

# Full Curriculum Vitae

**K.M. VENKAT NARAYAN**

Ruth and O.C. Hubert Chair of Global Health

Director, Emory Global Diabetes Research

Director, Georgia Center for Diabetes Translation  
Research

Professor of Global Health and Epidemiology

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## Short Biography

**K.M. Venkat Narayan, MD, MSc, MBA., FRCP** is a member of the US National Academy of Medicine (NAM) and is currently Ruth and O.C. Hubert Chair of Global Health; Director, Emory Global Diabetes Research Center; Director, Georgia Center for Diabetes Translation Research, and Professor of Medicine & Epidemiology at Emory University in Atlanta, Georgia, USA. He is served as interim associate dean for research at the Rollins School of Public Health, and has played a number of leadership roles in research strategy and administration at Emory University. Noted for substantial, multidisciplinary work in diabetes public health, with 500 publications (H-index >88 on Web of Science; >150 on Google Scholar), including several high-impact studies, his work exemplifies his leadership in diabetes public health.

Prior to his time at Emory, Dr. Narayan spent 10 years at the U.S. Centers for Disease Control and Prevention, leading science efforts in his role as chief of the Diabetes Epidemiology and Statistics Branch. He was also an intramural researcher at the National Institute of Diabetes and Digestive and Kidney Diseases. His research has focused on the epidemiology of type 2 diabetes, and on large national and international observational and intervention studies to prevent and control the disease, and to translate science into practice and policy. Known for his interdisciplinary work, he is currently also exploring intriguing differences in the pathophysiology of type 2 diabetes in South Asian and other developing countries' populations globally.

Narayan has participated in several international and national committees on type 2 diabetes and other non-communicable diseases. He won the American Diabetes Association's Kelly West Award for outstanding achievement in epidemiology. Narayan is Fellow of the Royal College of Physicians of Ireland, Fellow of the Faculty of Public Health Medicine, UK, Fellow of the American College of Physicians, and Fellow of the American Heart Association. He won the Emory University's Mentor of the Year, the Marion Creekmore award for internationalization, the Danish Diabetes Academy Visiting Professorship at University of Copenhagen, South Asian Health Foundation Lifetime achievement award, and the Nehru Chair at University of Hyderabad.

## SUMMARY OF QUALIFICATIONS and EXPERIENCE

**Dr. K.M. Venkat Narayan**, MD, MSc, MBA, is Director, Emory Global Diabetes Research Center; Director, Georgia Center for Diabetes Translation Research, and Ruth and O.C. Hubert Chair of Global Health and Epidemiology and Professor of Medicine at Emory University (Atlanta, GA, USA), and interim associate dean for research at the Rollins School of Public Health. He is a product of three continents, having lived in India, United Arab Emirates, England, Scotland, and the United States. He is interdisciplinary in his background, having trained in internal medicine, geriatrics, and preventive medicine. Over a 30- year career in research and public health, he has worked as faculty in Aberdeen, Scotland, as intramural scholar at NIDDK, NIH with the Pima Study, led diabetes epidemiology at CDC, and is now as endowed chair at Emory University. Dr. Narayan has contributed substantially to diabetes epidemiology and to non-diseases communicable diseases nationally and globally through his scholarly work (spanning large epidemiological studies, major multicenter randomized controlled trials, health services research, and policy analysis), teaching and mentoring, service, policy, and advocacy functions.

He has published over 490 papers, including several seminal high-impact publications (e.g., lifetime risk of diabetes; projections of diabetes burden; diabetes economics; national tracking of diabetes quality of care; conceptualization of translation research; systematic reviews of young onset type 2 DM, screening, diabetes self-management, global disease control priorities for diabetes). Dr. Narayan has been cited >190,000 times and has an H-index of >150 (Google Scholar), and H-index of >88 in Web of Science, >150 on Google Scholar. He was lead editor “Diabetes Public Health – From Data to Policy”, a state-of-the art evidence synthesis published by Oxford University Press, and has served as founding associate editor for Primary Care Diabetes, associate editor for Clinical Diabetes, guest editor, Annals of Internal Medicine, JAIDS, Global Heart, editorial boards of Diabetes Technology and Diabetes in America. He led the diabetes chapter for the World Bank/NIH Disease Control Priorities (DCP-2) and the next version (DCP-3). Dr. Narayan led the diabetes components for the Global Burden of Disease (GBD) project, is a member of the team that produces the IDF Atlas, and is currently contributing to the next version of NIDDK Diabetes in America, as part of the editorial team and as author on two chapters.

Dr. Narayan has shown remarkable scientific leadership. At NIDDK, he designed the first lifestyle intervention trial in the Pima Indians and was actively involved in the early conceptualization of that led to the multicenter trial of diabetes prevention (DPP). At CDC, he shaped diabetes science starting multicenter studies (e.g., TRIAD, a study of quality of care, and SEARCH, a study of young onset diabetes), expanding diabetes economics models toward vascular complications, leveraging surveillance to forecast future burdens, and importantly, by conceptualizing and introducing rigor and attention to translational research. He is a member of the investigators’ group of the NIDDK DPP trial and the NHLBI ACCORD trial (including a stint as a member of the executive committee). Now at Emory, he has advanced the mission of global non-communicable diseases, has grown an internationally renowned group focused on global and national diabetes, and directs a Global Diabetes Research Center and a NIDDK-P30-funded Georgia Center for Diabetes Translation Research. He has worked with partners in India and Pakistan, assembling a cohort of 50,000 South Asians, and implementing translation trials of diabetes prevention and control, using low-cost scalable approaches, among South Asians.

He has been an active teacher and mentor, and several of his mentees have reached positions of significance. Dr. Narayan has been on the faculty of the renowned Cambridge Epidemiology course and taught diabetes epidemiology at Emory for over fifteen years. Furthermore, he is passionate and takes science to policy, as evidenced by the fact that he

Consults with the WHO, the World Bank, International Diabetes Federation (IDF), American Diabetes Association (ADA), NIH, CDC, and advises various country governments. Dr. Narayan has also served on the ADA scientific committee, its research review committees, and the IDF science committee. He chairs the Rollins School of Public Health's Research Advisory Committee, is on the research advisory committee of the Woodruff Health Sciences, and participates in the Emory Strategic Planning initiatives. Dr. Narayan is often an invited speaker at important meetings (e.g. ADA, IDF, China Health Forum, numerous grand rounds), and gave the closing "Highlights at ADA" 2 years ago, and has served on a variety of science committees for NIH, IOM, IDF, WHO, and other groups. He was also a civil society delegate representing diabetes interests at the UN High Level Summit on non-communicable diseases in September 2011. Dr. Narayan chaired a NHLBI workshop in 2010 on Cardiovascular Disease in Asian Americans, co-chaired a NIH Fogarty International Center workshop on Chronic, non-communicable diseases in HIV+ populations in 2012. He chaired the special issue on NCD for Health Affairs (2015), and is now chairing a Global Heart special issue for NHLBI, and co-chairing a NIH workshop in health disadvantages.

