

Shemy Carasso, MD

RESUME

(December 9, 2012)

1. PERSONAL DETAILS

Shemy Carasso, MD

Israeli ID #: 06908292-3

Date and place of birth: May 25, 1963, Ankara, Turkey

Additional personal details: 9 Sderot Ha'Nassi, Haifa 34645, Israel

Telephone: 972-77-9309011; 972-52-6394406

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2. ACADEMIC DEGREES

1987, **Medical Doctor** Rappoport School of Medicine, The Technion Israel Institute of Technology, Haifa, Israel

3. ACADEMIC APPOINTMENTS

2011, **Clinical Senior Lecturer**, Rappoport School of Medicine, The Technion Israel Institute of Technology, Haifa, Israel

4. PROFESSIONAL EXPERIENCE

2007 – Date. Staff Cardiologist, Non invasive cardiology unit, Department of cardiology, Rambam Medical Center, Haifa Israel.

2005 – 2007. Clinical research fellow, Hypertrophic cardiomyopathy service and echocardiography, Toronto General Hospital, Toronto, Canada.

2004 – 2005. Echocardiography fellow. Sheba Medical Center, Tel HaShomer, Israel.

1996 – 1998, 2002-2004. Army Service: highest rank - Major

Head of Primary Care Knowledge Management Project, Israel Defense Forces medical corps.

Coordinator of medical services for the northern command

Division Medical Officer (Reserve)

1999 - 2002: Resident in Cardiology, Rambam Medical Center. Haifa Israel

1992 - 1999: Resident in General Internal medicine, Rambam Medical Center.
Haifa Israel

1987-1988: Intern at Rambam Medical Center Haifa, Israel.

1988 - 1992 Army Service: Israeli Defense Forces Medical Officer

Battalion Physician

Brigade Physician

Commander of a large regional multidisciplinary army infirmary: Golan medical center.

5. RESEARCH INTERESTS

1. Myocardial mechanics (using echo strain imaging, 3D):
 - a. Dilated Cardiomyopathy, dyssynchrony and biventricular pacing.
 - b. Valvular heart disease
 - c. Acute myocardial ischemia (during septal ethanol ablation for HCM and in animal studies).
 - d. Mechanics of cardiotoxicity: doxorubicin, infliximab
2. Diastolic function (multi modality): echo (2D, Doppler and strain imaging), MRI
3. Hypertrophic cardiomyopathy: continuing research with the HCM service at the Toronto general hospital and university of Toronto.
4. Adult congenital heart disease: LV and RV mechanics of Fallot tetralogy patients. Echo and MRI strain. Collaboration with ACHD service at the Toronto general hospital and university of Toronto

6. TEACHING EXPERIENCE

Courses:

2007- date **Cardiomyopathies** PGY 1, foreign medical students, Rappaport School of Medicine, The Technion, Israel Institute of technology, Haifa, Israel.

200—date **Valvular heart disease**, 5-6th medical students' clerkship in cardiology. Rappaport School of Medicine, The Technion, Israel Institute of technology, Haifa, Israel.

2002 **Advanced Cardiac Life Support** Course Instructor.

Clerkships:

2007- date **Valvular heart disease, Cardiomyopathies** Med Students in Cardiology, Rappaport School of Medicine, The Technion, Israel Institute of technology, Haifa, Israel.

2001-2002 **Tutor** of Med Students in Cardiology, Rappaport School of Medicine, The Technion, Israel Institute of technology, Haifa, Israel.

1996 **Tutor** of Med Students in Internal Medicine, Rappaport School of Medicine, The Technion, Israel Institute of technology, Haifa, Israel.

