=4.28, No of citations 6).
22. **Topilsky Y**, Oh JK, Shah DK, Boilson BA, Schirger JA, Kushwaha SS, Pereira NL, Park SJ.
Echocardiographic predictors of adverse outcomes after continuous left ventricular assist device implantation.
JACC Cardiovasc Imaging. 2011;4(3):211-22.
(CARDIAC & CARDIOVASCULAR SYSTEMS 10/122, IF=6.16, No of citations 14).
23. **Topilsky Y**, Pereira NL, Shah DK, Boilson B, Schirger JA, Kushwaha SS, Joyce LD, Park SJ.
Left ventricular assist device therapy in patients with restrictive and hypertrophic cardiomyopathy.
Circ Heart Fail. 2011;4(3):266-75.
(CARDIAC & CARDIOVASCULAR SYSTEMS 7/122, IF=6.68, No of citations 14).
24. Arbel Y, Birati EY, Shapira I, **Topilsky Y**, Wirguin M, Canaani MDJ.
T-wave amplitude is related to physical fitness status.
Ann Noninvasive Electrocardiol. 2012;17(3):214-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS 95/122, IF=1.08).
25. Hasin T, **Topilsky Y**, Kremers WK, Boilson BA, Schirger JA, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Joyce L, Daly R, Stulak JM, Kushwaha SS, Park SJ, Pereira NL.
Usefulness of the six-minute walk test after continuous axial flow left ventricular device implantation to predict survival.
Am J Cardiol. 2012;110(9):1322-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS 37/122, IF=3.21).
26. Hasin T, **Topilsky Y**, Schirger JA, Li Z, Zhao Y, Boilson BA, Clavell AL,

Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Joyce L, Daly R, Park SJ, Kushwaha SS.

Changes in renal function after implantation of continuous-flow left ventricular assist devices.

J Am Coll Cardiol. 2012;59(1):26-36.

(CARDIAC & CARDIOVASCULAR SYSTEMS 3/122, IF=14.09, No of citations 5).

27. Maltais S, **Topilsky Y**, Tchantchaleishvili V, McKellar SH, Durham LA, Joyce LD, Daly RC, Park SJ.

Surgical treatment of tricuspid valve insufficiency promotes early reverse remodeling in patients with axial-flow left ventricular assist devices.

J Thorac Cardiovasc Surg. 2012;143(6):1370-6.

(CARDIAC & CARDIOVASCULAR SYSTEMS 33/122, IF=3.53, No of citations 4).

28. **Topilsky Y**, Hasin T, Raichlin E, Boilson BA, Schirger JA, Pereira NL, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Maltais S, Park SJ, Daly RC, Lerman A, Kushwaha SS.

Sirolimus as primary immunosuppression attenuates allograft vasculopathy with improved late survival and decreased cardiac events after cardiac transplantation.

Circulation. 2012;125(5):708-20.

(CARDIAC & CARDIOVASCULAR SYSTEMS 1/122, IF=15.20, No of citations 10).

29. **Topilsky Y**, Hayes CL, Khanna AD, Allison TG.

Cardiopulmonary exercise test in patients with subacute pulmonary emboli.

Heart Lung. 2012;41(2):125-36.

(CARDIAC & CARDIOVASCULAR SYSTEMS 78/122, IF=1.40).

30. **Topilsky Y**, Khanna A, Le Tourneau T, Park S, Michelena H, Suri R, Mahoney DW, Enriquez-Sarano M.

Clinical context and mechanism of functional tricuspid regurgitation in patients with and without pulmonary hypertension.

Circ Cardiovasc Imaging. 2012;5(3):314-23.

(CARDIAC & CARDIOVASCULAR SYSTEMS 14/122, IF=5.80, No of citations 3).

31. **Topilsky Y**, Michelena H, Bichara V, Maalouf J, Mahoney DW, Enriquez-Sarano M.

Mitral valve prolapse with mid-late systolic mitral regurgitation: pitfalls of evaluation and clinical outcome compared with holosystolic regurgitation.

Circulation. 2012;125(13):1643-51.

(CARDIAC & CARDIOVASCULAR SYSTEMS 1/122, IF=15.20, No of citations 3).

32. Hasin T, Marmor Y, Kremers W, **Topilsky Y**, Severson CJ, Schirger JA, Boilson BA, Clavell AL, Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Stulak JM, Joyce L, Daly R, Park SJ, Kushwaha SS.