Dr. Narayan is a member of the National Academy of Medicine (NAM), and is Fellow of the Royal College of Physicians of Ireland, Fellow of the Faculty of Public Health Medicine (UK), Fellow of the American College of Physicians, Fellow of the American Heart Association, and member of the American Epidemiology Society. He was a member of the prestigious Duke of Edinburgh Commonwealth Fellowship, a network of global leaders, and participated in the one year-long Leadership Management Institute at CDC. Dr. Narayan participated in a week long National Security Forum, invited by the US Secretary of Air Force. He has trained over 100 junior Faculty, doctoral and post-doctoral fellows, and was Emory University's Mentor of the Year. He won the American Diabetes Association's Kelly West award for outstanding achievement in epidemiology in 2015, the Danish Diabetes Academy fellowship as Visiting Professor, University of Copenhagen in 2015, South Asian Health Foundation lifetime achievement award, and the Nehru Chair in 2016 by the University of Hyderabad, Government of India.

## **PRESENT APPOINTMENTS**

- Present
- *Interim Associate Dean*, Rollins School of Public Health;
  - Director, Emory Global Diabetes Research Center;
  - Director, Georgia Center for Diabetes Translation Research;
  - Ruth and O.C. Hubert Chair, Global Health and Epidemiology, The Rollins School of Public Health, Emory University, Atlanta, GA, USA;
  - Professor of Medicine, School of Medicine, Emory University;
  - Emory Global Health Institute, Distinguished Faculty;
  - Emory Director, Centre for the Control of Chronic Conditions

## **PREVIOUS APPOINTMENTS**

- 2004 – 2006 Chief, Epidemiology and Statistics Branch, Division of Diabetes Translation, Center for Disease Control and Prevention (CDC), Atlanta, GA, USA
- 1996 – 2004 Chief, Epidemiology Section, Division of Diabetes Translation, CDC
- 2002 - 2006 Adjunct Professor, Epidemiology & Global Health, The Rollins School of Public Health, Emory University, Atlanta, GA USA
- 1992 – 1996 Physician/Scientist, N.I.D.D.K, National Institutes of Health, USA
- 1989 – 1992 Consultant/Clinical Senior Lecturer (Associate Professor), Grampian Health Board and University of Aberdeen, Aberdeen, U.K.
- 1988 – 1989 Senior Registrar and Clinical Lecturer, Grampian Health Board and University of Aberdeen, Aberdeen, U.K.
- 1986 – 1988 Registrar and Clinical Tutor, Grampian Health Board and University of Aberdeen, Aberdeen, U.K.
- 1984 – 1986 Registrar, Dryburn Hospital, Durham, U.K.
- 1983 – 1984 Senior House Officer, Basildon and Thurrock Hospitals, U.K.
- 1982 – 1983 General Practitioner, Al Hasmi Clinic, Khorfakkan, United Arab Emirates
- 1980 – 1982 Resident Medical Officer, Allied Medical Group Hospitals, United Arab Emirates

## **QUALIFICATIONS - DOCTORAL AND POST-DOCTORAL**

- 1980 M.B.B.S., (M.D.) St. John's Medical College, Bangalore, India
- 1985 Diploma in Geriatric Medicine (D.G.M), Royal College of Physicians, U.K.
- 1991 Diplomate in Medicine (M.R.C.P.), Royal College of Physicians of Ireland
- 1987 M.Sc (Public Health), University of Edinburgh, U.K.
- 1988 Diplomate in Public Health (M.F.P.H.M.), Faculty of Public Health Medicine, Royal College of Physicians, U.K.
- 1995 M.B.A., Herriot Watt University, Edinburgh, U.K.

1997	American Board in Preventive Medicine
1997	Fellow of the American College of Physicians (F.A.C.P)
2002	Fellow of the Royal College of Physicians of Ireland (F.R.C.P)
2002	Fellow of the Faculty of Public Health Medicine of U.K. (F.F.P.H.M.)
2008	Fellow of the American Heart Association (FAHA)

## **MEDICAL LICENSE AND CERTIFICATION**

- Karnataka Medical Council, India
- General Medical Council, U.K. (Permanent Medical License)
- M.D., State of Maine, U.S. (Full Medical License)
- E.C.F.M.G. Permanent Certification.
- Diplomate in Medicine, Royal College of Physicians of Ireland
- Diplomate in Geriatric Medicine, Royal College of Physicians, U.K.
- American Board of Preventive Medicine
- Diplomate in Public Health Medicine, Royal College of Physicians, U.K.

## **POST-DOCTORAL TRAINING**

Internship: St. John's Medical College and St. Martha's Hospital, Bangalore, India, 1979-80

Internal Medicine Residency: Senior House Officer, Basildon and Thurrock Hospitals, and Registrar, Dryburn Hospital, Durham, U.K., 1983-1986

Public Health Residency: Registrar/Senior Registrar, Grampian Health Board, Aberdeen, U.K., 1986-1989

Senior Research Fellowship: National Institute of Diabetes & Digestive & Kidney Disease, NIH, Phoenix, U.S.A., 1992-96

- Other training:
- 9-month certificate course in Health Economics, Aberdeen University, 1988
  - New England Summer Epidemiology Course, Boston, 1988
  - Ann Arbor Summer Epidemiology Course, 1993
  - Duke of Edinburgh Commonwealth Fellowship, 1992: a 3-week intensive leadership development program for Chief Executives
  - CDC Leadership Management Institute participant, 2002-03

## **HONORS AND PRIZES**

- 2019 Gopalan Oration, Nutrition Society of India
- 2018 South Asian Health Foundation Lifetime achievement award, UK
- 2017 Marion Creekmere award for internationalization, Emory University
- 2016 Elected Member US National Academy of Medicine (NAM)
- 2016 Nehru Chair, University of Hyderabad, Government of India
- 2016 4th Madras Diabetes Research Foundation Gold Medal Oration
- 2015 American Diabetes Association's Kelly West Award for Outstanding Achievement in Epidemiology
- 2015 Danish Diabetes Academy Visiting Professor award

- 2014 H J Mehta Golden Jubilee Oration, St. John's Medical College, Bangalore
- 2011 Mentor of the Year, Emory University
- 2011 DMDRC Gold Medal Oration, India
- 2010, Salim Yusuf Oration, St. John's Medical College Alumni Association
- Research Society for Study of Diabetes in India Oration, 2009
- Elected Fellow of the Madras Academy of Sciences, 2007
- Director, India, China, America (ICA) Institute.
- Nominated for CDC Shephard award, 2004
- CDC Epidemiology Group Award, 2003
- Nominated for CDC Shephard award, 2003
- Invited member, U.S. National Security Forum, Maxwell Air College, 2002, Alabama
- Leadership Management Institute, CDC, 2002-3
- Associate Editor, Clinical Diabetes
- CDC group award for Diversity and Human Relations
- CDC group award for outstanding performance in research in type 2 diabetes in children, 2000.
- CDC Group Honor award for diabetes eye disease, 1999.
- CDC Epidemiology award, 1998. CDC Group Honor award for Equal Employment Achievement, 1997.
- Nominated for Mastership of the American College of Physicians, 1997.
- Represented Scotland at the Duke of Edinburgh's Commonwealth Conference, 1992. This was an intense 3-week international leadership development program.
- Listed in 'Who's Who in Scotland', Carrick Media, Irvine, 1992.
- Cardinal Gracias Prize for Medical Ethics, St. John's Medical College, 1979.
- OBA Merit Scholarship, Bishop Cotton Boys' School, 1967-1971.

