

# Keith Lyon Meloff, MD, FRCPC

## Curriculum Vitae

Updated: January 2009

### **Education:**

University: MD (Honors), University of Manitoba  
Winnipeg, Manitoba, Canada

### **Postgraduate Education and Qualifications:**

Internship: Rotating- Hennepin County General Hospital  
Minneapolis, Minnesota

Residency: University of Minnesota Hospitals  
1. Pediatrics  
2. Neurology  
3. Chief Resident- Pediatric Neurology

### **Specialty Boards:**

1. American Board of Pediatrics- Certification (14640)
2. Fellow- Royal College of Physicians of Canada- Neurology: 218
3. Fellow- Royal College of Physicians of Canada- Pediatrics: 1162
4. American Board of Psychiatry and Neurology with Special Qualifications in Child Neurology (171)
5. American Board of Psychiatry and Neurology-Neurodevelopmental Disabilities- April 2005-December 31, 2015 (Certificate #54)

### **Licensures:**

1. Licentiate - Medical Council of Canada-(26354)
2. College of Physicians and Surgeons of Ontario-current (25167)
3. National Board of Medical Examiners (88505)
4. State of Florida- current (ME 0026559)
5. State of New York- current (165443-1)
6. State of California-current (44151)
7. State of New Jersey-(25MA07736700)-inactive

## Awards:

### Glenn Sawyer Award-

Ontario Medical Association for outstanding service to the communities of Northern Ontario in Neurology (*directly and via telehealth*) - awarded in Toronto at the Annual Meeting of the Ontario Medical Association-May, 2008.

### University Appointments

- † 2002- 2007      Adjunct Professor, Pediatric Neurology  
Department of Pediatrics- University of Western Ontario
- † 2004-2006      Professor/Director: Pediatric Neurology-  
New Jersey Neuroscience Institute-Edison, New Jersey
- ∅ 1996 -current      Instructor, Division of Neurology, University of Toronto
- ∅ 1990-1994      Guest Lecturer, Pediatric Neurology, Department of Occupational  
Therapy, University of Toronto
- ∅ 1979-1984      Clinical Associate Professor of Pediatrics and Neurology,  
University of Miami
- ∅ 1972-1978      Assistant Professor(Pediatrics-Neurology)University of Toronto

### Clinical Appointments

Consultant Neurologist  
  
Baycrest Hospital-General Neurology and Medical Director  
MS Clinic- Toronto  
Bloorview-Macmillan Kids Rehab Toronto  
University Health Network-Toronto Western Hospital (Toronto)  
Timmins and District Hospital (Timmins)  
Ministry of Health (Ontario)  
Children's Hospital of Western Ontario-London

### Other Appointments

- ∅ 1983 -current      Examiner- American Board of Psychiatry and Neurology
- ∅ 2006- current      Awards committee-Child Neurology Society
- ∅ 2008- current      Peer Assessor-College of Physicians and Surgeons of Ontario

## **Medical Administrative Experience**

- † 2007-current                      Medical Director-Multiple Sclerosis Clinic-Baycrest Hospital Toronto
  
- † 2004-2006                         Professor/Director: Pediatric Neurology-New Jersey Neuroscience Institute-Edison, New Jersey
  
- Ø 1988-1989                         President of Medical Staff and Chairman, Medical Advisory Committee, Hugh Macmillan Rehabilitation Center Toronto, Canada.
  
- Ø 1979-1980                         Director of Pediatric and Adolescent Medicine Grant Center Hospital, Miami, Florida
  
  
  
  
  
  
  
  
  
  
- † 1976-1978                         Medical Director-Easter Seal Society- Toronto

## **Current/Recent Hospital Appointments**

### **Consultant Neurologist to the following:**

- † August 2004-July2006    New Jersey Neuroscience Institute-Edison New Jersey
  
- ▶ Jan. 2004-current:        Baycrest Hospital-Toronto
  
- ▶ 1998-current                Ontario Telehealth Network
  
- ▶ 2002- 2003                 Visiting Child Neurologist: Children’s Hospital of Western Ontario
  
  
- Ø 1996 -2003:                Child and Adolescent Health Unit: University Health Network, Toronto Western Site
  
- Ø 1996 -2003:                Tourette Syndrome Clinic: University Health Network, Toronto Western Site
  
