

Avishay Grupper MD

Articles Published

- B1-1 **Grupper A**, Grupper A, Rudin D, Drenger B, Varon D, Gilon D, Gielchinsky Y, Menashe M, Mintz Y, Rivkind A, Brezis M.
Prevention of perioperative venous thromboembolism and coronary events: differential responsiveness to an intervention program to improve guidelines adherence.
Int J Qual Health Care. 2006; 18(2):123-126.
PMID:16234299 doi: 10.1093/intqhc/mzi083
(HEALTH POLICY & SERVICES 14/79, IF 2.554, Q1)
Times Cited: 9 (from Web of Science Core Collection)
- B1-2 Schwartz IF, Chernichovski T, Krishtol N, **Grupper A**, Laron I, Schwartz D.
Sexual dimorphism in glomerular arginine transport affects nitric oxide generation in old male rats.
Am J Physiol Renal Physiol. 2009; 297(1):F80-84.
PMID:19420114 doi: 10.1152/ajprenal.00020.2009
(UROLOGY & NEPHROLOGY 20/76, IF 3.164, Q2)
Times Cited: 11 (from Web of Science Core Collection)
- B1-3 Schwartz IF, Grupper A, Chernichovski T, **Grupper A**, Hillel O, Engel A, Schwartz D.
Hyperuricemia attenuates aortic nitric oxide generation, through inhibition of arginine transport, in rats.
J Vasc Res. 2011; 48(3):252-260.
PMID:21099230 doi: 10.1159/000320356
(PHYSIOLOGY 54/83, IF 2.029, Q3)
Times Cited: 29 (from Web of Science Core Collection)
- B1-4 Abu Sham'a R, Buber J, **Grupper A**, Nof E, Kuperstein R, Luria D, Feinberg MS, Eldar M, Glikson M.
Effects of tricuspid valve regurgitation on clinical and echocardiographic outcome in patients with cardiac resynchronization therapy.
Europace. 2013; 15(2):266-272.
PMID:22952208 doi: 10.1093/europace/eus286
(CARDIAC & CARDIOVASCULAR SYSTEMS 25/128, IF 5.231, Q1)
Times Cited: 8 (from Web of Science Core Collection)
- B1-5 Naftali-Shani N, Itzhaki-Alfia A, Landa-Rouben N, Kain D, Holbova R, Adutler-Lieber S, Molotski N, Asher E, **Grupper A**, Millet E, Tessone A, Winkler E, Kastrup J, Feinberg MS, Zipori D, Pevsner-Fischer M, Raanani E, Leor J.
The origin of human mesenchymal stromal cells dictates their reparative properties.
J Am Heart Assoc. 2013; 2(5):e000253.
PMID:24080908 doi: 10.1161/jaha.113.000253
(CARDIAC & CARDIOVASCULAR SYSTEMS 36/128, IF 4.45, Q2)

Times Cited: 22 (from Web of Science Core Collection)

- B1-6 Buber J, Luria D, Sternik L, Kuperstein R, **Grupper A**, Goldenberg I, Raanani E, Feinberg MS, Nof E, Eldar M, Glikson M.
Morphological features of the P-waves at surface electrocardiogram as surrogate to mechanical function of the left atrium following a successful modified maze procedure.
Europace. 2014; 16(4):578-586.
PMID:23989534 doi: 10.1093/europace/eut248
(CARDIAC & CARDIOVASCULAR SYSTEMS 25/128, IF 5.231, Q1)
Times Cited: 4 (from Web of Science Core Collection)
- B1-7 Maor E, Beigel R, **Grupper A**, Kuperstein R, Hai I, Medvedofsky D, Perelstein O, Mazin I, Ziv A, Goldenberg I, Feinberg MS, Ben Zekry S.
Relation between stroke volume index to risk of death in patients with low-gradient severe aortic stenosis and preserved left ventricular function.
Am J Cardiol. 2014; 114(3):449-455.
PMID:24948491 doi: 10.1016/j.amjcard.2014.05.014
(CARDIAC & CARDIOVASCULAR SYSTEMS 49/128, IF 3.171, Q2)
Times Cited: 6 (from Web of Science Core Collection)
- B1-8 **Grupper A***, Beigel R*, Maor E*, Kuperstein R, Hai I, Perelshtein O, Goldenberg I, Feinberg M, Ben Zekry S. ***Equal contribution**
Survival after intervention in patients with low gradient severe aortic stenosis and preserved left ventricular function.
J Thorac Cardiovasc Surg. 2014; 148(6):2823-2827.
PMID:24787695 doi: 10.1016/j.jtcvs.2014.03.039
(CARDIAC & CARDIOVASCULAR SYSTEMS 28/128, IF 4.88, Q1)
Times Cited: 7 (from Web of Science Core Collection)
- B1-9 Killu AM*, **Grupper A***, Friedman PA, Powell BD, Asirvatham SJ, Espinosa RE, Luria D, Rozen G, Buber J, Lee YH, Webster T, Brooke KL, Hodge DO, Wiste HJ, Glikson M, Cha YM. ***Equal contribution**
Predictors and outcomes of "super-response" to cardiac resynchronization therapy.
J Card Fail. 2014; 20(6):379-386.
PMID:24632340 doi: 10.1016/j.cardfail.2014.03.001
(CARDIAC & CARDIOVASCULAR SYSTEMS 42/128, IF 3.942, Q2)
Times Cited: 18 (from Web of Science Core Collection)
- B1-10 **Grupper A**, Park SJ, Pereira NL, Schettle SD, Gerber Y, Topilsky Y, Edwards BS, Daly RC, Stulak JM, Joyce LD, Kushwaha SS.
Role of ventricular assist therapy for patients with heart failure and restrictive physiology: Improving outcomes for a lethal disease.
J Heart Lung Transplant. 2015; 34(8):1042-1049.
PMID:25940074 doi: 10.1016/j.healun.2015.03.012
(CARDIAC & CARDIOVASCULAR SYSTEMS 12/128, IF 7.955, Q1)
Times Cited: 15 (from Web of Science Core Collection)