### **SIGNIFICANT Other ACCOMPLISHMENTS (SELECTED)**

- Member, Nominating Committee, National Academy of Medicine
- Co-Chair, NHLBI/NIH "Think tank" on health disadvantages
- IOM Committee of CVD Surveillance
- World Diabetes Congress Scientific Committee
- American Diabetes Association Epidemiology Science Committee
- Advisory Board, National Diabetes Data Group, NIDDK, NIH, USA
- ADA Annual Scientific Conference Planning Committee.
- Emory Predictive Health Institute, Technical Advisory Committee
- Oxford Health Alliance, Technical Advisor
- Editor, Global Heart special issue on global NCDs, sponsored by NHLBI
- Theme Advisor, Noncommunicable diseases, Health Affairs
- Advisory Committee on NCD, WHO (EMRO)
- Advisory Board, Health Authority of Abu Dhabi
- Member, IOM Committee, Measurement of Progress for Obesity Prevention
- Member, Civil Society delegation, UN HLM on Noncommunicable diseases
- Member, IOM Committee on CVD Surveillance
- Panel, Wellcome Trust Global Trials Committee
- Chair, NIH Workshop on NCD in HIV
- Priority-setting group, International Diabetes Federation
- Member Futures' Initiative Research Group; led a report on "Big Science" for CDC.
- Led a report on "Public Health Research" for the Director, CDC.
- Member, Public Health Research Workgroup, "Futures Initiative", CDC
- Project Leader, *Diabetes Translational Research Initiative*, TRIAD Study CDC-sponsored multi-center applied research project related to diabetes outcomes in managed care
- CDC Principal Investigator, *NHLBI-sponsored, (ACCORD) multi-center trial of CVD*

- *prevention among people with diabetes.*
- Co-scientist, *SEARCH*, CDC-sponsored multi-center study of childhood diabetes.
- Member, Publications and Presentation Committee, Measurements Committee, Processes of Care Committee, *SEARCH* Study.
- Member, Executive Committee, *NHLBI-sponsored ACCORD trial.*
- Associate Investigator, NIH-sponsored, study of health outcomes of weight loss (Look Ahead)
- Associate Investigator, *NIH-sponsored, multi-center Diabetes Prevention trial (DPP).*
- Member, Cost-effectiveness group, *NIH Diabetes Prevention trial;* and *ACCORD trial.*
- Consultant, *The World Bank: Health Services and Management Project, Hungary;* Development of low-cost algorithm for chronic diseases; Global Investment Strategy development for non-communicable disease control; Review of algorithm for HIV/AIDS control in India.
- Investigator, *PROJECT DIRECT*, CDC-sponsored community-based diabetes prevention project.
- Co-Principal Investigator, *Randomized clinical trial of lifestyle interventions in Pima Indians.*
- Director, *Disease Prevention/Health Promotion Strategy, Grampian Health Board.*
- Associate Investigator, *World Health Organization, multicenter CARDIAC study.*
- Invited expert, *National Academy of Sciences.*
- *Deputy Faculty Advisor for Preventive Medicine/Epidemiology, Scotland.*

#### **SELECTED INVITED TALKS – Beginning from 1994**

- Prevention of NIDDM in the Pima Indians. Sims Nutrition Research Center, University of Vermont, Burlington, 29 September, 1994.
- Community Involvement for Life Style change. Health Promotion Research Center, University of Vermont, Burlington, 29 September, 1994.
- Prevention of NIDDM - Implications for India? Research Society for Study of Diabetes in India, Hyderabad, 17 December, 1994.
- Hypertension in Diabetes. Indian Society of Hypertension, Hyderabad, 18 December 1994.
- Prevention of NIDDM. Diabetes Research Centre, Madras, 21 December 1994.
- Prevention of NIDDM and its complications. Bangalore Hospital, Bangalore, 23 December 1994.
- Preventive Factors in NIDDM - from a nutritional standpoint. Indian Dietetics Association, Bombay, 11 January 1995.
- Diabetes in Native Americans - the problem and its implications. Proceedings of Workshop on Demographics of Native Americans, National Research Council, May, 1995.
- The Role of Economic Appraisal in Clinical and Public Health Decisions, American Diabetes Association, Southern Regional Conference, Key Note Address, May 24, 1998.
- Prevention of Type 2 Diabetes. National Institute of Preventive Medicine, Taipei, 1 June 1998.
- Cost-Benefit Analysis. National Institute of Preventive Medicine, Taipei, 2 June, 1998
- Cost Benefit - Should we focus on Population Base or Target High Risk Group, NIH International Symposium on Obesity: New Directions, Charleston, South Carolina, June 27, 1998.
- Prevention of Diabetes, Global Scenario, Research Society for Study of Diabetes in India, Ahmedabad, December 18, 1999.
- Fasting glucose should be the sole criteria for diagnosing diabetes, Debate. Research Society for Study of Diabetes in India, Ahmedabad, December 19, 1999.
- Translating quality of care research into practice for diabetes. American Diabetes Association, Southern Regional Conference, Key Note Address, May 30, 1999.
- Diabetes is a large, serious, growing, and potentially preventable public health problem. Chinese-Taipei Diabetes Association, 20<sup>th</sup> Annual Conference, Key Note, Taipei, March 2000.