7. TECHNION ACTIVITIES

1984-5 Project "PERAKH" – coordinator of student-tutors group

1985-6 Technion Medical students association – deputy head

8. PUBLIC PROFESSIONAL ACTIVITIES

1. **SECRETARY, ISRAEL WORKING GROUP OF CARDIOMYOPATHIES, 2011-2013**
2. Reviewer for the following journals 2007-date:
 - a. Journal of the American society of echocardiography
 - b. Heart (European heart journal)
 - c. The European Journal of heart failure
 - d. Cardiovascular pathology
 - e. Journal of American college of cardiology

9. MEMBERSHIP IN PROFESSIONAL SOCIETIES

- ISRAEL MEDICAL ASSOCIATION,
- ISRAEL HEART SOCIETY,
 - o ISRAEL WORKING GROUP OF ECHOCARDIOGRAPHY, NORTHERN ISRAEL REPRESENTATIVE
 - o ISRAEL WORKING GROUP OF CARDIOMYOPATHIES
- EUROPEAN SOCIETY OF CARDIOLOGY

10. HONORS

Distinguished MD Thesis, 1988 Combining transmural left ventricular mechanics and energetics to predict oxygen demand.

Award for development of a Computerized Patient Record system, Rambam Medical Center, Haifa, Israel. 1994.

IDF Head of Technology and Logistics Command Award for the development of a computerized field information and management system for the Division Medical Officer, Israel Defense Force, 2003.

Israel Heart Society's Meltzer award, 2012, for research achievements in myocardial mechanics and echocardiography

11. STUDENTS AND INSTRUCTION

MD Thesis

2009, Enas Nassar, Hypertrophic cardiomyopathy in the elderly: a local survey. Co-instructor with Prof. Zaher Azzam, MD, DSc (Head of Medicine B, Rambam healthcare campus, Haifa, Israel).

12. RESEARCH GRANTS

2002 – CHIEF SCIENTIST, MINISTRY OF HEALTH – Evaluation of the value of high sensitivity CRP in the assessment and prognosis of acute coronary syndromes. 10,000 NIS.

13. SIGNIFICANT PROFESSIONAL PROJECTS

2003, Development of an on-line knowledge management system for the primary physician (medical officer), Head of the Primary care subsystem development. Undertaken as part of the IDF medical corps KM project, Headed by Colonel Dr. Erez On, IDF deputy Surgeon general. Project supervised and assisted by Ishay Yariv from "K2K – Keys to Knowledge", Tel Aviv.

14. PUBLICATIONS

MD Thesis:

Combining transmural left ventricular mechanics and energetics to predict oxygen demand.

Refereed papers in professional journals:

1. - Basic research (Hypothesis-driven)

1. **Carasso S, Beyar R, Rooke AG, Sideman S, Combining transmural left ventricular mechanics and energetics to predict oxygen demand. *Ann Biomed Eng* 1988;16(5):495-513.**

2. - Clinical research (Hypothesis-driven)

2. **Carasso S, Beyar R, Markiewicz W, Reisner SA, Computerized analysis of myocardial echocardiographic enhancement during coronary revascularization by high-speed rotational atherectomy. *Catheter Cardiovasc Interv* 2000 Jan;49(1):39-44.**
3. **Carasso S, Markiewicz W, Medical treatment of patients with stable angina pectoris referred for coronary angiography: failure of treatment or failure to treat. *Clin Cardiol.* 2002 Sep;25(9):436-41.**
4. **Carasso S, Zur A, Ashkenazi I, On Erez, Levi H, Knowledge Management in Medical Organizations. *Harefuah.* 2005 Jul;144(7):474-9, 527. Hebrew.**
5. **Carasso S, Amir Sandach A, Beinart R, et al, Multivariable Echocardiographic Risk Assessment of Patients with Acute Myocardial Infarction. *Am J Cardiol.* 2005 Jul 1;96(1):25-30.**
6. **Carasso S, Sandach A, Kuperstein R, Schwammenthal E, Glikson M, Luria D, Guetta V, Shechter M, Eldar M, Feinberg MS. Atrial fibrillation in dobutamine stress echocardiography. *Int J Cardiol.* 2006 Jul 28;111(1):53-8.**