Readmissions after implantation of axial flow left ventricular assist device.
J Am Coll Cardiol. 2013; 61(2):153-163.

(CARDIAC & CARDIOVASCULAR SYSTEMS 1/125, IF=15.343, No of citations 23).

33. **Topilsky Y**, Gandhi MJ, Hasin T, Voit LL, Raichlin E, Boilson BA, Schirger JA, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Kushwaha SS, Lerman A, Pereira NL.

Donor-specific antibodies to class II antigens are associated with accelerated cardiac allograft vasculopathy: a three-dimensional volumetric intravascular ultrasound study.

Transplantation. 2013;95(2):389-396.

(IMMUNOLOGY 50/144, IF=3.535, No of citations 6).

34. **Topilsky Y**, Raichlin E, Hasin T, Boilson BA, Schirger JA, Pereira NL, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Gandhi MJ, Maltais S, Park SJ, Daly RC, Lerman A, Kushwaha SS.

Combined heart and liver transplant attenuates cardiac allograft vasculopathy compared with isolated heart transplantation.

Transplantation. 2013;95(6):859-865.

(IMMUNOLOGY 50/144, IF=3.535, No of citations 2).

35. Le Tourneau T, Deswarte G, Lamblin N, Foucher-Hosseine C, Fayad G, Richardson M, Polge A-N, Vannesson C, **Topilsky Y**, Juthier F, Trochu J-N, Enriquez-Sarano M, Bauters C.

Right ventricular systolic function in organic mitral regurgitation: impact of biventricular impairment.

Circulation. 2013;127(15):1597-1608.

(CARDIAC & CARDIOVASCULAR SYSTEMS 2/125, IF=14.948, No of citations 4).

36. Shacham Y, Leshem-Rubinow E, Ben Assa E, Rogowski O, **Topilsky Y**, Roth A, Steinvil A.

Comparison of C-Reactive Protein and Fibrinogen Levels in Patients Having Anterior Wall ST-Segment Elevation Myocardial Infarction With Versus Without Left Ventricular Thrombus (From a Primary Percutaneous Coronary Intervention Cohort).

Am J Cardiol. 2013;112(1):57-60.

(CARDIAC & CARDIOVASCULAR SYSTEMS 39/125, IF=3.425, No of citations 0).

37. Shacham Y, Leshem-Rubinow E, Ben Assa E, Rogowski O, **Topilsky Y**, Roth A, Steinvil A.

Frequency and correlates of early left ventricular thrombus formation following anterior wall acute myocardial infarction treated with primary percutaneous coronary intervention.

Am J Cardiol. 2013;111(5):667-670.

(CARDIAC & CARDIOVASCULAR SYSTEMS 39/125, IF=3.425, No of citations 2).

38. **Topilsky Y**, Vaturi O, Watanabe N, Bichara V, Nkomo VT, Michelena H, Le Tourneau T, Mankad SV, Park S, Capps MA, Suri R, Pislaru SV, Maalouf J, Yoshida K, Enriquez-Sarano M.
Real-time 3-dimensional Dynamics of Functional Mitral Regurgitation: A Prospective Quantitative and Mechanistic Study.
JAHA - Journal of American Heart Association 2013;2(3):e000039.
(CARDIAC & CARDIOVASCULAR SYSTEMS 47 /125IF=2.882, No of citations 2).
39. Maltais S, Tchantchaleishvili V, Schaff HV, Daly RC, Suri RM, Dearani JA, **Topilsky Y**, Stulak JM, Joice LD, Park SJ.
Management of Severe Ischemic Cardiomyopathy: left ventricular assist device as destination therapy versus Conventional Bypass and Mitral Valve Surgery.
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(CARDIAC & CARDIOVASCULAR SYSTEMS 28/125, IF=3.991, No of citations 0).
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B.1. Articles Submitted

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B.2. CASE REPORTS**B.2. Case Reports published**

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Left ventricular assist device implantation in a patient who had previously undergone apical myectomy for hypertrophic cardiomyopathy.
J Cardiovasc Surg. 2012 Mar;27(2):266-8.
7. Daly RC, **Topilsky Y**, Joyce L, et al.
Combined heart and liver transplantation: protection of the cardiac graft from

antibody rejection by initial liver implantation.
Transplantation. Jan 27 2013;95(2):e2-4.