- Macrovascular Disease in Diabetes (workshop). American Diabetes Association, Southern Regional Conference, May 2000.
- Translation Research: Linking Research with Clinical and Public Health Practice (symposium talk). American Diabetes Association, 60th Scientific Conference, San Antonio, June 2000
- Epidemiology of Type 2 Diabetes in Children (Council talk). American Diabetes Association, 60th Scientific Conference, San Antonio, June 2000.
- National Public Health Perspective (symposium talk). American Diabetes Association, 61th Scientific Conference, Philadelphia, June 2001.
- Diabetes, a priority for the world, a question for governments. Primary Care Europe, Stockholm, 10 May 2002.
- Translating Research into Practice for Diabetes. Lilly Update, Thailand 28, 29 April 2002.
- Diabetes, a priority for the world, a question for governments. 3<sup>rd</sup> World Congress on Prevention of Diabetes and its Complications, Hong Kong 1 October, 2002
- Diabetes, a priority for the world, a question for governments. Key-note, Diabetes Scotland 2002, Glasgow 14 November, 2002
- Diabetes 2020 (Keynote). American Diabetes Association Conference, 23 May 2003, Florida.
- Macrovascular disease in diabetes (Symposium). American Diabetes Association Conference, June 2004, Orlando, Florida.
- Vascular Burden in Diabetes. CVD in Asia. Mumbai Sept 19, 2005.
- Diabetes Control Priorities (Keynote). Chinese Diabetes Congress. Shanghai 9 Oct 2005.
- Controlling Chronic Diseases: Importance of Access (Keynote). Delaware Medical Society, Wilmington, 22 Oct 2005
- Pathways to Prevention: Genetic and Environmental Factors (Keynote). American Diabetes Association Conference, May 2006, Marco Island.
- The Role of Public Health in Prevention of Overweight and Type 2 Diabetes in Children. American Diabetes Association Conference, May 2006, Marco Island.
- Diet and Physical Activity: Do We Know Enough? WHO/Cambridge Diabetes Epidemiology Course, June 2006, Cambridge, UK.
- Community-based Interventions to Improve Diet and Activity. WHO/Cambridge Diabetes Epidemiology Course, June 2006, Cambridge, UK.
- Screening for Diabetes: Evidence For and Against. WHO/Cambridge Diabetes Epidemiology Course, June 2006, Cambridge, UK.
- A "Polypill" for Diabetes and Kidney Diseases. Fogarty International Center, NIH, July 2006, Bethesda, USA
- Various Dimensions of a Polypill for CVD Prevention. Committee on Disability among older adults. National Academy of Sciences, September 2006, Washington, USA.
- Motivators and Inhibitors of Prevention of Diabetes. National Institutes of Health meeting on Pathogenesis and Prediction of Diabetes. October, 2006, Bethesda, USA
- DHR-INMD Diabetes Surveillance Systems Committee. Canadian Health Research. October 26-27, Toronto.
- National Diabetes Data Group. NIDDK, NIH. December, 13-14, 2006
- Diabetes Inter-agency Coordinating Committee. Panel on Diabetes in America. NIDDK. Washington, January 18, 2007
- Linking Markets with Farmers – Health Care Infrastructure. ICAI and University of Illinois Conference. New Delhi, 1-2 February 2007.
- Public Health Approach to Obesity and Diabetes in Adults and Children (Keynote). American Diabetes Association Southern Regional Conference, Orlando, May 24, 2007.
- Will a Drug Alternative Replace Lifestyle for Diabetes Prevention? American Diabetes Association Southern Regional Conference, Orlando, May 24, 2007
- The Best at ADA. American Diabetes Association Annual Conference, Chicago, June 22-26, 2007
- CDC Preconception Conference. Cardiometabolic Environment in Pregnancy and Offspring Outcomes, , Oakland, October, 2007

- Disease Management Conference, Rise of China and India: Implications for Global Health, , Singapore, November, 2007
- Disease Management Conference, Screening for Prediabetes and Diabetes, Singapore, November, 2007
- Prevention of Diabetes, St. Johns Medical College Bangalore, November, 2007
- Center of Excellence for Cardio-metabolic Diseases, New Delhi, Ovations Site Visit, December, 2007
- Center of Excellence for Cardio-metabolic Diseases, Sydney, Ovations/NHLBI Meeting, February. 2008
- Prevention of Diabetes and Cardiovascular Diseases: Lifestyle and Polypill, Global Health Institute, Sydney, February 2008
- Translation Trial for Prevention of Diabetes Complications, Ovations Center Meeting, New Delhi, April 2008
- Clinical Highlights, American Diabetes Association Southern Conference, Orlando, May 2008
- Social Metabolism: Role of Government, American Diabetes Association Southern Conference, Orlando, May 2008
- Institutions for Global Chronic Diseases Research and Development, Workshop, Harvard Kennedy School of Government, Boston June 2008
- Diabetes: Genes to Prevention, Medical College of Georgia, Augusta, June 2008
- Diabetes: Genes to Prevention, Birmingham, UK, July 2008
- Collective Approaches to Diet and Exercise, Cambridge University, UK, July 2008
- Diet and Diabetes – Do we know enough?, Cambridge University, UK, July 2008
- Prevention of Type 2 Diabetes: Genes or Lifestyle. Emory Predictive Health Conference, December 2008.
- Prevention of Type 2 Diabetes: Genes or Lifestyle. Cambridge University, UK, January 2009.
- Prevention of Type 2 Diabetes: Genes or Lifestyle. Madras Diabetes Research Foundation India, February 2009.
- Prevention of Type 2 Diabetes: Genes or Lifestyle. All India Institute of Medical Sciences, Delhi, Indo-US Summit, February 2009.
- Diabetes Prevention and Control Priorities, Government of Pakistan, Islamabad, National Commission on NCD, April 2009.
- Control of NCD – Global Perspectives, Government of Pakistan, Islamabad, National Commission on NCD, April 2009
- History of diabetes: lessons for research. American Diabetes Association Conference, Orlando, May 2009.
- Screening for dysglycemia. The Aga Khan University, Karachi, September, 2009.\
- Screening for dysglycemia. International CVD epidemiology course, Hyderabad, September 2009.
- How to ask a scientific question? PHFI/Emory D43 course, Hyderabad, September 2009.
- Preventing diabetes and its complications. US-India Symposium, New Delhi, September 2009.
- Cost-effectiveness analysis? PHFI/Emory D43 course, Hyderabad, September, 2009
- Translational research. World Diabetes Congress, Montreal, October, 2009
- Grant writing for Translational research. World Diabetes Congress, Montreal, October, 2009
- Diabetes disease management. PHFI Disease Management symposium, Delhi. October, 2009
- Halving the incidence of diabetes and its complications: Be the change you want to see. Research Society for Study of Diabetes in India, Ahmedabad, November 2009.
- Screening for dysglycemia. Madras Diabetes Research Foundation, Chennai, November 2009.
- Global CVD Network. MRC India-UK workshop. Delhi, November 2009.
- Primary prevention of diabetes. Gainesville Health Systems, November 2009.
- Etiological Epidemiology, MRC/CNAS/Cambridge diabetes symposium. Hangzhou, April