- B1-11 **Grupper A***, Killu AM*, Friedman PA, Abu Sham'a R, Buber J, Kuperstein R, Rozen G, Asirvatham SJ, Espinosa RE, Luria D, Webster TL, Brooke KL, Hodge DO, Wiste HJ, Cha YM, Glikson M. ****Equal contribution***
Effects of tricuspid valve regurgitation on outcome in patients with cardiac resynchronization therapy.
Am J Cardiol. 2015; 115(6):783-789.
PMID:25638518 doi: 10.1016/j.amjcard.2014.12.046
(CARDIAC & CARDIOVASCULAR SYSTEMS 49/128, IF 3.171, Q2)
Times Cited: 6 (from Web of Science Core Collection)
- B1-12 **Grupper A**, Zhao YM, Sajgalik P, Joyce LD, Park SJ, Pereira NL, Stulak JM, Burnett JC, Jr., Edwards BS, Daly RC, Kushwaha SS, Schirger JA. Effect of Neurohormonal Blockade Drug Therapy on Outcomes and Left Ventricular Function and Structure After Left Ventricular Assist Device Implantation.
Am J Cardiol. 2016; 117(11):1765-1770.
PMID:27079215 doi: 10.1016/j.amjcard.2016.03.011
(CARDIAC & CARDIOVASCULAR SYSTEMS 49/128, IF 3.171, Q2)
Times Cited: 0 (from Web of Science Core Collection)
- B1-13 **Grupper A**, Nativi-Nicolau J, Maleszewski JJ, Geske JR, Kremers WK, Edwards BS, Kushwaha SS, Pereira NL. Circulating Galectin-3 Levels Are Persistently Elevated After Heart Transplantation and Are Associated With Renal Dysfunction.
JACC Heart Fail. 2016; 4(11):847-856.
PMID:27614937 doi: 10.1016/j.jchf.2016.06.010
(CARDIAC & CARDIOVASCULAR SYSTEMS 11/128, IF 8.202, Q1)
Times Cited: 6 (from Web of Science Core Collection)
- B1-14 **Grupper A***, Grupper A*, Daly RC, Pereira NL, Hathcock MA, Kremers WK, Cosio FG, Edwards BS, Kushwaha SS. ****Equal contribution***
Renal Allograft Outcome After Simultaneous Heart and Kidney Transplantation.
Am J Cardiol. 2017; 120(3):494-499.
PMID:28602210 doi: 10.1016/j.amjcard.2017.05.006
(CARDIAC & CARDIOVASCULAR SYSTEMS 49/128, IF 3.171, Q2)
Times Cited: 2 (from Web of Science Core Collection)
- B1-15 Killu AM, Mazo A, **Grupper A**, Madhavan M, Webster T, Brooke KL, Hodge DO, Asirvatham SJ, Friedman PA, Glikson M, Cha YM. Super-response to cardiac resynchronization therapy reduces appropriate implantable cardioverter defibrillator therapy.
Europace. 2018 Aug 1;20(8):1303-1311. doi:10.1093/europace/eux235.
PubMed PMID: 29016821.
(CARDIAC & CARDIOVASCULAR SYSTEMS 30/136, IF 5.047, Q1)
Times Cited: 6 (from Web of Science Core Collection)
- B1-16 Nestorovic EM, **Grupper A**, Joyce LD, Milic NM, Stulak JM, Edwards BS, Pereira NL, Daly RC, Kushwaha SS.