7. **Carasso S**, Kuperstein R, Konen E, Glikson M, Feinberg MS. *Plowing the atrium and growing thrombi: Two cases of large atrial thrombi following ablative and surgical procedure for atrial fibrillation.*
Eur J Echocardiogr. 2006 Oct;7(5):383-6.
8. Gurevitz O, Nof E, **Carasso S**, Luria D, Bar-Lev D, Tanami N, Eldar M, Glikson M. *Programmable multiple pacing configurations help to overcome high left ventricular pacing thresholds and avoid phrenic nerve stimulation.*
Pacing Clin Electrophysiol. 2005 Dec;28(12):1255-9.
9. Kuperstein R, Feinberg MS, **Carasso S**, Gilman S, Dror Z, Di Segni E. *The Added Value of Real-time 3-Dimensional Echocardiography in the Diagnosis of Isolated Cleft Mitral Valve in Adults.*
J Am Soc Echocardiogr. 2006 Jun;19(6):811-4.
10. Marai I, Gurevitz O, **Carasso S**, Nof E, Bar-Lev D, Luria D, Arbel Y, Freimark D, Feinberg MS, Eldar M, Glikson M. *Improvement of congestive heart failure by upgrading of conventional to resynchronization pacemakers.*
Pacing Clin Electrophysiol. 2006 Aug;29(8):880-4.
11. **Carasso S**, Woo A, Yang H, Schwartz L, Vannan MA, Michal Jamorski M, Linghorne M, Wigle ED, Rakowski H. *Myocardial Mechanics Explains the Time course of Benefit for Septal Ethanol ablation for Hypertrophic Cardiomyopathy.*
J Am Soc Echocardiogr. 2008 May;21(5):493-9.
12. **Carasso S**, Yang H, Woo A, Mani A, Vannan MA, Jamorski M, Wigle ED, Rakowski H. *Systolic Myocardial Mechanics in Hypertrophic Cardiomyopathy: Novel Concepts and Implications for Clinical Status.*
Am Soc Echocardiogr. 2008 Jun;21(6):675-83.
13. Nof E, Gurevitz O, , **Carraso S**, Bar-Lev D, David Luria D, Bachar S, Eldar M, Glikson M. *Comparison of Results with Different Left Ventricular Pacing Leads.*
Europace. 2008 Jan;10(1):35-9.
14. Tzemos N, Silversides CK, **Carasso S**, Rakowski H, Siu SC. *Left Ventricular Torsion: Possible Adjuvant Myocardial Adaptive Mechanism In Pregnancy But With A Twist.*
Am J Cardiol. 2008 Mar 15;101(6):870-3.
15. **Carasso S**, Rakowski H, Witte KK, Smith P, Carasso D, Garceau P, Sasson Z, Parker JD. *Left ventricular strain patterns in dilated cardiomyopathy predict response to cardiac resynchronization therapy: Timing is not everything.*
J Am Soc Echocardiogr. 2009 Mar;22(3):242-50
16. Tzemos N, Harris L, **Carasso S**, Dos Subira L, Greutmann M, Provost Y, Redington AN, Rakowski H, Siu SC, Silversides CK. *Adverse left ventricular mechanics in adults with repaired tetralogy of fallot.*
Am J Cardiol. 2009 Feb 1;103(3):420-5.
17. **Carasso S**, Cohen O, Mutlak D, Adler Z, Lessick J, Reisner SA, Rakowski H, Bolotin G, Agmon Y. *Differential effects of afterload on left ventricular long- and short-axis function: insights from a clinical model of patients with aortic valve stenosis undergoing aortic valve replacement.*
Am Heart J. 2009 Oct;158(4):540-5.