2010

- Global burden of diabetes, MRC/CNAS/Cambridge diabetes symposium. Hangzhou, April 2010
- Community interventions, MRC/CNAS/Cambridge diabetes symposium. Shanghai, April 2010 Hangzhou
- Debate: Community interventions do not work. NHLBI COE meeting, New Delhi April,
- Primary prevention of diabetes. Emory Medical Grand Rounds, April 2010.
- Priorities for diabetes control. World Diabetes Foundation, Salvador, June 2010
- Salim Yusuf Oration, SJMC Alumni Association, Baltimore, July 2010
- Lifestyle interventions for chronic disease, INSP, Cuernavaca, July 2010
- Global Burden of NCD. DFID/World Bank Rural China Health Project, Shanghai, Dec 2010
- Public Health Strategies of Control of NCD. DFID/World Bank Rural China Health Project, Dec 2010
- Health system strategies for control of NCD. DFID/World Bank Rural China Health Project, Dec 2010
- Priorities for NCD Control. DFID/World Bank Rural China Health Project, Zhengzhou, Dec 2010
- Noncommunicable diseases – where the worlds meet. UN Summit Global Diabetes Symposium. Einstein School of Medicine. September 2011.
- Noncommunicable diseases – where the worlds meet. Surgical Grand Rounds. Harvard School of Medicine, September 2011.
- Global Diabetes. Grand Rounds, Vanderbilt University, July 2012
- Opportunities for Surveillance and Translation Research, NIDDK/ICMR Workshop, New Delhi, Feb 5-6, 2013
- Global Burden of NCDs. Wellcome Trust Frontiers Meeting, March 5, 2013
- Global Diabetes. China Health Summit Keynote. Beijing, April 16, 2013
- Quality of Diabetes Care, American Diabetes Association Southern Regional Conference, Orlando May 25, 2013
- Highlights of Conference, American Diabetes Association Southern Regional Conference, Orlando May 26, 2013
- Global Diabetes. American College of Laboratory Pathologists and Scientists Annual Meeting, Atlanta, June 8, 2013
- Prevention of type 2 diabetes. Harvard School of Public Health, Boston, June 18, 2013,
- Diabetes in India, Harvard School of Medicine, Boston, July 11, 2013
- Memories of Idle and Confused Days, and Pathways to Prevention of type 2 diabetes. St. John's Medical College Golden Jubilee H.J. Mehta Oration, August 10, 2013, Bangalore
- Health Care Affordability Act and Diabetes Care (Key note), American Diabetes Association, Miami, November 2013
- World Diabetes Day Lecture, Duke University, Durham, November, 2013
- Outcomes of Diabetes Prevention, World Diabetes Congress, Melbourne, Dec 2013
- Value of cohort studies, Indo-US Harvard meeting, New Delhi, December 2013
- Challenges of collaboration, Indo-US Harvard meeting, New Delhi, December 2013
- Global Burden of noncommunicable diseases, American College of Preventive Medicine, New Orleans, Feb 2014
- Setting priorities for diabetes (key note), Kingdom of Saudi Arabia, Ministry of Health, Riyadh, April 2014
- Causal inference, International Cardiovascular Epidemiology and Prevention course, Coorg, India, May 2014
- Diabetes Mellitus, an introduction, International Cardiovascular Epidemiology and Prevention course, Coorg, India, May 2014
- Lifestyle interventions, International Cardiovascular Epidemiology and Prevention course, Coorg, India, May 2014
- Global Diabetes, University of Copenhagen, Dec 2014

- Global NCD, CUGH, Boston, March 2015
- Kelly West lecture, ADA, June 2015
- Low-cost innovations, Council on Foreign Affairs, June 2015
- Diabetes and eye health, Helen Keller Foundation, June 2015
- Phenotypes of type 2 diabetes. Danish Diabetes Academy, Nyborg, November, 2015
- Challenges in implementation research (key-note), Harvard School of Public Health, Stakeholders meeting on Implementation Research, December, 2016
- Global Implementation Research, Academy Health and NIH, Implementation Conference, Boston, December, 2015
- Steno Roundtable. Gave talk on “Diabetes Prevention in LMICs” and engaged in workshop, Copenhagen, August 27-28
- Mini Symposium at University of Lund. Gave talk on “Type 2 diabetes in South Asians”, Malmo, September 3, 2016
- Steno Diabetes Center on “Type 2 diabetes in South Asians”, Copenhagen, September 4, 2016
- “Global Noncommunicable Diseases” to MSc (Global Health) students, University of Copenhagen, Copenhagen. September, 2015
- Mini Symposium on Family matters and diabetes. Gave talk on “Role of Family in Diabetes”, University of Copenhagen, September, 2015
- Danish Diabetes Academy Annual meeting, Nyborg. Gave talk on “Type 2 diabetes phenotypes – Insights”, November, 2015
- Video-recorded Coursera course on global diabetes with Professor Flemming Konradsen at University of Copenhagen
- Global Diabetes. South Carolina, Charleston Sept 17, 2015
- Type 2 diabetes: Why we are winning the battle but losing the war. Nutrition Health Sciences seminar, Emory, Sept 24
- Type 2 diabetes: Scientific opportunities from global research, NIDDK, Oct 1
- CVD: Scientific opportunities from global research, NHLBI, Oct 1
- Type 2 diabetes: Why we are winning the battle but losing the war. MDRF, Chennai, Nov 2015
- Nalanda Distinguished Lecture, Economics, Demography, Health – the confluence of globalization, November, 2015
- Implementation Sciences – Challenges and Opportunities (Key-note), Harvard School of Public Health, Dec 10
- Global Lessons for Implementation Sciences, Academy Health, DC, Dec 16
- Type 2 diabetes: Why we are winning the battle but losing the war. Nephrology Grand Rounds, Emory, Feb 22, 2017
- Type 2 diabetes in Asians, Asia Society, Hong Kong, March 2016
- My journey as a researcher (special talk), PHFI, Delhi, March 2016
- Lessons from US-HIC comparisons, NHLBI, April 5, 2016
- Global Diabetes and Obesity: Cardiology Symposium, Atlanta, April 15, 2016
- TB and Diabetes, NIH Symposium, Bethesda, May 10, 2016
- MDRF Gold Medal Oration, Alfa and Omega of type 2 diabetes – the secret is in the beta cell, Chennai, July 30, 2016
- Public health challenges for Qatar, Qatar Foundation and University, Doha, September 2016
- 21st Century Public Health Challenges. University of Chicago, Chicago, Oct 2016
- 21st Century public health challenges, University of Copenhagen, Oct 2016
- Video-recorded Coursera course on global diabetes with Professor Flemming Konradsen at University of Copenhagen
- Nalanda Distinguished Lecture, Economics, Demography, Health – the confluence of globalization, Yale University, Grand Rounds, November 2016
- Keynote talk. Interdisciplinary science, Yale University, November 2016
- Global diabetes and its mysteries. New York University, Grand Rounds, December 2016