Effect of Pretransplant Continuous-Flow Left Ventricular Assist Devices on Cellular and Antibody-Mediated Rejection and Subsequent Allograft Outcomes.

Am J Cardiol. 2017 Feb 1;119(3):452-456. doi: 10.1016/j.amjcard.2016.10.020. Epub 2016 Nov 1. PubMed PMID: 27939231.

(CARDIAC & CARDIOVASCULAR SYSTEMS 49/128, IF 3.171, Q2)

Times Cited: 1 (from Web of Science Core Collection)

- B1-17 Hasin T, **Grupper A**, Dillon JJ, Maleszewski JJ, Li Z, Topilsky Y, Frantz RP, Edwards BS, Pereira NL, Maltais S, Stulak JM, Joyce L, Daly R, Park SJ, Kushwaha SS.
Early Gains in Renal Function Following Implantation of HeartMate II Left Ventricular Assist Devices May Not Persist to One Year.
Asaio j. 2017; 63(4):401-407.
PMID:28114196 doi: 10.1097/mat.0000000000000511
(TRANSPLANTATION 16/25, IF 1.842, Q3)
Times Cited: 2 (from Web of Science Core Collection)

- B1-18 **Grupper A***, Grupper A*, Daly RC, Pereira NL, Hathcock MA, Kremers WK, Cosio FG, Edwards BS, Kushwaha SS. **Equal contribution*
Kidney transplantation as a therapeutic option for end-stage renal disease developing after heart transplantation.
J Heart Lung Transplant. 2017; 36(3):297-304.
PMID:27642059 doi: 10.1016/j.healun.2016.08.004
(CARDIAC & CARDIOVASCULAR SYSTEMS 12/128, IF 7.955, Q1)
Times Cited: 4 (from Web of Science Core Collection)

- B1-19 Kalter-Leibovici O, Freimark D, Freedman LS, Kaufman G, Ziv A, Murad H, Benderly M, Silverman BG, Friedman N, Cukierman-Yaffe T, Asher E, **Grupper A**, Goldman D, Amitai M, Matetzky S, Shani M, Silber H.
Disease management in the treatment of patients with chronic heart failure who have universal access to health care: a randomized controlled trial.
BMC Med. 2017; 15(1):90.
PMID:28457231 doi: 10.1186/s12916-017-0855-z
(MEDICINE, GENERAL & INTERNAL 10/154, IF 9.088, Q1)
Times Cited: 3 (from Web of Science Core Collection)

- B1-20 Goitein O, Fink N, Guetta V, Beinart R, Brodov Y, Konen E, Goitein D, Di Segni E, **Grupper A**, Glikson M.
Printed MDCT 3D models for prediction of left atrial appendage (LAA) occluder device size: a feasibility study.
EuroIntervention. 2017; 13(9):e1076-e1079.
PMID:28506939 doi: 10.4244/eij-d-16-00921
(CARDIAC & CARDIOVASCULAR SYSTEMS 37/128, IF 4.417, Q2)
Times Cited: 3 (from Web of Science Core Collection)

- B1-21 Grupper A, Schwartz D, Berliner S, Shashar M, **Grupper A**, Baruch R, Schwartz IF, Weinstein T, Ben-Bassat OK, Rogowski O, Zeltser D, Shapira I, Shenhar-Tsarfaty S.

Normal-range albuminuria in healthy subjects increases over time in association with hypertension and metabolic outcomes.

J Am Soc Hypertens. 2018 Nov;12(11):759-767. doi:

10.1016/j.jash.2018.08.003. **Epub 2018 Aug 23. PubMed PMID: 30219648.**

(PERIPHERAL VASCULAR DISEASE 35/65, IF 2.615, Q3)

B1-22 **Grupper A**, Abouezzedine OF, Maleszewski JJ, Grupper A, Geske JR, Kremers WK, Kushwaha SS, Pereira NL.

Elevated ST2 levels are associated with antibody-mediated rejection in heart transplant recipients.

Clin Transplant. 2018 Sep;32(9):e13349. doi: 10.1111/ctr.13349. Epub 2018 Jul 26. PubMed PMID: 29998506.

(SURGERY 113/203, IF 1.667, Q3)

Times Cited: 2 (from *Web of Science Core Collection*)

B1-23 Grupper A, Shashar M, Weinstein T, Kliuk Ben Bassat O, Levy S,

Schwartz IF, Angel A, Baruch A, **Grupper A**, Chernin G, Schwartz D.

Ultrapure Filter does not Confer Short-Term Benefits over Two Reverse Osmosis Systems in Chronic Hemodialysis Patients.