B.2. Case Reports Accepted

B.2. Case Reports Submitted

B.3. REVIEW ARTICLES

B.3. Review Articles Published

1. Michelena HI, Bichara VM, Margaryan E, Forde I, **Topilsky Y**, Suri R, et al.
Progress in the treatment of severe mitral regurgitation.
Rev Esp Cardiol. 2010 Jul;63.820-31:(7).
 2. **Topilsky Y**, Suri R, Schaff HV, Enriquez-Sarano M.
When to intervene for asymptomatic mitral valve regurgitation.
Semin Thorac Cardiovasc Surg. 2010 Autumn;22(3):216-24.
 3. Le Tourneau T, Piriou N, Donal E, Deswarte G, **Topilsky Y**, Lamblin N ,et al.
Imaging and modern assessment of the right ventricle.
Minerva Cardioangiol. 2011 Aug;59(4):349-73.
 4. Michelena HI, **Topilsky Y**, Suri R, Enriquez-Sarano M.
Degenerative mitral valve regurgitation: understanding basic concepts and new developments.
Postgrad Med. 2011 Mar;123(2):56-69.
 5. **Topilsky Y**, Grigioni F, Enriquez-Sarano M.
Quantitation of mitral regurgitation.
Semin Thorac Cardiovasc Surg. 2011 Summer;23(2):106-14.
 6. **Topilsky Y**, Maltais S, Oh JK, Atchison FW, Perrault LP, Carrier M, et al.
Focused review on transthoracic echocardiographic assessment of patients with continuous axial left ventricular assist devices.
Cardiol Res Pract. 2011;2011:187434.
 7. Man A, Keren G, **Topilsky Y**.
Cardio pulmonary stress test – Physiological basis and key variables.
Harefuah. 2013 Dec;152(12):725-8, 752.
 8. Messika-Zeitoun D, **Topilsky Y**, Enriquez-Sarano M.
The role of echo in the management of patients with myxomatous disease.
Cardiology Clinics. 2013; 31(2):217-29.
 9. Man A, Keren G, **Topilsky Y**.
Cardio pulmonary stress test – interpretation and clinical indications.
Harefuah. 2014;153:92-96, 126.
-

10. Pressman GS, Movva R, **Topilsky Y**, Clavel MA, Saldanha JA, Watanabe N, Enriquez-Sarano M.
Three-Dimensional Echocardiography: A Powerful New Tool in the Evaluation of Mitral Annular Structure and Dynamics.
J Am Soc Echocardiogr. 2015;28(10):1256-7.
11. **Topilsky Y**.
Indications for surgery for tricuspid regurgitation.
Interventional Cardiology Review 2015; 10(1):58-60.
12. Suri RM, **Topilsky Y**.
The role of cognitive dissonance in the management of functional tricuspid regurgitation at the time of degenerative mitral valve repair.
J Thorac Cardiovasc Surg. 2014; 148(6):2810-2.
13. Topilsky Y. Tricuspid valve regurgitation:epidemiology and pathophysiology.
Minerva Cardioangiol. 2018 Mar;28 ahead of print.
14. Dvir D, Bourguignon T, Otto CM, Hahn RT, Rosenhek R, Webb JG, Treede H, Sarano ME, Feldman T, Wijeyesundera HC, **Topilsky Y**, Aupart M, Reardon MJ, Mackensen GB, Szeto WY, Kornowski R, Gammie JS, Yoganathan AP, Arbel Y, Borger MA, Simonato M, Reisman M, Makkar RR, Abizaid A, McCabe JM, Dahle G, Aldea GS, Leipsic J, Pibarot P, Moat NE, Mack MJ, Kappetein AP, Leon MB; VIVID (Valve in Valve International Data) Investigators.
Standardized definition of structural valve degeneration for surgical and transcatheter bioprosthetic aortic valves.
Circulation. 2018;137(4):388-399.
(CARDIAC & CARDIOVASCULAR SYSTEMS 2/128, IF=19.30, No of citations 2).
15. Michelena HI, Chandrasekaran K, **Topilsky Y**, Messika-Zeitoun D, Corte AD, Evangelista A, Schäfers HJ, Enriquez-Sarano M; BAVCon. The bicuspid aortic valve condition: The critical role of echocardiography and the case for a standard nomenclature consensus.
Prog Cardiovasc Dis. 2018 Nov 5 (Epub ahead of print)
(CARDIAC & CARDIOVASCULAR SYSTEMS 14/128, IF=6.75, No of citations 0).
16. Messika-Zeitoun D, Oh JK, **Topilsky Y**, Burwash I, Michelena HI, Enriquez Sarano M.
Low-Gradient Aortic Stenosis: Solving the Conundrum Using Multi-Modality Imaging
Prog Cardiovasc Dis. 2018 Nov 5 (Epub ahead of print)
(CARDIAC & CARDIOVASCULAR SYSTEMS 14/128, IF=6.75, No of citations 0).
17. **Topilsky Y**, Michelena HI, Messika-Zeitoun D, Enriquez-Sarano M.
Doppler-Echocardiographic Assessment of Tricuspid Regurgitation.
Prog Cardiovasc Dis. 2018 Nov 5 (Epub ahead of print)

