Professor Anthony Heymann

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D.O.B 27 August 1959

Nationality: British and Israeli

Administrative experience

Director of Family Medicine training program. Meuhedet HMO.

Chairman of Institutional Review Board. Meuhedet HMO. June 2012-Present

Head of Department of Community Medicine. Maccabi Healthcare Service. Israel June2000 - December2011

Maccabi Healthcare Services is a large Health Maintenance Organization

which insures 25% of the Israeli population.

My department was responsible for the development of many aspects of primary care including Family Medicine, Preventive Medicine, Nutrition Services, Emergency planning, Diabetes Care and Geriatric Care.

Specific achievements:

Building one of the world's first computer based disease register for diabetes care.

Helping Maccabi healthcare develop the best services for its

patients with diabetes in the country.

Successful application of disease management in the primary care setting.

Developing and operating the only Smoking Quit-Line in the country

Developing the only and telephone simultaneous translation service for Russian and Arab speaking patients in Israel Running successful mass media campaigns such as that which is credited in reducing antibiotic use in Israel.

Building the biggest and most attractive specialization program for family physicians in the country. Each year we have the highest exam pass rate.

Head of Department of Family Medicine. University of Tel Aviv.

From September 2010–2014 I ran the department. The responsibilities were those of organizing the teaching of ~260 students a year and developing research in Primary Care. My academic rank is that of Senior Lecturer (My application for the rank of professor is in process). I have published more than 80 papers in peer reviewed journals and have won a number of important research grants including one from the National Institute of Health.

Clinical Experience

Primary Care

Throughout my career I have maintained a part time clinical practice with the public health system serving a heterogeneous population from different cultural backgrounds. Consequently I am exposed to and aware of the

everyday issues of Primary Care.

National Policy making

From 1999-the present a member of The National Advisory Council to The Minister of Health for Primary Care From 2008 to 2011 Chairman of the subcommittee of The National Advisory Council to The Minister of Health for Primary Care which assesses new medical technologies. 2007 and 2009 Member of sub committee of The National Advisory Council to The Minister of Health for Primary Care that agreed on standards of care for home visits. 2002 Member of the National Committee for coordinating psychiatric care in the community

From 2004 -the present a member of The National Advisory Council to The Minister of Health for Diabetes
From 2005 to 2011 Chairman of the subcommittee of The National Advisory Council to The Minister of Health for Diabetes which assesses new medical technologies.

From 2008 to 2013 Member of the grants committee. Sackler Medical School University Tel Aviv

From 2011 to 2013 Member of the clinical curriculum committee. Sackler Medical School University Tel Aviv

2000-2013 an accredited examiner for The Scientific Council; this conducts the specialization exams in Family Medicine.

2002-2012 Chairman of the Maccabi Healthcare Services Scientific Council Committee, that supervises specialization in Maccabi healthcare services.

2006 Joint Chairman of sub committee dealing with preventive medicine for the June 2006 annual conference of The Israel National Institute for Health Policy and Health Services Research.

2003 Member of the national committee of The Israel Medical Association which prepared the position document detailing preventive medicine in the community.

2002 Member of the National Committee for coordinating psychiatric care in the community

2002-2011 Secretary of an accreditation committee for The Scientific Council that accredits departments of Family Medicine.

From 2003-2011 a reviewer for a number of distinguished peer-reviewed international journals and on the editorial board of Israel Journal of Family Practice.

Education

1999: Master Degree in Health Administration from the University of Tel Aviv.

1990: Israeli Board certification in Family Medicine.

1988: British Board certification in Family Medicine and membership of The Royal College of General Practitioners.

1983: Bachelor Degree in Medicine and Surgery from the University of London.

1980: Bachelor Honors Degree in Physiology with Pharmacology from the University of London.

Current academic status

Professor of Family Medicine. University of Tel Aviv.

Specific skills

People management.

Experienced lecturer

Extensive teaching experience

Planning and promoting strategic organizational policy.