Isr Med Assoc J. 2019 Jan;21(1):5-9. PubMed PMID:30685897.

(MEDICINE, GENERAL & INTERNAL 125/160 IF 0/828 Q4)

Times Cited: 1 (from *Web of Science Core Collection*)

B1-24 Beigel R, Mazin I, Goitein O, Herscovici R, Natanzon S, Chernomordik F, Ben-Zekry S, Fefer P, **Grupper A**, Matetzky S.

Intermediate-risk pulmonary embolism: Aiming to improve patient stratification.

Eur J Intern Med. 2019;65:32-36. doi: 10.1016/j.ejim.2019.04.018. Epub 2019 May 1. PubMed PMID:31054804.

(MEDICINE, GENERAL & INTERNAL 27/160 IF 3.66 Q1)

Times Cited: 2 (from *Web of Science Core Collection*)

- B1-25 Younis A, Matetzky S, Mulla W, Masalha E, Afel Y, Chernomordik F, Fardman A, Goitein O, Ben-Zekry S, Peled Y, **Grupper A**, Beigel R. Epidemiology characteristics and outcome of patients with clinically diagnosed acute myocarditis.
Am J Med. 2019 Nov 8. pii: S0002-9343(19)30957-X. doi: 10.1016/j.amjmed.2019.10.015. [Epub ahead of print] PubMed PMID: 31712098.
(MEDICINE, GENERAL & INTERNAL 20/160 IF 4.76 Q1)
- B1-26 Natanzon S, Matetzky S, Chernomordik F, Mazin I, Herscovici R, Goitein O, Ben-Zekry S, Shlomo N, **Grupper A**, Beigel R. Significance of Syncope at Presentation Among Patients With Pulmonary Emboli.
Am J Cardiol. 2020 Mar 15;125(6):982-987
- B1-27 Fardman A, Livne M, Goldkorn R, Goitein O, Shlomo N, Asher E, **Grupper A**, Naroditsky M, Matetzky S, Beigel R. The Efficacy and Safety of Evaluating Elderly Patients Using a Comprehensive Diagnostic Protocol via a Chest Pain Unit
Intern Emerg Med. 2020 Feb 7. doi: 10.1007/s11739-020-02289-0. Online ahead of print.
- B1-28 Mulla W, Goldenberg I, Klempfner R, Abu Much A, **Grupper A**, Peled Y, Freimark D, Beigel R, Arad M, Younis A. Sex Differences in Clinical Characteristics and 1- And 10-Year Mortality Among Patients Hospitalized With Acute Heart Failure
Am J Med Sci. 2020 May 27;S0002-9629(20)30202-0. doi: 0.1016/j.amjms.2020.05.028. Online ahead of print.
- B1-29 Segev A, Itelman E, Avaky C, Negru L, Shenhav-Saltzman G, **Grupper A**, Wasserstrum Y, Segal G. Low ALT Levels Associated with Poor Outcomes in 8700 Hospitalized Heart Failure Patients.
J Clin Med. 2020 Sep 30;9(10):E3185. doi: 10.3390/jcm9103185.

B.3. REVIEW ARTICLES

- B3-1 Sajgalik P, **Grupper A**, Edwards BS, Kushwaha SS, Stulak JM, Joyce DL, Joyce LD, Daly RC, Kara T, Schirger JA.

Current Status of Left Ventricular Assist Device Therapy.

Mayo Clin Proc. 2016; 91(7):927-940.

PMID:27378038 doi: 10.1016/j.mayocp.2016.05.002

- B3-2 **Grupper A**, Gewirtz H, Kushwaha S.

Reinnervation post-heart transplantation.

Eur Heart J. 2018; 39(20):1799-1806.

PMID:28087606 doi: 10.1093/eurheartj/ehw604

C. CHAPTERS IN BOOKS

- C-1 **Grupper A**, Boilson BA.

Congestive Heart Failure and the Role of Left Ventricular Assist Devices.

In: High K and Pulido JN, editors.

Mechanical Circulatory Support: Ventricular Assist Devices (VADs) and Extracorporeal Membrane Oxygenation (ECMO).

Hershey, PA: A Society of Cardiovascular Anesthesiologists Monograph, 2014.

- C-2 **Grupper A**, Gewirtz H, Kushwaha SS.

Cardiac transplantation: denervation, reinnervation, and myocardial blood flow.

In: Dilsizian V. and Narula J, editors.

Atlas of Cardiac Innervation.

Westmont, NJ: Springer International Publishing, 2016.

- C-3 Younis A, **Grupper A**, Beinart R, Glikson M.

Left-Atrial Appendage Occluders: Recent Advances and Unresolved Issues.

In:: Topaz O, editor

Cardiovascular Thrombus.

Elsevier 2018, chepter 36