18. Aronson D, Musallam A, Lessick J, Dabbah S, **Carasso S**, Hammerman H, Reisner S, Agmon Y, Mutlak D. Impact of diastolic dysfunction on the development of heart failure in diabetic patients after acute myocardial infarction. **Circ Heart Fail.** 2010 Jan;**3**(1):125-31.
19. **Carasso S**, Yang H, Woo A, Jamorski M, Wigle ED, Rakowski H. Diastolic Myocardial Mechanics in Hypertrophic Cardiomyopathy. **J Am Soc Echocardiogr.** 2010 Feb; **23**:164-71.
20. Yang H, **Carasso S**, Woo A, Jamorski M, Nikonova A, Wigle ED, Rakowski H. Hypertrophy Pattern and Regional Myocardial Mechanics Are Related in Septal and Apical Hypertrophic Cardiomyopathy. **J Am Soc Echocardiogr.** 2010 Oct;**23**(10):1081-9.
21. **Carasso S**, Cohen O, Mutlak D, Adler Z, Lessick J, Aronson D, Reisner SA, Rakowski H, Bolotin G, Agmon Y. Relation of Myocardial Mechanics in Severe Aortic Stenosis to Left Ventricular Ejection Fraction and Response to Aortic Valve Replacement. **Am J Cardiol.** 2011 Apr 1;**107**(7):1052-7. Epub 2011 Feb 4.
22. Garceau P, Nguyen ET, **Carasso S**, Ross H, Pendergrast J, Bruchal-Garbicz B, Moravsky, G, Rakowski H. Quantification of Myocardial Iron Deposition by Two-dimensional Speckle Tracking in Patients with β -Thalassemia Major and Blackfan-Diamond Anemia. **Heart.** 2011 Mar;**97**(5):388-93.
23. Aronson D, Mutlak D, Bahouth F, Bishara R, Hammerman H, Lessick J, **Carasso S**, Dabbah S, Reisner S, Agmon Y. Restrictive Left Ventricular Filling Pattern and Risk of New-Onset Atrial Fibrillation After Acute Myocardial Infarction. **Am J Cardiol.** 2011 Jun 15;**107**(12):1738-43.
24. Biaggi P, Carasso S, Garceau P, Greutmann M, Gruner C, Tsang W, Rakowski H, Agmon Y, Woo A. Comparison of Two Different Speckle Tracking Software Systems: Does the Method Matter? **Echocardiography.** 2011 May;**28**(5):539-47.
25. Berger G, Hardak E, Obaid W, Shaham B, **Carasso S**, Kerner A, Yigla M, Azzam ZS. Characterization of Pulmonary Venous Hypertension Patients with Reactive Pulmonary Hypertension as Compared to Proportional Pulmonary Hypertension. **Respiration.** 2011 Aug 4. [Epub ahead of print]
26. Mutlak D, Aronson D, **Carasso S**, Lessick J, Reisner SA, Agmon Y. Frequency, Determinants and Outcome of Pulmonary Hypertension in Patients With Aortic Valve Stenosis. **Am J Med Sci.** 2011 Sep 22. [Epub ahead of print]
27. Feld Y, Dubi S, Reisner Y, Schwammenthal E, Shofti R, Pinhasi A, **Carasso S**, Elami A. Energy transfer from systole to diastole: a novel device-based approach for the treatment of diastolic heart failure. **Acute Card Care.** 2011 Dec;**13**(4):232-42.
28. Lessick J, Abadi S, Agmon Y, Keidar Z, **Carasso S**, Aronson D, Ghersin E, Rispler S, Sebbag A, Israel O, Hammerman H, Roguin A. Multidetector computed tomography predictors of late ventricular remodeling and function after acute myocardial infarction. **Eur J Radiol.** 2011 Dec 30. [Epub ahead of print]

29. Mutlak D, Lessick J, **Carasso S**, Kapeliovich M, Dragu R, Hammerman H, Agmon Y, Aronson D.
Utility of Pulmonary Hypertension for the Prediction of Heart Failure Following Acute Myocardial Infarction.
Am J Cardiol. 2012 Feb 3. [Epub ahead of print]
30. **Carasso S**, Biaggi P, Rakowski H, Mutlak D, Lessick J, Aronson D, Woo A, Agmon Y.
Velocity Vector Imaging: Standard Tissue-Tracking Results Acquired in Normals-The VVI-STRAIN Study.
J Am Soc Echocardiogr. 2012 Feb 10. [Epub ahead of print]
31. Gruner C, Verocai F, **Carasso S**, Vannan MA, Jamorski M, Clarke JT, Care M, Iwanochko RM, Rakowski H. *Systolic Myocardial Mechanics in Patients with Anderson-Fabry Disease with and without Left Ventricular Hypertrophy and in Comparison to Nonobstructive Hypertrophic Cardiomyopathy.*
Echocardiography. 2012 Apr 13. [Epub ahead of print]

2. - Clinical Descriptive Research

32. Halpern P, Rosen B, **Carasso S**, Sorkine P, Wolf Y, Benedek P, Martinovich G,
Intensive care in a field hospital in an urban disaster area: lessons from the August 1999 earthquake in Turkey.
Crit Care Med. 2003 May;31(5):1410-4.
33. **Carasso S**, Shmueli T, Arnon R, Ashkenazi I, *Characteristics of Emergency Room Admissions of IDF Soldiers in Northern Israeli Hospitals Between May 2002 and April 2003.*
Harefuah 2004 Jan;143(1):8-11, 88, 87.