- Nalanda Distinguished Lecture, Economics, Demography, Health – the confluence of globalization, Rutgers University, February 2017
- Nalanda Distinguished Lecture, Economics, Demography, Health – the confluence of globalization, Public Health Foundation of India, New Delhi, March 2017
- Global diabetes and its mysteries. Jawaharlal Nehru University, New Delhi, April 2017
- Keynote talk. Mysteries of Asian type 2 diabetes, , May 2017
- Keynote. Public health for the 21st century: Unfinished agenda, Annual Conference, Singapore, May 2017
- Keynote talk. Diabetes Care Gaps, American Diabetes Association, Orlando, May 2017
- Keynote talk. Closing Diabetes Care Gaps, American Diabetes Association, Orlando, May 2017
- Plenary talk. Type 2 diabetes phenotypes in South Asians, Annual Meeting, Colombo, Sri Lanka, July 2017
- Plenary talk. Diabetes Prevention and Control – from data to policy, Annual Meeting Colombo, Sri Lanka, July 2017
- US-Israel Meeting. Prevention of type 2 diabetes, Haifa, July 2017

## TEACHING

1. Taught 15-hour courses in Epidemiology and prevention to third year medical students at Aberdeen University, 1987-1992.
2. Developed and taught a 30-hour module in disease prevention and health promotion for B.Sc (Health Sciences) at Aberdeen University, 1989-92.
3. Developed and taught a 15-hour course in nutritional epidemiology for M.Sc (Nutrition) at Aberdeen University, 1989-92.
4. As Deputy Faculty Advisor for Public Health in Scotland, 1989-1991, developed and monitored training programs, and trained residents.
5. Supervised several Masters and PhD students.
6. Program Faculty, American Diabetes Association Southern Regional Conference, 1998-2000.
7. Full semester course on “Diabetes Public Health”, Rollins School of Public Health, Since 2003.
8. 5-day Course on Diabetes Public Health, CDC, 2003.
9. Faculty Cambridge University Diabetes Seminar, Since 2006
10. Full semester course on “Knowledge translation”. Rollins School of Public Health. Since 2009.
11. International CVD Epidemiology Seminar, 2009
12. PHFI-Emory Chronic Diseases Epidemiology Seminar, 2010
13. PH-LEADER Course, 2013-2016
14. University Course, Rapidly Accelerating Technology: Challenges and Opportunities, 2017-

## CHAIR DOCTORAL DISSERTATION COMMITTEES, Chaired

1. Reena Oza-Frank, (Completed 2009)
2. Mary Beth Weber (Completed, 2011)
3. Jessica Marcinkevage (Completed, 2013)
4. Kirsten Herrick (Completed, 2012)
5. Lisa Staimez (Completed, 2013)
6. Karen Siegel (Completed, 2014)
7. Unjali Gujral (Completed, 2015)
8. Matt Magee (Completed, 2013)
9. Samrawit Yishahak (Current)
10. Nida Shaikh (Current)
11. Elizabeth Rhodes (Current)
12. Whitney Leet (Current)
13. Yara Beyh (Current)

Other doctoral and postdoctoral mentoring - **Been involved in training nearly long-term 100 trainees, and another 100 short-term trainees.**

## RESEARCH GRANTS

### SINCE AUGUST 2007 (JOINING EMORY)

#### ACTIVE

#### Pending Support with Fundable Score

1P30DK111024-01                      Venkat Narayan (PI)                      07/01/16 - 06/30/21

National Institutes of Health

Georgia Diabetes Translation Research Center

The goal of this center is to serve as a platform to increase investigator capacity, share expertise, and generate and disseminate knowledge to influence practice and policy to improve diabetes outcomes.

#### Ongoing Research Support

1R01HL125442-01                      Venkat Narayan/Prabhakaran (PIs)                      09/01/15 - 05/31/20

National Heart, Lung, and Blood Institute / National Institutes of Health

Worksite Lifestyle Program for Reducing Diabetes and Cardiovascular Risk

This study will test the implementation, effectiveness, cost-effectiveness, and acceptability of a worksite lifestyle improvement program that includes lifestyle education classes led by trained individuals from the worksite and improvements in the worksite environment that will make it easier for employees to lose weight, exercise more, and eat a healthier diet.

Role: Principal Investigator

R21DK099716                      Phillips (PI)                      07/01/14 - 06/30/16

National Institutes of Health

Reach, Outcomes and System Impacts of the VA's National Weight Loss Program: MOVE

This study will look at which disparities affect enrollment and participation in MOVE, determine the extent to which participation in MOVE improves cardiometabolic risk, and determine the impact of participation on healthcare system resource use and costs.

Role: Co-Investigator

50FETP                      Venkat Narayan (PI)                      06/01/15 - 03/31/16

CDC Foundation

Field Epidemiology Training Program (FETP) Research Compendium

The goal of this project is to develop a research compendium on cancer, tobacco, injury,

hypertension, and maternal/child health to assist FETP residents in developing robust protocols and carrying out applied field studies.

Role: Principal Investigator

RWJF 70769 (Mehta)

03/15/13 –

03/14/15

Robert Wood Johnson Foundation

Developing user-friendly tools to aid state policy-makers to reduce cardiovascular disease

This study will synthesize high quality data to produce estimates that are accessible to state officials and other interested groups to aid in the evaluation of the health and costs burdens imposed by CV risk factors. It will also produce a flexible data infrastructure and methodology to monitor state-level trends and rankings in CV risk factors and related health outcomes.

Role: Co-Investigator

R01MH100390-01 (Ali)

04/01/13 –

03/31/18

FIC / NIH

Integrated Care for Co-morbid Depression and Diabetes in India

The goal of this project is to provide better care and preventative services for people with both depression and diabetes, we propose to use feedback from patients in India to culturally-adapt a model of combined depression and diabetes care, and evaluate this care model's effectiveness and costs in a trial at three diabetes clinics in India.

Role: Co-Investigator

No number (Ali)

05/15/13 –

05/14/15

Institute of Health Metrics and Evaluation

Assessing the Impacts of Implementing Diabetes Prevention and Hypertension Control Globally

This study will involve compiling literature and quantitative analyses to develop and validate an efficacy-to-effectiveness conversion tool and then uses two test cases (diabetes prevention and hypertension control) to estimate the avoidable burdens of disease and mortality worldwide.

Role: Co-Investigator

1R25TW009337-01

Vermund (PI)

07/01/12 –

06/30/17

FIC / NIH

Vandy-Emory-Cornell-Duke Consortium for Fogarty Global Health Fellows

The major goal of this project is to nurture a new generation of global health researchers through a collaborative training program with overseas research institutions from low and middle- income countries with which our universities have worked for decades.

Role: Co-Investigator

BWF 1008188

Brigham (PI)

02/01/09 – 01/31/15

Burroughs Wellcome Fund

Human Health Molecules to Mankind (M2M)



The goal of this project is to create a unique group of biomedical scientists, qualified for faculty appointments in traditional departments of laboratory or population sciences, with the ability to bridge traditional departments in a broader approach to research and teaching.