Planning and managing budgets

Clinical skills

Expertise in all aspects of disease management and managed care

Research skills
Research skills
Planning
Writing Protocols
Helsinki Committee Approval
Managing Cohort studies
Writing papers

Research Grants

Principle investigator: The Israel National Institute for Health Policy and Health Services Research. investigation of patient failure to proceed to colonoscopy after a positive FOBT Dec 2015 (263,000 NIS)

Co-investigator: Maccabi Healthcare Research Fund. The effect of negative and positive social environments on quality of life and disease management of diabetic patients

December 2011

Principle investigator: Maccabi Healthcare Research Fund. Educationally-challenged patients: An investigation of primary care physician attitudes and difficulties. September 2010 Principle investigator (joint PI) Grant number 1R01AG034087-01A2 National Institute of Health. (National Institute of Aging) USA. "Inflammation, long-term diabetes characteristics, and cognitive decline" A five year cohort study. 15.9.2009-31.8.2014. Funded at \$600,000/year

Co-investigator: Maccabi Healthcare Research Fund "Investigation of the reasons for differences in blood pressure control among patients with diabetes." 100,000 NIS. 2008

Co-investigator: Maccabi Healthcare Research Fund "A study to examine the connection between family support and compliance with diabetes treatment" 100,000 NIS. 2007

Co-investigator: The Israel National Institute for Health Policy and Health Services Research The black box: A study to investigate the physician work load in primary care" 263,000 NIS 2007

Co-investigator: The Israel National Institute for Health Policy and Health Services Research. "What are the factors the encourage and obstruct the delivery of preventive care to the

elderly in primary care" 100,000 NIS 2004
Principal Investigator: The Israel National Institute for Health
Policy and Health Services Research. "A study to examine the
differences between different primary physician's specialty on
patient's health and health utilization." 46,000 NIS.2004
Co-investigator: The Israel National Institute for Health Policy
and Health Services Research. "Implementing Clinical
Guidelines in Primary Care Medicine in Israel: Changing
Physicians' Behavior" 200,000 NIS 2003

Publications

1. Gross R, Tabenkin H, Porath A, Heymann A, Greenstein M, Porter B, Matzliach R.

The relationship between primary care physicians' adherence to guidelines for the treatment of diabetes and patient satisfaction: findings from a pilot study. Family Practice; 20:563-569. 2003

2. Hoch I, Heymann AD, Kurman I, Valinsky L, Hodick G, Shalev V.

Country-wide computer alerts to community physicians improve potassium testing in patients receiving diuretics. J Am Med Inform Assoc.;10:541-6. 2003

3. Shapiro Y, Shemer J, Heymann A, Shalev V, Maharshak

N,Chodik G, Green M, Kokia E.

Influenza vaccination: reduction in hospitalizations and death rates among members of 'Maccabi Health care Services" during the 2000–2001 influenza season.

Isr Med Ass J; 5:706-708. 2003

- 4. Chodick G, Heymann AD, Shalev V, Kokia E. The epidemiology of diabetes in Israel. European J of Epidemiology 18:1143–1146. 2003
- 5. Heymann AD, Azuri J, Kokia E, Monnickendam S ,Shapira M , Shalev G

Systematic Inventive Thinking, a new tool for the analysis of complex problems in medical management.

Isr Med Ass J; 6:67-69. 2004

- 6. Heymann AD, Hodick G, Kokia E, Reichman B, Laufer Y,. The influence of school closure on the incidence of viral respiratory diseases on children and on healthcare utilization. Pediatr Infect Dis J. 7:675-7. 2004
- 7. Heymann AD, Tarashansky I, Kokia E, Chodick G. The description of a nationwide women's' health promotion campaign a critical evaluation using existing administrative databases.

Preventive Medicine; 39:1143-7. 2004

8. Heymann AD, Shapiro Y, Chodick G, Shalev V , Kokia E, Kramer E Shemer J

Reduced hospitalizations and death associated with influenza

vaccination among patients with and without diabetes. Diabetes Care; 27:2581-4. 2004

9. Kahan N, Friedman N, Lomnicky Y, Hemo B, Heymann A, Shapiro M, Kokia E.

Physician Specialty and Adherence to Guidelines for the Empiric Treatment of Uncomplicated Urinary Tract Infection among Women

Pharmacoepidemiology and drug safety. 14:357-61 2005

10. Shalev V, M. Chodick G, Heymann AD, Kokia E. Gender differences in healthcare utilization and medical indicators among patients with diabetes.