  
- Ø 1981 -current                Bloorview-Macmillan Rehabilitation Center
  
  
- Member: Medical Advisory Committee  
Treasurer:                      1985-1986  
Secretary:                        1986-1987  
Vice President:                 1987-1988  
President of Medical Staff and Chairman Of MAC: 1988-1989  
Member: Board of Trustees 1988-1989

Ø 1981 -current: Timmins and District Hospital, Timmins, Ontario  
Sensenbrenner Hospital, Kapuskasing, Ontario  
Lady Minto Hospital, Cochrane, Ontario  
Kirkland and District Hospital, Kirkland Lake, Ontario

Ø 1981-current: Underserviced Area Program, Ministry of Health,  
Province of Ontario

1998- current: Consultant neurologist-Ontario Telehealth Network

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1978-1981 Consultant neurologist-Jackson Memorial Hospital; Baptist Hospital; Miami Children's Hospital; Medical Director-Grant Center etc. Miami Florida

1972-1978 Staff Neurologist-Hospital for Sick Children-Toronto

### **Professional Associations and Societies:**

1. Child Neurology Society
2. Ontario Medical Association
3. Ontario Association of Neurologists
4. Royal College of Physicians and Surgeons of Canada
5. Canadian League Against Epilepsy  
Founding Member
6. American Board of Psychiatry and Neurology  
Examiner, October 1983-current

### **Voluntary Organizations**

1. Epilepsy Toronto

Director  
Vice-President  
President  
Past President  
Medical Advisory Committee

2. Epilepsy Ontario:

Director  
Chairman - Medical Advisory Committee  
Speaker

Epilepsy Timmins:

Medical Adviser and Speaker

3. Tourette Syndrome Foundation of Canada/Toronto:

Speaker, Medical Adviser

### **Editorial Responsibilities**

1. External reviewer- Postgraduate Medicine-1983-1984
2. External reviewer- Pediatric Neurology-1996-1997
3. Editorial Advisory Board- The Medical Post- 1998-current

### **Symposia (Organized by Dr. K. Meloff)**

1. Epilepsy-Current Knowledge. Canadian Congress of Neurological Sciences. Winnipeg, Manitoba. October 1976.
1. Speech, Language and Hearing Problems of Children. Timmins, Ontario. February, 1977.
2. Epilepsy and the Family Practitioner Symposium. Epilepsy Ontario. Toronto, Ontario. September, 1978.
4. GI- Clinic Day. Queensway General Hospital (QGH). Etobicoke Ontario. April 1983.  
(in collaboration with other members of the education committee.)
5. Respiratory Diseases-Clinic Day. QGH, April 1984.
6. Neurology Clinic Day. QGH, April 1985.
7. Day in Rheumatology. QGH, April 1986.
8. Medicolegal Day. QGH, April, 1987.
9. Day in Diabetes. QGH, April, 1988.
10. Clinical Day in Pediatric Rehabilitation. Hugh MacMillan Rehabilitation Center. ( Inn on the Park ) Toronto, Ontario. May, 1989.
11. Longitudinal Assessment in Alzheimer's Disease.  
(Four Seasons Hotel) Toronto, Ontario. Conference organized for CIBA Canada, Jan 29-30, 1993.
12. International Symposium on Free Radicals, Anti-oxidants and Vitamin E in Clinical Medicine and Preventive Cardiology. Dr. K. Meloff, Chairman. Conference organized for CIBA Self Med, May, 1994.
13. Use and Role Of Intrathecally Administered Baclofen to Control Spasticity. Symposium for the Canadian Paraplegia Association Annual Meeting. Moderated and organized by Dr. K. Meloff on behalf of Medtronic of Canada. Toronto, Ontario. November 11, 1995.
14. Women's Health Conference-Migraine and Epilepsy (Glaxo team) Toronto- Nov.1998.