(CARDIAC & CARDIOVASCULAR SYSTEMS 14/128, IF=6.75, No of citations 0).

B.3. Review Articles Accepted

B.3. Review Articles Submitted for Publication

C. CHAPTERS IN BOOKS

1. Messika-Zeitoun D, **Topilsky Y**, Enriquez-Sarano M.
The role of echo in the management of patients with myxomatous disease.
In Hung JW, Tan TC, eds. *Cardiology Clinics*.
Elsevier. 2013; 31(2):217-29.

2. **Topilsky Y**, Grigioni F, Enriquez-Sarano M.
Clinical Prognostic Value of Secondary Mitral Valve Regurgitation.
In Fattouch K, Lancellotti P, Angelini GD, eds. *Secondary Mitral Valve Regurgitation*.
London, UK, Springer; 2015:13-18.
3. **Topilsky Y**, Biner S.
Sizing of Aortic Annulus by 3-Dimensional Trans –Esophageal Echocardiography.
In Yosefy C, ed. *Principles of Practical Three-Dimensional Echocardiography*.
Ashkelon, Israel, Pe'er Hakodesh; 2016:229-36.
4. Topilsky Y, Oh JK.
Heart Failure, LVAD, and Transplantation.
In Oh JK, eds. *Oh Echo manual*

D.1.INVITED PAPERS IN SCIENTIFIC MEETINGS

1. Idiopathic Tricuspid Regurgitation.
ACC Scientific Sessions, March 2012. Invited speaker/Faculty.
2. Normal LVAD Findings.
ASE Scientific Sessions, June 2012. Invited speaker/Faculty.
3. Hemodynamics of LVAD.
Samsung Mayo Critical Care Cardiology Symposium July 2012. Invited

Speaker/Faculty.

4. Post operative management of patients with LVAD.
Samsung Mayo Critical Care Cardiology Symposium, July 2012. Invited Speaker/Faculty.
5. Echo in Patients with VADs.
ASE 2013 Scientific Sessions June 2013. Invited speaker/Faculty.
6. Imaging of Tricuspid Regurgitation.
American College of Cardiology Conference, USA, March 2014. Invited speaker Oral Presentation.
7. Echo in LAVD; Echo in CRT optimization; Paradoxical Low Flow Low Gradient Severe Aortic Stenosis.
Brazilian Society of Echocardiography Conference, April 2014. Invited speaker/Faculty Oral Presentations.
8. Outcome and management of Tricuspid Regurgitation.
American Valve Heart Association Conference, USA, May 2014. Invited speaker/Faculty Oral Presentation.
9. RV dysfunction in LVAD patients.
American Society of Echocardiography Conference, USA, June 2014. Invited speaker/Faculty Oral Presentation.
10. May 2015 Monaco European Valve Heart Association Conference. Invited speaker/Faculty Oral Presentation.
11. Echo assessment of LVAD patients.
Padua University, Italy, May 2015. Invited speaker/Faculty Oral Presentation.
12. RV assessment in LVAD patients.
American Society of Echocardiography Conference, Boston USA, June 2015. Invited speaker/Faculty Oral Presentation.
13. Right Ventricle, Assessment of diameters, volumes and mass.
European Society of Echocardiography Conference. Sevilla, Spain. December 2015. Invited speaker/Faculty Oral Presentation.
14. Etiology and natural history of Tricuspid regurgitation.
American Valve Heart Association Conference. USA. March 2016. Invited speaker/Faculty Oral Presentation.
15. Evaluation of TR the Israel Perspective.
58th Annual Conference of the Israel Heart Society, Israel. April 2017. Invited speaker/Faculty Oral Presentation.
16. Natural History of Tricuspid Regurgitation.

Workshop Consensus Manuscript committee. Chicago TR. June 2017.
Invited speaker/Faculty Oral Presentation.