3. - Case Reports

34. **Carasso S**, Sternik L, Kuperstein R, Feinberg MS. *A large saphenous vein graft aneurysm presenting as a right atrial mass: a case report.* **Echocardiography. 2006 Jul;23(6):499-502.**
35. Herskovitz M, Telman G, **Carasso S**, Symonovitz A, Goldsher D. *Ischemic stroke due to a calcified embolus from the mitral annular valve.*
Neurology. 2012 Mar 20;78(12):931.

4. - Review papers

36. **Carasso S**, Oren I, Alroy G, Krivoy N, *Disseminated fat necrosis with asymptomatic pancreatitis: a case report and review of the literature.*
Am J Med Sci 2000 Jan;319(1):68-72.
37. **Carasso S**, Oren I, Krivoy N, *Pulmonary Involvement in Systemic Lupus Erythematosus.*
Harefua 1997; 132: 360-362.

5. - Books and book chapters

38. **Carasso S**, Rakowski R. *Hypertrophic Cardiomyopathy. In: Diastology, clinical approach to diastolic heart failure. Klein AL and Garcia MJ, Editors. Saunders-Elsevier, 2008; pp287-300.*

Other publications (letters, editorials, commentaries, etc.)

39. Rakowsk Hi, **Carasso S**. *Quantitating Diastolic Function in Hypertrophic Cardiomyopathy: The Ongoing Search for the Holy Grail.* **Circulation. 2007 Dec 4;116(23):2662-5.**

40. **Carasso S, Rakowski H.** Myocardial fibrosis and regional function in hypertrophic cardiomyopathy: may the force be with you. **J Am Soc Echocardiogr.** 2008 Dec;21(12):1306-8.
41. **Rakowski H, Carasso S.** Diastolic dysfunction and histopathology in hypertrophic cardiomyopathy: is relaxation in disarray? **J Am Soc Echocardiogr.** 2009 Dec;22(12):1335-7.

15. CONFERENCES

Plenary or invited talks

1. **Carasso S, Rakowski H.**
2006
Dyssynchrony Mechanics.
American Society of Echocardiography
Atlanta GA, USA
2. **Carasso S**
2008
Candidate selection for biventricular pacing
Annual international Toronto heart summit
Toronto, ON, Canada
3. **Carasso S**
2012
Diastolic heart failure, in Ask the Experts: How to incorporate Myocardial Strain imaging into Clinical Practice
Scientific Sessions 2012, Annual American Heart Association Meeting
Los Angeles, CA, USA

Contributed Talks and Abstracts

4. **Carasso S, Reisner S, Beyar R, Markiewicz W.**
1988
Computerized analysis of myocardial echocardiographic enhancement during coronary revascularization by high-speed rotational atherectomy
Trans Catheter Therapeutics (TCT)
Washington DC, USA
5. **Carasso s, Markiewicz W,**
2001
Medical treatment of patients with stable angina pectoris referred for coronary angiography: failure of treatment or failure to treat.
European Society of Cardiology Congress
Stockholm, Sweden
6. **Carasso s, Agmon Y, Reisner S,**
2004
The yield of Echocardiographic Imaging In the evaluation of Syncope In Soldiers.
Israel Heart Association annual meeting
7. **Carasso S, Kuperstein R, Gurevitz O, Bar-Lev D, Gilman S, Shoal L, Dror Z, Guetta V, Eldar M, Schwammenthal E, Glikson M and Feinberg MS.**
2005
Echocardiographic Evaluation of response to Cardiac Resynchronization Therapy in Ischemic vs. Non-Ischemic Dilated Cardiomyopathy.
Israel Heart Association annual meeting