### **Research Experience:**

1. Protein Synthesis- Adviser: Dr. Murray Fraser, Department of Biochemistry, University of Manitoba
2. The Hyperfibrinogenemic Effect of Catecholamines- Adviser: Dr. Julius Lowenthal, Dept. Of Pharmacology, University of Manitoba
3. The Diabetogenic Effect of Phenothiazines- Adviser: Dr. Marijan Herjanic, Head of Research, Saskatchewan Hospital, Weyburn, Sask.
4. Familial Sideroachrestic Anemia- Adviser: Dr. William Krivit, Professor of Pediatrics, University of Minnesota
5. Gas-Liquid and Thin-Layer Chromatographic Separation and Identification of Catecholamines in Cerebrospinal Fluid- Adviser: Dr. G. Votassery, Neurochemist, VA Hospital, Minneapolis, Minnesota
6. The Effect of Intrauterine Distress and Pathological Labor on the Central Nervous System of Fetal Baboons- Adviser: Dr. E. Stadlan, Neuropathologist, University of Minnesota.
7. Gas-Liquid Chromatographic Separation and Identification of Anticonvulsants in Serum-Adviser: Dr. H. Kupferberg, Pharmacologist, NINDS, Bethesda, Maryland.
8. The Anticonvulsant Effects of Clonazepam and Nitrazepam in Children – The Hospital for Sick Children Research Institute, Toronto. Project Director: Dr. K. Meloff
9. Hyperbaric Oxygen Therapy in Multiple Sclerosis- Canadian Hyperbaric Research Institute/ McMaster University. Project Director: Dr. K. Meloff

### **Invited Papers and Lectures:**

- 1(a). Neonatal Polyuria in a Child with Multiple Congenital Anomalies.
- 1(b). Familial Pyridoxine Responsive Anemia. Northwest Pediatric Society Meeting, Bayport, Minnesota. Fall 1968.
2. Febrile Convulsions. Audio-Digest: Pediatrics, January, 1971.
3. Self Mutilation Syndromes in Children. Children's Hospital, Winnipeg, Manitoba. Spring 1972.
3. Headache in Pediatric Practice. Headache Symposium, Academy of Medicine, Toronto. Nov. 1972
4. What's New in Neurology. Serum Levels of Dilantin and Other Anticonvulsant Drugs. Hospital for Sick Children Alumni Association, Nov. 1972.
6. Convulsions in the Newborn. Management of Pediatric Emergencies - Course for practicing Physicians, Hospital for Sick Children. April, 1973.
7. Febrile Seizures. Department of Pediatrics, University of British Columbia, Vancouver, BC May, 1973.

8. Polyarteritis and Multiple Sclerosis in a 15 Year Old Boy. Canadian Pediatric Society, Quebec City, Quebec. June 1973.
9. Mental Retardation. Advanced Graduate Course In Medicine, University of Toronto, August, 1973.
- 10(a). Atypical Seizures.
- 10(b). Abdominal Epilepsy and Migraine. Medical Staff Association, York County Hospital, Newmarket, Ontario. October, 1973.
11. Dementia in Childhood. IWK Hospital for Children, Halifax, Nova Scotia, April, 1974.
- 12(a). Dementia in Children and Myoclonic Epilepsy in Children.
- 12(b). Pseudotumor Cerebri in Pseudo-Addison-Schilder's Disease. Child Neurology Society, Madison, Wisconsin, October, 1974.
13. Multiple Occurrence of Neonatal Herpes Simplex in the Same Household. J.C. Allen, A.O'Gorman, H. Patriquin, ( Montreal Children's Hospital ) K. Meloff, P. Middleton, D. Armstrong, ( Hospital for Sick Children ) 10th Canadian Congress of Neurological Sciences, London, Ontario. June, 1975.
14. The Epidemiology of Epilepsy. Day in Epilepsy, McMaster University Medical Center, Hamilton, Ontario. May, 1976.
15. Epilepsy-The Problem. Day in Epilepsy, McMaster University Medical Center, Hamilton, Ontario. March, 1977.
16. Detection and Management of Cerebral Palsy. Living with Cerebral Palsy, Children's Hospital of Eastern Ontario and Algonquin College, Ottawa, Ontario. March, 1977.
17. Influence of Attitudes in the Life of a Disabled Child's Growth to Maturation. Canadian Rehabilitation Council for the Disabled Annual Meeting. Toronto, Ontario. May, 1977.
18. Headache. Pediatric Update, University of Toronto, Hospital for Sick Children, Toronto, April, 1978.
19. Neuro-ophthalmic Migraine Syndromes. Neuro-ophthalmology and Medical Retinal Disorders. University of Toronto. April, 1978.
20. Support Services for the Epileptic Patient. Day in Epilepsy, McMaster University Medical Center, Hamilton, Ontario. April, 1978.
21. New Developments in Neurology. Pediatrics 1979. American Hospital. March 1979.
22. Metabolic and Infectious Encephalopathies. Child Neurology, Neurosurgery, Psychiatry. Variety Children's Hospital Child Neurology Postgraduate Course. Miami, Florida. Feb. 1980.
23. Clinical and Neurophysiological Aspects of Encephalopathy in Childhood. Department of Pediatrics, McMaster University, Hamilton, Ontario. April 1980.