J of Public Health 119:45-9. 2005

11. Heymann AD, , Hoch I, Valinsky L, Shalev V , Silber H Kokia E

Mandatory computer field for blood pressure measurement improves screening.

Family Practice 22:168-9. 2005

12.Hodick G, Heymann AD, Shalev V, Kokia E.
The direct medical cost of diabetes in Israel.
European Journal of Health Economics. 6:166–171.2005

13 Heymann A, Hodick G, Halkin H, Shalev V, Kokia E, Shemer J. The implementation of managed care for diabetes using medical informatics in a large Preferred Provider Organization Diabetes research and clinical practice. 71:290–8.2006

14 Chodick G, Heymann AD, Green MS, Kokia E, Shalev V.

Late influenza vaccination is associated with reduced effectiveness

Preventive Medicine 43:71-6.2006

15 Gross R, Tabenkin H, Porath A, Heymann A, Greenstein M, Porter B, Matzliach R.

The physicians' ability to influence lifestyle behavior of diabetic patients: implications for social work. Soc Work Health Care. 2007;44(3):191-204.

16 Heymann.AD, Chodick G Halkin H, Kokia E, Shalev V. Description of a diabetes disease register extracted from a central database.

Harefuah. 2007 Jan;146(1):15-7, 79. Hebrew.

17 Shalev V, Chodick G, Bialik M, Heymann AD In a population-based cohort of diabetes patients, men and women had similar risks for all-cause mortality. J Clin Epidemiol. 2007;60(1):86-93.

18 Shapiro J , Cohen AD, David M, Hodak E, Chodik G, Viner A , Kremer E , Heymann A).

The association between psoriasis, diabetes mellitus, and atherosclerosis in

Israel: a case-control study.

J Am Acad Dermatol. 2007;56(4):629-34.

19 Ayalon L, Gross R), Tabenkin H, Porath A, Heymann AD, Porter B.

Correlates of Quality of Life in Primary Care Patients with

Hypertension Int J Psychiatry Med. 2006;36(4):483–97.

20 Heymann AD, Shilo Y, Tirosh A, Valinsky L, Vinker S Differences between soldiers, with and without emotional distress, in number of primary care medical visits and type of presenting complaints.

Isr Med Ass J. 2007;9(2):90-3

21 Heymann AD, Chodick G, Kremer E, Green M, Shalev V Pemphigus variant associated with Penicillin use; A case cohort study on 363 patients from Israel Arch Dermatol. 2007;143(6):704-7.

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The Effect of Commitment to the Organization on Physicians' Familiarity With Guidelines for Diabetes in Managed Care Organizations.

J Ambul Care Manage. 2007;30(3):231-240.

23 M Mishali; YS Vaknin; H Omer; AD Heymann Conceptualization and measurement of resistance to treatment: the resistance to treatment questionnaire for people with diabetes Family Practice 2007;24(6):610–5.

24 Chodick G, Green M, Heymann AD, Rosenmann L, Shalev V The shifting epidemiology of hepatitis A following routine childhood immunization program in Israel Preventive Medicine 2007;45(5):386-91 25 Heymann AD, Chodick G, Karpati T, Kamer L, Kremer E, Green M, Kokia E, Shalev V, Diabetes as a risk factor for herpes zoster infection; Results of a population-based study in Israel.

Infection 2008;36(3):226-30

2009;22(4):353-65.

26 Ayalon L, Gross R, Tabenkin H, Porath A, Heymann A, Porter B. Determinants of quality of life in primary care patients with diabetes: implications for social workers. Health Soc Work. 2008;33(3):229–36

27 Vilf-Miron R, Kedem H, Heiman A, Shem-tov O, Kokia E(Redesign of community-based health services: The solution for decreasing the quality gap.

Ha Refoa. 2008;147(8-9):698-701, Review. Hebrew.