17. Tricuspid Valve Anatomy and Pathophysiology.
TCT Denver USA. October 2017. Invited speaker/Faculty Oral Presentation.
18. Tricuspid Valve in 2017: no longer forgotten.
European Society of Echocardiography Conference. Lisbon, Portugal.
December 2017. Invited speaker/Faculty Oral Presentation.
19. The Right Stuff: Tricuspid and Pulmonic Valve Disease.
American College of Cardiology Conference. USA. April 2018. Invited
speaker/Faculty Oral Presentations.

D.2. PAPERS PRESENTED AT SCIENTIFIC MEETINGS PUBLISHED AS PROCEEDINGS

1. **Topilski I* (Topilsky Y)***, Glick A, Belhassen B.
Idiopathic left ventricular tachycardia with a right bundle branch block morphology and left axis deviation ("Belhassen type"): results of radiofrequency ablation in 18 patients.
Presented at the 51th Annual conference of the Israeli Heart Society, Tel-Aviv, Israel. April 2003 Oral presentation.
2. **Topilski I (Topilsky Y)**, Glick A, Viskin S, Belhassen B.
Frequency of spontaneous and inducible atrioventricular nodal reentry tachycardia in patients with idiopathic outflow tract ventricular arrhythmias.
Presented at the 52th Annual Conference of the Israel Heart Society, Tel-Aviv, Israel. April 2005 Oral presentation.
3. **Topilski I (Topilsky Y)**, Rogowski O, Glick A, Viskin S, Eldar M, Belhassen B. Radiofrequency ablation of atrioventricular nodal reentry tachycardia: a 14- year experience at the Tel-Aviv Medical Center in 901 patients.
Presented at the 53th Annual Conference of the Israel Heart Society, Tel-Aviv, Israel. April 2006 Oral presentation.
4. **Topilski I (Topilsky Y)**, Rogowski O, Rosso R, Justo D, Copperman Y, Glickson M, Belhassen B, Hochenberg M, Viskin S.
The Morphology of the QT Interval Predicts Torsade de Pointes During Acquired Bradyarrhythmias.
Presented at the 54th Annual Conference of the Israel Heart Society, Tel-Aviv, Israel. April 2007 Oral presentation.
5. **Topilski I (Topilsky Y)**, Glick A, Viskin S, Belhassen B.
Catheter-induced mechanical trauma to slow and fast pathways during radiofrequency ablation for AVNRT: incidence, predictors and clinical

implications.

Presented at the 52th Annual Conference of the Israel Heart Society, Tel-Aviv, Israel. April 2007 Oral presentation.

6. **Topilski I (Topilsky Y)**, Glick A, Viskin S, Belhassen B.
Catheter-induced mechanical trauma to slow and fast pathways during radiofrequency ablation for AVNRT: incidence, predictors and clinical implications.
Presented at the 52th Annual Conference of the Israel Heart Society, Tel-Aviv, Israel. April 2007 Oral presentation.
7. **Topilsky Y**, Enriquez-Sarano M.
Mechanism of functional, isolated tricuspid regurgitation A quantitative clinical study.
Presented at the European Society of Cardiology Congress, April 2009 Poster presentation
8. **Topilsky Y** and Sarano ME.
Contrasting Mechanisms of Functional TR With and Without Pulmonary Hypertension.
Presented at the American Heart Association Conference, USA. November 2009 Poster presentation.
9. **Topilsky Y**, Enriquez-Sarano M.
Respiratory variation of tricuspid regurgitation: novel physiologic on the plasticity of right sided cardiac cavities.
Presented at the American College of Cardiology Conference, USA. March 2010 Poster Presentation.
10. Boilson BA, Schirger JA, **Topilsky Y**, Durham LA, Kushwaha SS, Joyce LD, Daly RC, Edwards SJ.
Have LVADs rendered fixed pulmonary hypertension in heart failure a vestige of the past?
Presented at the American College of Cardiology Conference, USA. March 2010 Poster Presentation.
11. **Topilsky Y**, Boilson B, Sung K, Durham L, Daly R, Kushwaha SS, Pereira N, Park S.
Factors Influencing Hospital LOS following successful LVAD therapy.
Presented at the American College of Cardiology Conference, USA. March 2010 Poster presentation.
12. **Topilski I (Topilsky Y)** Enriquez-Sarano M.
Quantitative Determinants of the Outcome of Idiopathic Tricuspid

Regurgitation.

Presented at the American Valve Heart Association Conference, USA. April 2010 Oral Presentation.