24. Headaches in Children. Doctors Hospital Medical Staff. Toronto, Ontario. May, 1991.
25. Limb Paresthesiae. Current Concepts Seminar, Royal Victoria Hospital, Barrie, Ontario, Sept. 1981.
26. Movement Disorders. Queensway General Hospital Grand Rounds, Etobicoke, Ontario. Sept. 1981.
27. Diagnosis of Headache. Headache Seminar. Peel Memorial Hospital. Brampton, Ontario. Jan 1985.
28. Epilepsy 1985. Medical Rounds. Oakville Trafalgar Hospital, Oakville, Ontario. April, 1985.
29. Recent Trends in Epilepsy. Epilepsy Day- Metro Toronto Epilepsy Association, Toronto, Ontario. November, 1985.
30. Myotonic Dystrophy. Medical Rounds. Queensway General Hospital, Etobicoke, Ontario. Dec. 1985.
31. Progress in Tourette's Syndrome. Tourette Syndrome Foundation of Canada. Clarke Institute of Psychiatry. Toronto, Ontario. Feb. 1986.
32. Tics and Tourette's Syndrome. Oakland Children's Hospital Oakland, California. October, 1986.
- 33(a). Adoption- Medical Aspects.
- 33(b). Childhood Aggression and Rage. Contemporary Seminars. Toronto, June 1989.
34. Tourette Syndrome. Ben Gurion University, Beersheba, Israel. March, 1990.
35. Cerebral Palsy. Department of Occupational Therapy. University of Toronto. Toronto, Fall 1990.
36. Parkinson's Disease. A Clinical Day In Neurology. St. Mary's General Hospital. Timmins, Ontario. January, 1991.
37. Muscular Dystrophy. Department of Occupational Therapy, University of Toronto. Toronto, Winter 1991.
38. Update on Multiple Sclerosis. Diagnosis and Treatment. North Bay Medical Society. North Bay, Ontario. Jan. 1992
39. Cerebral Palsy. Department of Occupational Therapy, University of Toronto, Toronto, Ontario October 1993.
40. Pharmaceuticals. Science Related Careers Conference. Upper Canada College. Toronto, February 1993.

41. Seizure Disorders In the Elderly. Geriatric Medicine for the Practicing Physician. Toronto, October 1995.
42. Hypoxic-Ischemic Encephalopathy. Obstetric Malpractice Lawsuits. The Canadian Institute. Toronto, October 1996.
43. Living with Migraine. King's Health Centre. Toronto. August 1997.
44. Special Problems in Epilepsy Therapy: Drug Side Effects Breakthrough Seizures and Seizure " Look Alikes ". Epilepsy Ontario 13th Annual Provincial Conference. A Practical Approach to the Care of Childhood Epilepsy. Timmins, Ontario. September 1997.
45. Chronic Headache. King's Health Centre. Toronto. June. 1998.
46. Recent Advances in Migraine Treatment. Etobicoke Medical Center. Etobicoke (Toronto ) November 1998.
47. Current Management of Transient Ischemic Attacks- Thunder Bay Medical Society Annual Meeting- Thunder Bay, Ontario- Sept. 1999.
48. Treatment Choices in Tourette Syndrome - Tourette Syndrome Association of Ontario - Credit Valley Hospital, Mississauga, Ontario. May 2001.
49. Bacterial Meningitis in Children – Neurological Considerations. Children's Hospital of Western Ontario, London, Ontario. November 2001.
50. Tics and related disorders: a review of current diagnosis and treatment. Children's Hospital of Western Ontario, September,2002
51. Tuberous Sclerosis: LSU-Shreveport, Grand Rounds. May, 2003
52. Update on Multiple Sclerosis, Timmins, Ontario: Sept. 2003
53. Multiple Sclerosis: Advances in Diagnosis and Treatment-Cochrane, Ontario. July 2004
54. Tourette Syndrome-review and discussion: NJ Chapter TSA Parent's group. Edison NJ Nov. 2004
55. Transient Ischemic Attacks- Treat It Actively-Etobicoke Medical Center.Toronto Canada. March 2005
56. Hyperkinetic Movement Disorders. Timmins July 2005
57. Optimal Management of Parkinson's disease-Association of Long term Care Physicians of Ontario-Toronto. October 2005
58. Traumatic Brain Injuries-Neurological aspects. Timmins. Spring 2006
59. Down's Syndrome: International Telehealth Behavioral neurology rounds. Baycrest Hospital/Israel/Jordan/Palestine/Toronto- May 2008
60. The Behavioral Neurology Of Tourette's syndrome: Case report and discussion. Behavioral neurology rounds-Baycrest Hospital.-Toronto, October 2008
61. Tourette's Syndrome-Recent Advances in Diagnosis and Treatment: University of Miami Dept. of Neurology- Grand rounds. Invited speaker. October. 2008

