

CURRICULUM VITAE

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DATE AND PLACE OF BIRTH 07.07.1970 , Tira Masholash 44915

(date, country) (if applicable)

ZAHAL (ISRAELI) NA
MILITARY SERVICE

MARITAL STATUS
NO. OF CHILDREN married +3

A. Education

PERIODS OF STUDIES (DATES) 1990 - 1996

Title of Doctoral Dissertation "Changes in blood gases, lactate and potassium during intravenously infused myoglobin and hemorrhagic hypotension in rats. The effect of 8-Br-cGMP"

Names of Supervisors Prof. F. Vetterlein

B. FURTHER STUDIES

Period of Study (dates)

Name of University. City/country (if not Israel)

Subject

Degree or Professional License

Date Awarded

C. ACADEMIC AND PROFESSIONAL EXPERIENCE (FOR MDS – ACADEMIC EXPERIENCE; CLINICAL EXPERIENCE)

1996-1997	Internship, Georg-August University of Göttingen, Germany.
1995-1996	Research Affiliate, Neuropharmacologie Laboratory, Pharmacologie and toxicologie Center, The faculty of Health Science, Georg-August University of Göttingen, Germany.
1998-2002	Residency in Internal Medicine, Department of Medicine B, Rabin Medical Center, Beilinson Campus, Israel. Passed Specialty Board Examination in Internal Medicine.
2002	Senior in Internal Medicine Department, Rabin Medical Center, Beilinson Campus, Israel.
9/2002-5/2006	Fellowship in Cardiology Department, Rabin Medical Center, Beilinson Campus, Israel. Passed Specialty Board Examination in Cardiology.
6/2006-5/2009	Fellowship in Cardiovascular Magnetic Resonance Imaging and Computed Tomography, German Heart Institute, Berlin, Germany.
6/2009	Senior in Cardiology Department, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel.

D. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS

Year	Name of Meeting, City, Country	
2012	59 th Annual Conference of the Israel Heart Society	Tel-Aviv, Israel
2012	11 st International Dead sea Symposium on Cardiac Arrhythmias and Device Therapy	Jerusalem, Isreal
2011	Israel Radiological Association, Annual meeting	Eilat, Israel
2011	American Heart Association, Scientific Sessions 2011	Orlando, USA
2011	European Society of Cardiology Congress 20	Paris, France
2011	58th Annual Conference of the Israel Heart Society	Tel-Aviv, Israel
2010	Israel Radiological Association, Annual meeting	Eilat, Israel
	11st International Dead sea Symposium on Cardiac Arrhythmias and Device Therapy	Jerusalem, Isreal
2010		
2009	57 th Annual Conference of the Israel Heart Society	Tel-Aviv, Israel
2009	Radiological Society of North America 2010	Chicago, USA
2009	American Heart Association, Scientific Sessions 2009	Orlando, USA
	European Society of Cardiology Congress 2009	Barcelona, Spain
	75 th Annual German Heart Society meeting	Mannheim, Germany
2008	74 th Annual German Heart Society meeting	Mannheim, Germany
2008	11 th Annual Scientific Sessions of the Society for Cardiovascular Magnetic Resonance	Los Angeles, USA
2006	European Society of Cardiology Congress	München, Germany
2005	52 th Annual Conference of the Israel Heart Society	Tel-Aviv, Israel
2004	51 th Annual Conference of the Israel Heart Society	Tel-Aviv, Israel

**E. ACADEMIC AND PROFESSIONAL AWARDS
(Prizes, fellowships, grants, scholarships, etc)**

**Year
(Duration) Name of Institution, city, country, Occasion, Title, Sum**

1995-1997	Friedrich Ebert Stiftung. Bonn/Germany.
2005	Israel Heart Association and Merck grants for fellowship, Israel.
2006	European Society of Cardiology: Research and Training Grant.
2007	Grant of the Working Group for Cardiovascular Magnetic Resonance of the European Society of Cardiology.
2008-2009	Kaiserin Friedrich Stiftung. Berlin/Germany.