13. **Topilsky Y**, Oh JK, Atchison FW, Shah DK, Boilson B, Schirger JA, Kushwaha SS, Edwards BS, Pereira NL, and Park SJ.
Transthoracic Echocardiographic Assessment of Normal Left Ventricular Assist Device Function.
Presented at the American Heart Association Conference, USA. November 2010 Poster Presentation.
14. Schirger JA, **Topilsky Y**, Edwards BS, Kushwaha SS, Boilson B, Daly R, Joyce L, Burnett JC, Chen HH, Durham L, and Park SJ.
Improved Renal Function With Continuous Flow Left Ventricular Assist Support is Associated With Aortic Valve Opening at 3 Months.
Presented at the American Heart Association Conference, USA. November 2010 Oral Presentation.
15. **Topilsky Y** and Enriquez Sarano M.
Should Patients with End Systolic MR be graded on the Basis of Effective regurgitant Orifice?
Presented at the American College of Cardiology Conference, USA. April 2011 Poster Presentation.
16. **Topilsky Y** and Enriquez Sarano M.
Outcome of Functional Tricuspid Regurgitation in Patients with Systolic Dysfunction. Presented at the American College of Cardiology Conference, USA. April 2011 Oral Presentation
17. **Topilsky Y**, Shah DK, Boilson B, Schirger JA, Kushwaha SS, Clavell AL, Frantz RP, Edwards BS, Edwards SJ, Pereira NL.
Hemodynamic Consequences of LVAD Therapy in Patients with Restrictive and Hypertrophic Cardiomyopathy.
Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Poster Presentation.
18. **Topilsky Y**, Pereira NL, Shah DK, Boilson B, Schirger JA, Kushwaha SS, Edwards SJ.
LVAD Therapy in Patients with Restrictive and Hypertrophic Cardiomyopathy. Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Poster Presentation.
19. **Topilsky Y**, Raichlin E, Boilson BA, Schirger JA, Pereira NL, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Daly RC, Lerman A, Kushwaha SS.

Utilization of Sirolimus as Primary Immunosuppression Attenuates Cardiac Allograft Vasculopathy and Improves Late Survival in the Heart Transplant Population.

Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Oral Presentation.

20. Maltais S, McKellar SH, Hasin T, **Topilsky Y**, Tsutsui R, Joyce LD, Daly RC, Kushwaha SS, Edwards SJ.

Tricuspid Valve Insufficiency in Patients with Axial-flow Left Ventricular Assist Devices.

Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Oral Presentation.

21. Hasin T, **Topilsky Y**, Li Z, Schirger JA, Boilson BA, Clavell AL, Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Joyce L, Daly R, Edwards SJ, Kushwaha SS.

Predictors of Renal Function Improvement Following Implantation of Continuous Flow Left Ventricular Assist Device.

Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Poster Presentation.

22. Hasin T, **Topilsky Y**, Boilson BA, Schirger JA, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Joyce L, Daly R, Kushwaha SS, Edwards SJ, Pereira NL.

Impaired Exercise Tolerance after Continuous Axial Flow Pump Implantation Is Associated with Reduced Survival.

Presented at the International Society of Heart and Lung Transplantation Conference, USA. May 2011 Poster Presentation.

23. **Topilsky Y**, MD, Gandhi MJ, MD, Hasin T, MD, Raichlin E, MD, Maltais S, MD, Boilson BA, MD, Schirger JA, MD, Edwards BS, MD, Clavell AL, MD, Rodeheffer RJ, MD; Frantz RP, MD, Joyce L, MD, Park S, MD, Daly RC, MD, Kushwaha SS, MD, Lerman A, MD, Pereira NL, MD.

Donor specific alloantibodies to HLA II antigens result in accelerated cardiac allograft vasculopathy – A 3-D volumetric IVUS study.

Presented at the American Heart Association Conference, USA. November 2011 Poster Presentation

24. Liu M, Lin G, **Topilsky Y**, Hasin T, Boege MA, Kushwaha SS, Oh JK, Park SJ, Miller FA, Frantz RP, Brady PA.

Decreased Right Ventricular Strain Before Left Ventricular Assist Device Implantation is Associated With Adverse Early Outcome.

Presented at the American Heart Association Conference, USA. November 2011 Poster Presentation.