28 Gross R, Tabenkin H, Heymann A, Porath A, Porter B, Matzliach R, Greenstein M.

Teamwork in treating diabetes and hypertension in managed care organizations in Israel International Journal of Healthcare Quality Assurance

29 Chodick G), Heymann AD, Ashkenazi S, Kokia E, Shalev V, Long-term trends in hepatitis A incidence following the inclusion of Hepatitis A vaccine in the routine nationwide immunization program

Journal of Viral Hepatitis accepted for publication 6.08

30 Elis A , Rosenmann L, Chodick G, Heymann AD, Kokia E, Shalev V.

The association between glycemic, lipids and blood pressure control among Israeli diabetic patients.

QJM-An international Journal of Medicine. 2008;101(4):275-80

31 Shalev V), Chodick G, Silber H, Kokia E, Jan J, Heymann AD The effect of statin therapy on all-cause mortality: A population-based cohort study Archives of internal Medicine 2009;169(3): 260-268

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33. Endvelt R, Barol-Epel O, Karpaty T, Heymann AD Does low socioeconomic status affect the use of nutritional services by pre-diabetes patients? International Journal of Healthcare Quality Assurance 2009;22(2):157-167

34. Heymann AD, Hoch I, Valisky L, Kokia E, Steinberg D School closure: effective in reducing transmission of respiratory viruses in adults.

Epidemiology and Infection 2009;137(10):1369-76

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Heymann AD, Friedman N.

Can a nationwide media campaign affect antibiotic use? Results of a population-based study American Journal of Managed Care 2009;15:529-34

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Format change of a laboratory test order form affects physician behavior.

International Journal of Medical Informatics.

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Ann Epidemiol. 2010; 20(2):136-42.

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Reducing resistance to diabetes treatment using short narrative interventions.

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Diabetes and risk of incident cancer: a large population-based cohort study in Israel.

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The Risk of Overt Diabetes Mellitus among Women with

Gestational Diabetes: A Population-Based Study Diabetic Medicine 2010; 27(7):779-785

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The use of an automated patient registry to manage and monitor cardiovascular conditions and related outcomes in a large health organization.

Int J Cardiol. 2011;152(3):345-9

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Persistence with statins and onset of rheumatoid arthritis: a population-based cohort study.

PLoS Med. 2010;7;e1000336

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Epidemiology and Infection. 2011;139(9):1379-87

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The Importance of measuring Self-Efficacy in patients with diabetes

Family Practice 2011;28(1) 82-87

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Nutrition Today 2011;46(1):27-32

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Isr Med Ass J 2011;13(9):553-7

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Gestational diabetes and risk of incident primary cancer. A
large population cohort in Israel.

Cancer Causes and Control 2011;22(11):1513-20

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Primary care Intervention Program for the Elderly to Improve Early Detection of Hearing Loss.

Journal of Laryngology and Otology 2012;126(6):574-9

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Treatment Modality, Quality of Life, and Patient-Perceived Difficulties in the Treatment of Type 2 Diabetes. The Review of Diabetic Studies 2012;9(1):46-54.

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- 56. Baker M, Valinsky L, Karpati T, Heymann AD
 The impact of the Yom Kippur fast on Emergency Room Visits among patients with diabetes.
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therapy.

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Efficacy of liraglutide in a real-life cohort.

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The Association of Duration of Type 2 Diabetes with Cognitive Performance is Modulated by Long-Term Glycemic Control The American Journal of Geriatric Psychiatry 2014;22(10):1055-9.

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BMC Endocr Disord 2014. 28;13:61

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Haptoglobin 11 Genotype in type 2 diabetes is associated with

Page 18

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Diabetes Care 2013;36(10):3139-45 (IF 8.087 Rank 8/122)

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Age, gender, and education are associated with cognitive performance in an Israeli elderly sample with type 2 diabetes. International Journal of Geriatric Psychiatry 2014;29(3):299–309 (IF 2.977 Rank 46/135)

65 Endevelt R, Elkayam O, Cohen R, Peled R, Tal Pony L, Michaelis Grunwald R, Valinsky L, Porath A, Heymann AD. Intensive treatment in Family Care Clinics: An effective tool for reducing childhood obesity

J Am Board Fam Med. 2014;27(3):321-8

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performance in elderly subjects with type 2 diabetes. PLoS One. 2014 2;9(6):e97384

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