Role: Co-Investigator

5D43TW009135-02 Narayan/Prabhakaran/Block (Co-PIs) 07/12/12 – 02/28/17  
FIC / NIH

Health Systems and Implementation Sciences Institute for NCDs

The major goal of this project is to develop leadership and research skills in implementation science and health systems among high-potential junior and mid-career professionals from Latin America and South Asia.

Role: Co-Principal Investigator

### **Past Research Support**

HHSN268200900026C Narayan/Prabhakaran (Co-PIs) 07/01/09 –  
09/30/14

National Heart Lung and Blood Institute

Centre of Excellence for Prevention and Control of Cardiometabolic Diseases in South Asia

The major goal of this project is to establish a center in New Delhi for prevention and control of cardiometabolic disease in South Asia that will serve as a research hub, will train world-class investigators and build research capacity, and produce and disseminate innovative, science-driven, and low-cost solutions.

Role: Co-Principal Investigator

1 D43 HD065249-03 Tandon/Narayan (Co-PIs) 09/15/09 – 06/30/14  
FIC and NICHD /NIH

Interdisciplinary Research Training: NCD Epidemiology and Prevention in India

The major goals of this project are to provide short-term training (four months) at Emory for junior faculty researchers from South Asia and long-term training (two years) for post-doctoral fellows from South Asia in South Asia and at Emory in order to build a critical mass of NCD researchers and incorporate them within integrated NCD research programs in India.

Role: Co-Principal Investigator

1 R18 DK082401-04 Sattin (PI) 09/30/08 – 07/31/13  
NIDDK / NIH

Fit Body and Soul: A Lifestyle Intervention for Diabetes Prevention Conducted Through African-American Churches

The major goal of this project is to conduct a randomized control trial of church-based diabetes prevention intervention in rural Georgia.

Role: Co-Investigator

No grant number Narayan/Prabhakaran (Co-PIs) 08/01/11 –  
07/31/12

C3 / United Health Group

The major goal of this project is to establish a center in New Delhi for prevention and control of cardiometabolic disease in South Asia that will serve as a research hub, will train excellent investigators and build research capacity, and produce and disseminate innovative, science-driven, and low-cost solutions.

Role: Co-Principal Investigator

1R03HD061509-01A1                      Cunningham (PI)                      04/01/10 – 03/31/12  
NICHD / NIH

Do state-level school nutrition requirements promote healthy eating and weight?  
The major goal of this project is to evaluate the potential of state policies that address school breakfast and sweetened beverage availability to improve healthy eating and body weight in elementary and middle school children.

Role: Co-Investigator

1R03HD060602-01A2                      Cunningham (PI)                      01/01/11 – 12/31/13  
NICHD / NIH

Family Life and Child Obesity: Interactions that Matter

The goal of this project is to examine how family structure is associated with children's nutrition and nutritional choices in school and with children's obesity risks, and the importance of home-based activities for children's nutrition and weight trajectories.

Role: Co-Investigator

508-D97189                                  Phillips (PI)                                  05/15/08 – 12/31/12

Veteran's Administration

Accuracy of Initial Diagnosis Diabetes in the VHA

The major goals of this project are to evaluate the accuracy of initial diagnoses of diabetes in patients by reflecting diagnostic antecedent hyperglycemia.

Role: Co-Investigator

LT07-115                                      Venkat Narayan (PI)                      05/01/08 – 10/30/11  
BRIDGES (International Diabetes Federation)

A Translation Randomized Trial of a Culturally Specific Lifestyle Intervention for Diabetes Prevention in India

Evaluate the effectiveness, cost-effectiveness, and sustainability of a community-based diabetes prevention program in Chennai, India using a randomized controlled trial, with 700 people with "pre-diabetes".

Role: Principal Investigator

1 R34 DK081723-01A1                      Venkat Narayan (PI)                      07/01/09 – 06/30/12  
NIH/NIDDK

A Culturally Tailored Lifestyle Intervention to Prevent Diabetes in South Asians: A Pilot Study

The major goals of this project are to develop a culturally appropriate lifestyle intervention for South Asians with sensitivity to socio-cultural norms in the South Asian community, and implement the culturally specific lifestyle intervention in the South Asian community as a randomized controlled pilot study.

Role: Principal Investigator

1 R21 DK081878-01A1                      Vaquera (PI)                                  06/01/09 – 05/31/11  
NIH / NIDDK

Friendships and Risk of Overweight among Diverse-origin Adolescents

The major goals of this project are to investigate the importance of body weight for social wellbeing in adolescence and the pathways of influence within social networks that can affect health behavior and health in young people.

Role: Co-Investigator

5R24TW007988-05                      Vermund (PI)                                  07/23/09 – 06/22/11  
Fogarty International Center / NIH

Fogarty International Clinical Research Scholars and Pre-Vetted Fellows Support Center  
The major goals of this project are to provide training for India-US scholar “pairs” and post-doctoral Fellows in the prevention and control of chronic diseases such as diabetes and cardio-metabolic disease and stroke.

Role: Emory Principal Investigator

Interagency Personnel Act Agreement  
Centers for Disease Control and Prevention

02/01/07 – 03/25/11

Services to Division of Diabetes Translation Collaborate in the TRIAD, SEARCH, and ACCORD multi-center studies, and serve as senior editor of a CDC-NIH text-book “Diabetes Public Health: From Data to Policy” to be published by Oxford University Press.

Role: Co-Investigator

GHI

Martorell (PI)

01/01/08 –

12/31/09

Global Health Institute  
China-Emory-CDC

Collaborative analyses and publication of articles based on existing data from the Division of Birth Defects and Developmental Disabilities of CDC and the Peking University Health Science Center, China (PUHSC).

Role: Co-Investigator

### **BEFORE JOINING Emory University**

CDC Cooperative agreements # 00097. Childhood diabetes registry (SEARCH) Study. *\$2,000,000 for year one, and estimated \$6.6 million per year for subsequent 4 years. Total approximately \$20 million.*

CDC Cooperative agreements # U48/CCU 916382, 516410, 516386, 216385, 916373, 916380 and contract # 200-98-0426. Translating Research into Action for Diabetes (TRIAD) Study. *\$2,379,764 for first year, and estimated \$4 million per year for subsequent four years. Total approximately \$18 million.*

CDC Purchase Order # 9962329, 1998. The contribution of obesity to all-cause and cardiovascular deaths among persons with type 2 diabetes. *\$94,795*

CDC Purchase Order # 9769365, 1997. Development of low-cost clinical management protocols for diabetes in India. *\$63,883.*

CDC Task-order # 200-95-0953, 1995. Developing a research agenda for diabetes in managed care. *\$35,002.*

CDC Contract # 200-95-0953 and Task-order 0953-019. How diabetes is diagnosed? *\$104,595.*

CDC Task-order # 0953-022. Evaluation of HbA1c as a quality of care indicator. *\$74,979.*

CDC Contract #200-95-0949, 1995. Evaluation of Community-based diabetes prevention program. Project DIRECT. *\$1,613,037.*

Chief Scientist Office, SOHHD, 1992. Grampian Lifestyle Cohort Study -An Evaluation of Record Linkage. *£26,000 to cover software development.*

Clinical Resource Audit Group, SOHHD, 1992. Audit of GPASS System as a Potential Source of General Practice Morbidity Data. £221,333 over three years.