## **Publications:**

1. Seizures and Fever. Keith Meloff. Postgraduate Medicine, Vol. 50, No 1, July 1971.
2. Headaches in Pediatric Practice. Keith Meloff. Headache. Vol. 13, No. 3, October, 1973.
3. Polyarteritis Nodosa Complicated by a Multiple Sclerosis Like Syndrome. H. Waisberg, Keith Meloff, and R. Buncic. Canadian Journal of Neurological Sciences, Vol.1, No.4, November, 1974.
4. Rickettsial, Fungal, and Parasitic Infections of the Nervous System. Keith Meloff. Chapter in " The Practice of Pediatric Neurology " , Edited by Swaiman, K and Wright, F. Mosby, St. Louis. 1975.
5. Herpes Virus Type 2 Encephalitis in Two Neonates From the Same Household. J.C. Allen, G. Watters, A.M. O’Gorman, H. Patriquin, Keith Meloff, P. Middleton, D. Armstrong. Journal of Pediatrics, Vol. 89, No. 6, December, 1976.
6. A Large Head in a Two Year Old Boy. L.Becker, J.B. Armstrong, Keith Meloff, Journal of Pediatrics, Vol. 91, No. 3, pp. 499-502, Sept.,1977.
7. A Case of Schwartz-Jampel Syndrome with Unusual Muscle Biopsy Findings. R. Fariello, Keith Meloff, E.G. Murphy, B.J. Reilly, D. Armstrong. Annals of Neurology, Vol. 3., No.1, January, 1978.
8. Hot Water Epilepsy. W. Szymonowicz and Keith Meloff. Canadian Journal of Neurological Sciences. 1978.
9. Medical Aspects- Technical Aids for the Nonverbal Physically Handicapped. Keith Meloff. National Research Council of Canada. 1978.
10. Unilateral Sixth Nerve Palsy: An Unusual Conversion Reaction. Keith Meloff, G. de Meuron and J.R. Buncic. Psychosomatics. Sept. 1980.
11. Multiple Sclerosis and Polyarteritis ( Letter ) Keith Meloff. Arch. Neurol. Vol. 37, p. 786, Dec. 1980.
12. Hysterical Conversion Reactions. ( Letter ) Keith Meloff, Journal of Pediatrics, Vol.99, No. 8, P 327-328, August, 1981.
13. Rickettsial, Fungal, and Parasitic Infections of the Nervous System. Keith Meloff. Chapter in " The Practice of Pediatric Neurology " , Edited by Swaiman, K and Wright, F. 2nd Edition. Mosby, St. Louis. 1982.
14. Headaches in Children. Keith Meloff., Postgraduate Medicine, Vol. 72, No.5, November, 1982.
15. The Classification Of Seizures. Keith Meloff. EA Update. Epilepsy Association of Metro Toronto. January, 1989.
16. Rickettsial, Fungal, and Parasitic Infections of the Nervous System. Keith Meloff, Chapter in " Principles and Practice of Pediatric Neurology ". Edited by Swaiman, K. Mosby, St. Louis. 1989.