8. **Carasso S**, Kuperstein R, Gurevitz O, Bar-Lev D, Gilman S, Shoval L, Dror Z, Guetta V, Eldar M, Schwammenthal E, Glikson M and Feinberg MS.
2005
Echocardiographic Evaluation of the Response to Cardiac Resynchronization Therapy in Patients Upgraded From Univentricular Pacing
Israel Heart Association annual meeting

9. **Carasso S**, Kuperstein R, Gurevitz O, Bar-Lev D, Gilman S, Shoval L, Dror Z, Guetta V, Eldar M, Schwammenthal E, Glikson M and Feinberg MS.
2005
The Impact of RV Function on the Echocardiographic Response to Cardiac Resynchronization Therapy
Israel Heart Association annual meeting

10. **Carasso S**, Kuperstein R, Gurevitz O, Bar-Lev D, Gilman S, Shoval L, Dror Z, Guetta V, Eldar M, Schwammenthal E, Glikson M and Feinberg MS.
2005
The yield of Echocardiographic Determination of dp/dt in Identifying Responders to Cardiac Resynchronization Therapy
Israel Heart Association annual meeting.

11. Kuperstein R, Feinberg MS, **Carasso S**, Gilman S, Dror Z, DiSegni E.
2005
The Additive Value of Real Time Three-Dimensional Echocardiography in the Qualitative Assessment of Isolated Cleft Mitral Valve in Adults.
Israel Heart Association annual meeting.

12. Nof E, Gurevitz O, **Carasso S**, Bar-Lev D, Luria D, Eldar M, Feinberg MS, Glikson M.
2005
Clinical and Echocardiographic Predictors of Short Term Response to Cardiac Resynchronization Therapy.
Israel Heart Association annual meeting.

13. Shechter M, Sharabi Y, Marai I, **Carasso S**, Marai S, Peleg E, Yehuda Kamari Y, Grossman E, Feinberg MS, Sela B, Sherer Y, Shoenfeld Y.
2005
The Association of Plasma Adiponectin Levels and Forearm Vascular Endothelial Function in Healthy Volunteers and Patients with Coronary Artery Disease.
Israel Heart Association annual meeting.

14. Gurevitz O, **Carasso S**, Bar-Lev DS, Bachar S, Luria D, Eldar M, Feinberg M S, Glikson M.
2005
Cardiac resynchronisation has a beneficial effect on right ventricular mechanical performance.
European Society of Cardiology Meeting.

15. Kuperstein R, Feinberg M S, **Carasso S**, Gilman S, Dror Z, Di Segni E.
2005
The additive value of real time three-dimensional echocardiography in the qualitative assessment of isolated cleft mitral valve in adults.
European Society of Cardiology Meeting, Stockholm

16. Gurevitz O, **Carasso S**, Bar-Lev D, Bachar S, Luria D, Eldar M, Feinberg MS, Glikson M.
2005
Cardiac Re-Synchronization May Have a Beneficial Effect on Right Ventricular Mechanical