25. **Topilsky Y**, Raichlin E, Hasin T, Boilson BA, Schirger JA, Pereira NL, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Gandhi MJ, Maltais S, Edwards SJ, Daly RC, Lerman A, Kushwaha SS.
Combined Heart and Liver Transplant Attenuates Cardiac Allograft Vasculopathy with Decreased Coronary Related Cardiac Events Compared to Isolated Heart Transplantation.
Presented at the International Society of Heart and Lung Transplantation Conference, USA. April 2012 Poster Presentation
26. Hasin T, Marmor Y, **Topilsky Y**, Schirger JA, Boilson BA, Clavell AL, Rodeheffer RJ, Frantz RP, Edwards BS, Pereira NL, Joyce L, D. Richard, Edwards SJ, Kushwaha SS.
Readmissions Following Implantation of Axial Flow Left Ventricular Assist Devices.
Presented at the International Society of Heart and Lung Transplantation Conference, USA. April 2012 Poster Presentation.
27. **Topilsky Y**, Enriquez-Sarano M.
Mitral Annular Dynamics in Functional Mitral Regurgitation: New Insights with Real-time 3-dimensional Echocardiography.
Presented at the American Valve Heart Association Conference, USA. April 2012 Oral Presentation.
28. **Topilsky Y**, Enriquez-Sarano M.
Papillary Muscle Dynamics in Functional Mitral Regurgitation: New Insights with Real-time 3-Dimensional Echocardiography.
Presented at the American Valve Heart Association Conference, USA. April 2012 Oral Presentation.
29. Hasin T, Kamath P, Kremers W, **Topilsky Y**, Schirger J, Boilson B, Clavell A, Rodeheffer R, Frantz R, Edwards B, Pereira N, Joyce L, Daly R, Park S, Kushwaha S.
Hyperbilirubinemia after Axial Flow Left ventricular Assist Device Implantation is Associated with Increased Mortality.
Presented at the American Valve Heart Association Conference, USA. April 2012 Poster Presentation.
30. Hasin T, **Topilsky Y**, Schirger J, Li Z, Boilson B, Clavell A, Rodeheffer R, Frantz R, Edwards B, Pereira N, Joyce L, Daly R, Park S, Kushwaha S.
Late Decline in Renal Function Following Implantation of Continuous Flow Left Ventricular Assist Devices.
Presented at the American Valve Heart Association Conference, USA. April 2012 Poster Presentation.
31. Hasin T, **Topilsky Y**, Li Z, Schirger JA, Boilson BA, Clavell AL, Rodeheffer

RJ, Frantz RP, Edwards BS, Pereira NL, Joyce L, Daly R, Edwards SJ, Kushwaha SS.

Predictors of Renal Function Improvement Following Implantation of Continuous Flow Left Ventricular Assist Device.

Presented at the American Valve Heart Association Conference, USA. April 2012 Poster Presentation.

32. Hasin T, **Topilsky Y**, Kremers W, Boilson BA, Schirger JA, Edwards BS, Clavell AL, Rodeheffer RJ, Frantz RP, Joyce L, Daly R, Kushwaha SS, Edwards SJ, Pereira NL. Impaired 6 Minute Walk Test after Continuos Axial Flow Left Ventricular Device Implantation Is Associated with Reduced Survival.

Presented at the American Valve Heart Association Conference, USA. April 2012 Poster Presentation.

33. **Topilsky Y**, Michelena H, Mahoney D, Enriquez-sarano M.

Burden of tricuspid regurgitation in the community.

European Valve Heart Association Conference. Italy. June 2013. Oral Presentation.

34. **Topilsky Y**.

Case Illustration: When things go wrong.

American Society of Echocardiography Conference. USA, June 2013. Oral Presentation.

35. **Topilsky Y**.

Tricuspid Regurgitation.

American College of Cardiology Conference. USA, March 2014. Oral Presentations.

36. **Topilsky Y**.

Echo in LVAD.

Brazilian Society of Echocardiography Conference. Brazil, April 2014. Presentation.

37. **Topilsky Y**.

Paradoxical low flow low gradient aortic stenosis.

Brazilian Society of Echocardiography Conference. Brazil, April 2014. Presentation.

38. **Topilsky Y**.

Tricuspid Regurgitation- what to do and when.

American Valve Heart Association Conference. USA, May 2014. Oral Presentation.