F. MEMBERSHIP IN PROFESSIONAL SOCIETIES

Year	Society (Country)
2003	Israel Heart Society
2003	European Society of Cardiology

SCIENTIFIC PUBLICATIONS

B.1. ORIGINAL ARTICLES

1. Hamdan A, Shapira Y, Bengal T, Mansur M, Vaturi M, Sulkes J, Battler A, Sagie A.
Tissue Doppler Imaging in Patients with Advanced Heart Failure: Relation to Functional Class and Prognosis. J Heart Lung Transplant. 2006;25(2):214-8.
(CARDIAC & CARDIOVASCULAR SYSTEMS. 22/79, IF 3.323).
2. Hamdan A, Kornowski R, Solodky A, Fuchs S, Battler A, Assali AR.
Predictors of Left Ventricular Dysfunction in Patients with First Acute Anterior Myocardial Infarction Undergoing Primary Angioplasty. Isr Med Assoc J. 2006;8(8):532-5.
(MEDICINE, GENERAL & INTERNAL .85/107, IF 0.9).
3. Hamdan A, Kelle S, Schnackenburg B, Fleck E, Nagel E. Improved Quantitative Assessment of Left Ventricular Volumes Using TGrE Approach After Application of Extracellular Contrast Agent at 3 Tesla. J Cardiovasc Magn Reson. 2007;9(6):845-53.
(CARDIAC & CARDIOVASCULAR SYSTEMS. 40/79, IF 2.152).
4. Hamdan A, Kelle S, Schnackenburg B, Wellnhofer E, Fleck E, Nagel E.
Single Breath Hold Four Dimensional Assessment of Left Ventricular Volumes and Function Using K-t BLAST at 3 Tesla. J Magn Reson Imaging. 2008;27(5):1028-36.
(RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING. 29/92, IF 2.658).
5. Gebker R, Jahnke C, Manka R, Hamdan A, Schnackenburg B, Fleck E, Ingo Paetsch.
Additional value of myocardial perfusion imaging during dobutamine stress magnetic resonance for the assessment of coronary artery disease. Circ Cardiovasc Imaging 2008;1:122-130.

(CARDIAC & CARDIOVASCULAR SYSTEMS. 1/79, IF 14.595).

6. Kelle S, Hamdan A, Schnackenburg B, U Köhler, Klein C, E. Nagel, Fleck E.
Dobutamine Stress Magnetic Resonance Imaging at 3.0 Tesla. J Cardiovasc Magn Reson 2008;10:44.

(CARDIAC & CARDIOVASCULAR SYSTEMS. 40/79, IF 2.152).

7. Hamdan A, Thouet T, Kelle S, Paetsch I, Gebker R, Wellnhofer E, Schnackenburg B, Fahmy A, Osman NF, Fleck E.
Regional Right Ventricular Function and Timing of Contraction in Healthy Volunteers Evaluated by Strain-encoded MRI. J Magn Reson Imaging. 2008;28(6):1379-85.

(RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING. 29/92, IF 2.658).

8. Hamdan A, Thouet T, Kelle S, Paetsch I, Gebker R, Fahmy A, Osman NF, Bornstedt A, Fleck E.
Strain-encoded Magnetic Resonance Imaging to Evaluate Normal Left Ventricular Function and Timing of Contraction at 3.0 Tesla. J Magn Reson Imaging 2009;29:799-808.

(RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING. 29/92, IF 2.658).

9. Hamdan A, Kriatselis C, Gebker R, Paetsch I, Jahnke C, Wellnhofer E, Schnackenburg B, Tang M, Gerds-Li H, Fleck E.
Magnetic Resonance Imaging versus Computed Tomography for Characterization of Pulmonary Vein Morphology before Radiofrequency Catheter Ablation of Atrial Fibrillation. Am J Cardiol 2009;104(11):1540-6.

(CARDIAC & CARDIOVASCULAR SYSTEMS. 16/79, IF 3.680)

10. Hamdan A, Kornowski R, Lev E, Sagie A, Zafirir N, Fuchs S, Brosh D, Battler A, Assali A.

Impact of Myocardial Blush on Left Ventricular Remodeling After First Anterior Myocardial Infarction treated with Successful Primary Coronary Intervention. Isr Med Assoc J 2010; 12:211-215.

(MEDICINE, GENERAL & INTERNAL .85/107, IF 0.9).

11. Gebker R, Jahnke C, Hucko T, Manka R, Mirelis JG, Hamdan A, Schnackenburg B, Fleck E, Paetsch I.

Dobutamine Stress Magnetic Resonance Imaging for the Detection of Coronary Artery Disease in Women. Heart. 2010; 96:616-620.

(CARDIAC & CARDIOVASC SYSTEMS 9/79; IF 4.964)

12. Gebker R, Mirelis JG, Jahnke C, Hucko T, Manka R, Hamdan A, Schnackenburg B, Fleck E, Paetsch I.

Influence of Left Ventricular Hypertrophy and Geometry on Diagnostic Accuracy of Wall Motion and Perfusion Magnetic Resonance Imaging during Dobutamine Stress. Circ Cardiovasc Imaging. 2010;3:507-14.