Performance
European Cardiac Arrhythmia Society meeting
Europace, Prague

17. Feinberg M S, **Carasso S**, Marai I, Sandach A, Kuperstein R, Freimark D, Guetta V, Sechter M.
2005
The association between brachial artery flow-mediated vasodilation and left ventricular diastolic function.
Euroecho9, Florence
18. **Carasso S**, Yang H, Vannan MA, Woo A, Jamorski M, Li P, Wigle ED, Rakowski H.
2006
New Concepts of Myocardial Mechanics in Hypertrophic Cardiomyopathy.
American College of Cardiology, Atlanta, GA.
19. **Carasso S**, Yang H, Vannan MA, Woo A, Jamorski M, , Wigle ED, Rakowski H.
2006
A Novel Method of Evaluating Diastolic Muscle Mechanics Septal Hypertrophic Cardiomyopathy.
American College of Cardiology, Atlanta, GA.
20. Thangaroopan M, **Carasso S**, Zieroth S, Rao V, Delgado D, Siu S, Rakowski H, Ross H.
2006
Biplanar Echocardiographic Strain Imaging Documents Improvement in LV Function in Patients with Ventricular Assist Device.
American College of Cardiology, Atlanta, GA.
21. Yang H, **Carasso S**, Vannan MA, Woo A, Jamorski M, Evelyn Rozenblyum , Wigle ED, Rakowski H.
2006
Regional Myocardial Mechanics in Patients with Septal and Apical Hypertrophic Cardiomyopathy.
American College of Cardiology, Atlanta, GA.
22. **Carasso S**
2008
Efficacy Assessment of a New Device-based Approach for Treating Diastolic Heart Failure
Innovations in cardiovascular interventions, Tel Aviv, Israel
23. **Carasso S**, Rakowski H, Witte KK, Smith P, Carasso D, Garceau P, Sasson Z, Parker JD.
2008
Left ventricular strain patterns in dilated cardiomyopathy predict response to cardiac resynchronization therapy: Timing is not everything
Left Ventricular Strain Signatures in Dilated Cardiomyopathy Predict Response to Cardiac Resynchronization Therapy: Timing is Not Everything.
American College of Cardiology, Toronto, ON, Canada
24. **Carasso S**, Yang H, Woo A, Jamorski M, Wigle ED, Rakowski H
2008
Diastolic Myocardial Mechanics in Hypertrophic Cardiomyopathy
American College of Cardiology, Toronto, ON, Canada
25. **Carasso S**, Cohen O, Mutlak D, Adler Z, Lessick J, Reisner SA, Rakowski H, Bolotin G, Agmon Y.
2008
Differential Effects of Afterload on Left Ventricular Long-Axis and Short-Axis Function: Insights from a Clinical Model of Patients with Aortic Valve Stenosis Undergoing Aortic

- Valve Replacement.
Israel hear society meeting, Tel Aviv, Israel
26. **Carasso S**, Garceau P, Woo A, Scwartz L, Rakowski H
 2009
Diastolic Myocardial Mechanics Correlate with Hemodynamics in Obstructive Hypertrophic Cardiomyopathy
Israel hear society meeting, Tel Aviv, Israel
27. **Carasso S**, Agmon Y, Mutlak D , Roguin A, Lessick J
 2009
Comparison between 2D-Echo Myocardial Strain and Visual Grading of Myocardial Function in Patients after Myocardial Infarction
Israel hear society meeting, Tel Aviv, Israel
28. **Carasso S**, Shofti R, Sheman A, Lak L, Shmilovich M, Meyer-Brodnitz G, Lipperman M, Rosen L, Elami A
 2009
An intra-ventricular device as a potential mechanical solution for diastolic heart failure
American Heart Association, Orlando, FA
29. Blich M, **Carasso S**, Suleiman M, Marai I, Zeidan Shwiri t, Boulos M.
 2010
Improvement in MR and in the Dyssynchrony Involving Mid Segments Predict Super Responders in Patients Undergoing Cardiac Resynchronization Therapy.
Israel hear society meeting, Tel Aviv, Israel
30. Mutlak D, **Carasso S**, Lessick J, Aronson D, Reisner SA, Agmon Y.
 2010
Respiratory Variation in Tricuspid Regurgitation Peak Systolic Velocity: A Sign of Severe Tricuspid Regurgitation.
Israel hear society meeting, Tel Aviv, Israel
31. Garceau P, Nguyen E, Ross, H, Pendergrast J, Bruchal-Garbicz B, Rakowski H, **Carasso S**.
 2010
Quantification of Myocardial Iron Deposition by Two-dimensional Speckle Tracking in Patients with β -Thalassemia Major and Blackfan-Diamond Anemia.
Israel hear society meeting, Tel Aviv, Israel
32. **Carasso S**, Cohen O, Mutlak D, Adler Z, Lessick J, Aronson D, Reisner SA, Rakowski H, Bolotin G, Agmon Y.
 2010
Loss and Regain of Compensatory Mechanics in Patients with Severe Aortic Stenosis and Left Ventricular Systolic Dysfunction Undergoing Aortic Valve Replacement.
Israel heart society meeting, Tel Aviv, Israel
33. **Carasso S**, Mutlak D, Lessick J, Aronson D, Agmon Y.
 2011
Left Ventricular Mechanics in Patients with Advanced Diastolic Dysfunction and Normal Ejection Fraction
American Society of Echocardiography, Montreal, Quebec, Canada