17. The Classification of Headache. Keith Meloff. The Pain Monitor, Vol.2, No.1, Summer, 1989.
18. Headaches in Children. Key Points for the Family Physician. Keith Meloff. The Pain Monitor Vol.2, No.3, Spring, 1990.
19. Drug Dependency and Headache: Breaking the Vicious Cycle. Keith Meloff. The Pain Monitor. Vol.3, No.1. Winter 1991.
20. Tacrine in Alzheimer's disease. (Letter) Keith Meloff. New England Journal Of Medicine, Vol. 328, No. 11, P. 809, March 18, 1993.
21. Rickettsial, Fungal, and Parasitic Infections of the Nervous System. Keith Meloff, Chapter in " Principles and Practice of Pediatric Neurology ". Edited by Swaiman, K. Mosby, St. Louis. 2nd Edition. 1994.
22. Sexuality, Family Planning and Pregnancy in Epilepsy. Keith Meloff. EA Update. Epilepsy Association of Metro Toronto. Vol.8 ( Issue 1 ) Winter 1997.
23. Rickettsial, Fungal, and Parasitic Infections of the Nervous System. Keith Meloff and S.Ashwal. Chapter in " Principles and Practice of Pediatric Neurology " Edited by Swaiman, K. and Ashwal, S. Mosby., St. Louis. Third Edition 1999.
24. Canadian Medicare needs choice (Letter) Keith Meloff. BMJ 2002;324:299 (2 February).
- 25a. Assessment of the compatibility of co-administered 7-Valent pneumococcal conjugate, DTaP/IPV/PRP-T Hib and hepatitis B vaccines in infants 2-7 months of age.  
David W. Scheifele, Scott A. Halperin, Bruce Smith, Keith Meloff, Denzyl Duarte-Monteiro. **Poster 28**. Eighth Annual conference on Vaccine Research. Baltimore May 2005 <http://www.nfid.org/conferences/vaccine05/>
- 25b. Assessment of the compatibility of co-administered 7-Valent pneumococcal conjugate, DTaP/IPV/PRP-T Hib and hepatitis B vaccines in infants 2-7 months of age.  
David W. Scheifele, Scott A. Halperin, Bruce Smith, Keith Meloff, Denzyl Duarte-Monteiro . Vaccine 2006, vol. 24, n°12, pp. 2057-2064 [8 page(s) (article)] (33 ref.)
- 26a. Four case reports of multiple confusional arousals in a single night mistaken for nocturnal seizures, Walters A.<sup>1</sup>, Siddiqui F.<sup>1</sup>, Karia R.<sup>1</sup>, Meloff K.<sup>1</sup>, Sachdeo R.<sup>2</sup>, Chokroverty S.<sup>1</sup> <sup>1</sup>NJ Neuroscience Institute, JFK Medical Center, Edison, NJ, USA; <sup>2</sup>Department of Neurology, St Peter Hospital, New Brunswick, NJ, USA. **Poster 214**. 9<sup>th</sup> International congress of Parkinson's Disease, New Orleans. March 2005.
- 26b. Multiple confusional arousals mimicking nocturnal seizures in a single night Siddiqui F.<sup>1</sup>, Walters A.<sup>1</sup>, Karia R.<sup>1</sup>, Sachdeo R.<sup>2</sup>, Meloff K.<sup>1</sup>, Chokroverty S.<sup>1</sup> <sup>1</sup>NJ Neuroscience Institute, JFK Medical Center, Edison, NJ, USA; <sup>2</sup>Department of Neurology, St Peter Hospital, New Brunswick, NJ, USA. **Poster 122** World Association of Sleep Medicine Berlin, October 2005.  
<http://www.wasm2005.org/index.php?site=abstractview&nav=47&AID=405&lang=e>

### **Educational Films, Television Appearances, Videos, etc.**

1. I'm The Same As Everyone Else. Film.( 30 minutes ). Keith Meloff- Consultant. Produced by Tony Douglas for Epilepsy Toronto, 1976.
2. Tourette's Syndrome. TV ( 30 Minutes ) Keith Meloff, Take 30- CBC Television. Taped Feb. 11,1983.
3. Epilepsy. Video ( 60 Minutes ) Keith Meloff- Moderator. J. Bruni, R. Curtis. Ciba-Geigy, April 1983.
4. International Symposium on Free Radicals, Anti-oxidants and Vitamin E in Clinical Medicine and Preventive Cardiology. Video ( 60 Minutes ) K. Meloff- Discussant. Ciba-Geigy Self Med, May 1994.