(CARDIAC & CARDIOVASCULAR SYSTEMS. 1/79, IF 14.595).

13. Hamdan A, Asbach P, Wellnhofer E, Klein C, Gebker R, Kelle S, Kilian H, Huppertz A, Fleck E.

A Prospective Study for Comparison of MR and CT Imaging for Detection of Coronary Artery Stenosis. JACC Cardiovasc Imaging. 2011;4:50-61. **IF**

5.528

14. Kelle S, Chiribiri A, Vierecke J, Egnell C, Hamdan A, Jahnke C, Paetsch I, Wellnhofer E, Fleck E, Klein C, Gebker R. Long-Term Prognostic Value of

Dobutamine Stress CMR. JACC Cardiovasc Imaging. 2011;4:161-72. **IF**

5.528

15. Goitein O, Matetzky S, Eshet Y, Goitein D, Hamdan A, Di Segni E, Konen E.

Coronary CT angiography for acute chest pain triage: Techniques for radiation

exposure reduction; 128 vs. 64 multidetector CT. *Acta Radiol* 2011; 52: 840-845.

16. Hamdan A, Guetta V, Konen E, Goitein O, Segev A, Raanani E, Spiegelstein D, Hay I, Di Segni E, Eldar M, Schwammenthal E. Deformation Dynamics and Mechanical Properties of the Aortic Annulus by 4-Dimensional Computed Tomography. Insights Into the Functional Anatomy of the Aortic Valve Complex and Implications for Transcatheter Aortic Valve Therapy. *JACC*. 2012; 59:119-127. **IF 14.292**

B.2. CASE REPORTS

B.2. Case Reports published

1. Bairey O, Kirgner I, Yakobi M, Hamdan A, Ben-Ari Z, Shaklai M. Clinical severe hepatic venoocclusive disease during induction treatment of acute monoblastic leukemia managed with defibrotide. *Am J Hematol*. 2002;69:281-4.
(HEMATOLOGY.40/62, IF 2.126).
2. Hamdan A, Hirsch D, Green P, Neumann A, Drozd T, Molad Y. Pheochromocytoma: Unusual presentation of a rare disease. *Isr Med Assoc J*. 2002;4:827-8.
(MEDICINE, GENERAL & INTERNAL. 85/107, IF 0.9).
3. Hamdan A, Green P, Mendelson E, Kramer MR, Pitlik S, Weinberger M. Possible benefit of intravenous immunoglobulin therapy in a lung transplant recipient with West Nile virus encephalitis. *Transpl Infect Dis*. 2002;4:160-2.
(IMMUNOLOGY .69/121, IF 2.516).
4. Hamdan A, Porter A, Georghiou GP, Mulad Y, Raanani E, Hasdai D, Battler A, Assali AR. Unusual presentation of Takayasu arteritis. *Int J Cardiol*. 2007;119:249-50. ***(CARDIOVASCULAR SYSTEMS . 24/79 , IF 3.121)***.

5. Roser M, Hamdan A, Komoda T, Kriatselis C, Stawowy P, Meyer R, Hetzer R, Knosalla C, Paetsch I.

Images in cardiovascular medicine. Left ventricular cardiac hemangioma presenting with atypical chest pain.

Circulation. 2008;117(22):2958-60.

(CARDIAC & CARDIOVASCULAR SYSTEMS. 1/79, IF 14.595).

6. Jahnke C, Hamdan A, Fleck E, Paetsch I.

Tissue Characterization of a Suspected Aortic Valve Fibroelastoma With Cardiac Magnetic Resonance Imaging. Circulation, 2008;1:87-8.

(CARDIAC & CARDIOVASCULAR SYSTEMS. 1/79, IF 14.595).

B.3. REVIEW ARTICLES

B.3. Review Articles Published

1. Hamdan A, Zafirir N, Sagie A, Kornowski R.

Modalities to Assess Myocardial Viability In the Modern Cardiology Era. Coronary Artery Disease. 2006;17(6):567-76.

(PERIPHERAL VASCULAR DISEASE. 45/56, IF 1.254).

2. Hamdan A, Assali A, Fuchs S, Battler A, Kornowski R.

Imaging of Vulnerable Coronary Artery Plaques. Catheterization and Cardiovascular intervention. 2007;70(1):66-75.

(CARDIAC & CARDIOVASCULAR SYSTEMS 37/79, IF 2.248).