39. **Topilsky Y.**
Tricuspid Regurgitation- Still the forgotten valve?
American Society of Echocardiography Conference. USA, June 2014. Oral Presentation.
40. **Topilsky Y.**
Etiology and natural history of Tricuspid regurgitation.
European Valve Heart Association Conference. Monaco, May 2015. Oral Presentation.
41. **Topilsky Y.**
Echo in LVAD patients.
Padua University. Italy, May 2015. Oral Presentation.
42. **Topilsky Y.**
Importance of the right ventricle in LVAD patients.
American Society of Echocardiography Conference. Portland, USA, June 2015. Oral Presentation.
43. **Topilsky Y.**
Right ventricular function and prognosis in candidates to LVAD implantation. European Society of Echocardiography Conference. Sevilla, Spain. December 2015. Oral Presentation.
44. **Topilsky Y, ZR Rozenbaum, KS Khoury, GK Keren.**
The use of combined echo and cardio-pulmonary stress for discriminating cardiac problems from de-conditioning in patients with dyspnea.
European Society of Echocardiography Conference. Leipzig, Germany. December 2016. Oral Presentation.
European Heart Journal Supplements (2016) 17 (Supplement 2)
45. **Topilsky Y, Zusman O.** Intervention versus Observation in Symptomatic Patients with Normal Flow-Low Gradient Severe Aortic Stenosis.
European Valve Heart Association Conference. Monaco, March 2017. Moderated Poster Presentation.
46. **Topilsky Y.**
Tricuspid Regurgitation- the Israeli perspective.
58th Annual Conference of the Israel Heart Society. Israel, April 2017. Oral Presentation.
47. **Rothschild U, Topilsky Y.**
Impact of RV Dysfunction and End-Diastolic Pulmonary Artery Pressure Estimated From Analysis of Tricuspid Regurgitant Velocity Spectrum in

Patients With Preserved Ejection Fraction.
American College of Cardiology Conference. Washington, USA April 2017.
Poster Presentation.

48. **Topilsky Y.**

Epidemiology, pathogenesis and Natural History of TR in the Current Era.
TR Workshop Consensus Manuscript Committee. Chicago, USA, June 2017.
Oral Presentation.

49. **Topilsky Y.**

Who are reasonable (and unreasonable) candidates for surgical or trans-catheter intervention?
TCT. Denver, USA. October 2017. Oral Presentation.

50. **Topilsky Y.**

Tricuspid valve: the tethering concept.
International day of Monaco Cardio thoracic Center. Monaco France
November 2017. Oral Presentation.

51. **Topilsky Y.**

Epidemiology, pathogenesis and Natural History of TR.
International day of Monaco Cardio thoracic Center. Monaco France
November 2017. Oral Presentation.

52. Yogev, **Topilsky Y.**

Quantitative Assessment of Effective Regurgitant Orifice- Impact on Risk Stratification, and Cut-off for Severe and Torrential Tricuspid Regurgitation Grade.
EuroEcho. Lisbon, Portugal, December 2017.

D.3. ABSTRACTS

E. ITEMS IN ENCYCLOPEDIAS

F. BOOKS EDITED

G. OTHER PUBLICATIONS (Encyclopedias; Reports; Letter to Editors)

Invited commentaries

1. **Topilsky y.** Grading mitral valve prolapsed with late systolic regurgitation using automated intensity analysis of continuous wave Doppler.
Int J Cardiol. 2018 ahead of print.
(CARDIAC & CARDIOVASCULAR SYSTEMS /128, IF=6.18, No of citations 0).
2. Topilsky y. Mitral plasticity: possible target for intervention in patients with

ischaemic mitral regurgitation?

**IF 8.336; CARDIAC & CARDIOVASCULAR SYSTEMS 10/126-Q1;
RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING 2/128-
Q1; Cited:0.**

H. Member of Editorial Board/ Reviewer (International Journals)

2015-present Member of Editorial Board, Trends in Cardiovascular Medicine (IF 4.6).

2017-present Member of Editorial Board, European Heart Journal Cardiovascular Imaging (IF 8.33).

2011-present Ad hoc Reviewer Heart and Lung.

2012-present Ad hoc Reviewer JACC Imaging.

2012-present Ad hoc Reviewer Echocardiography.

2012-present Ad hoc Reviewer IMAJ.

2015-present Ad hoc Reviewer European Heart Journal.

2015-present Ad hoc Reviewer Circulation Imaging.

2015-present Ad hoc Reviewer JTCVS.

2016-present Ad hoc Reviewer AJC.

2017-present Ad hoc Reviewer JHLT.

2017-present Ad hoc Reviewer Circulation.

2017-present Ad hoc Reviewer JACC.

2017-present Ad hoc Reviewer European Heart Journal Cardiovascular Imaging.