Chief Scientist Office, SOHHD, 1991. A Community-led, High Profile Heart Health Promotion Launch -What Can it Achieve? £2409.60.

Clinical Resource Audit Group, SOHHD, 1991. A Framework of Audit for Public Health Medicine. £21,000.

Grampian Health Board Audit Funds, 1991. Audit of Information Systems for Health Target Setting. £13,493.

Chief Scientist Office, SOHHD, 1990. Survey of Practical Dietetic Knowledge of Health Care Workers. £5000.

Grampian Health Board Research Funds, 1989 & 1990. Lifestyle Survey. Total of £13,000.

Chief Scientist Office, SOHHD, 1988, MMR Seroprevalence Study. £1,500.

Grampian Health Board Research Funds, 1988. Evaluation of a Structured Participatory Smoking Cessation Course.

## **EDITORIAL/PEER REVIEWING EXPERIENCE**

- Publication reviews for Journal of the American Medical Association (JAMA), Annals of Internal Medicine, Diabetes Care, Diabetic Medicine, British Medical Journal, American Journal of Epidemiology, Diabetologia, Health Affairs, and Journal of General Internal Medicine, BMJ, JAMA, CDJ.
- Grants and Contracts reviews for CDC, NIH, National Research Council Canada, Canadian Diabetes Association.
- Associate Editor, Clinical Diabetes
- Associate Editor, Canadian Diabetes Journal (Current)
- Associate Editor, Primary Care Diabetes (Current)
- Editorial Board, Diabetes and Technology (Current)
- Supplement Guest Editor, Annals of Internal Medicine
- Supplement Guest Editor, Health Care Management Sciences
- Editorial Board, Diabetes Metabolism Reviews

## **BOOKS**

1. Diabetes Public Health: From Data to Policy. **Narayan KM**, Gregg EW, Cowie C, Williams DE. Eds. Oxford University Press, 2011
2. Education for Innovation. DeHaan R, **Narayan KM**. Eds. Sense Publishers, Rotterdam/Taipei, 2008.
3. Diabetes in America, 3rd ed. Cowie CC, Casagrande SS, Menke A, Cissell MA, Eberhardt MS, Meigs JB, Gregg EW, Knowler WC, Barrett-Connor E, Becker DJ, Brancati FL, Boyko EJ, Herman WH, Howard BV, **Narayan KMV**, Rewers M, Fradkin JE, Eds. Bethesda, MD, National Institutes of Health, NIH Pub No. 17-1468, 2018

## **PUBLICATIONS**

1. **Narayan KM**, Birt CM. Influence of life-style on prevalence of hypertension in the Western Isles. *IV International Conference in Systems Science in Medicine*, Lyons (1988).

Major Health Care Problems III, Masson, Paris.

2. Nicoll PM, Narayan KM, Paterson JG. Consumer knowledge and attitude towards cervical screening. *IV International Conference in Systems Science in Medicine*, Lyons, 1988.
3. Dev VJ, Narayan KM, Nicoll P, MacDonald L. Screening for aortic aneurysm). *Lancet*

1988; ii: 1028.

4. **Narayan KM.** Measles, Mumps and Rubella Vaccine Coverage. *Lancet* 1989; i:271-272.
5. **Narayan KM.** Campylobacter infection in Urban and Rural Populations in Scotland - Changes between 1978-82 and 1983-87. *Communicable Disease Scotland* 1989; 32:6-10.
6. **Narayan KM.** Epidemiology of enteric fever in Scotland, 1978-87. *Communicable Disease Scotland* 1989; 19:5-8.
7. **Narayan KM,** Goldberg DJ, Gossling MF, Sharp JCM, Thompson EJ. Outbreak of Salmonella in a Scottish remand prison. *Communicable Disease Scotland* 1989; 03:5-7.
8. **Narayan KM,** Paterson JG. Grampian Register of Young Disabled. *Aberdeen Postgraduate Medical Bulletin* 1989; 23(1):23-25.
9. **Narayan KM.** Lowering Cholesterol Concentrations and Mortality. *British Medical Journal* 1990; 301:553.
10. Birt CM, **Narayan KM.** Cardiovascular Risk Factors and Health Behavior: some preliminary findings from the Cardiovascular Disease and Alimentary Comparison Study. *Journal of Cardiovascular Pharmacology* 1990; 16(S8):515-517.
11. **Narayan KM,** Bisset A, MacDonald L, Cresswell J, Wilson B, Dev VJ, Cadzow A. Confidence intervals and sample sizes. *British Medical Journal* 1991; 302:907-908.
12. \*Wong JSK, Pearson DWM, Murchison LE, Williams MJ, **Narayan V.** Mortality in Diabetes Mellitus: Experiences of a Geographically Defined Population. *Diabetic Medicine* 1991; 8: 135-239.
13. Nicoll PM, **Narayan KM,** Paterson JG. Cervical Cancer Screening: Women's Knowledge, attitudes and preference. *Health Bulletin* 1991; 49(3):184-190.
14. Johnston NH, **Narayan KM,** Ruta DA. Development of indicators for quality assurance in public health medicine. *Quality in Health Care* 1992; 1:225-230.
15. **Narayan KM,** Moffat MAJ. Measles, Mumps, Rubella Antibody Surveillance: Pilot Study in Grampian, Scotland. *Health Bulletin* 1992; 50(1):47-53.
16. Murray S, **Narayan V,** Mitchell M, Witte H. Study of dietetic knowledge among members of the primary health care team. *British Journal of General Practice* 1993; 43(371):229-231.
17. Ruta D, Beattie T, **Narayan V.** A prospective study of non-fatal childhood road traffic accidents:What can seat restraint achieve? *Journal of Public Health Medicine* 1993; 15(1):88-92.
18. MacAllan L, **Narayan V.** The Grampian Heart Campaign - A Case Study in Community Participation and Ownership. *Health Promotion International* 1994; 9(1):13-19.
19. Pettitt DJ, Bennett PH, Hanson RL, **Narayan KM,** Knowler WC. Comparison of One-Step (WHO) and Two-Step (National Diabetes Data Group) Procedures to Detect Abnormalities of Glucose Tolerance during Pregnancy. *Diabetes Care* 1994; 17:1264-1268.
20. **Narayan KM,** Fernandes RJ, Knowler WC. Frontiers in prevention of non-insulin-dependent diabetes mellitus - implications for India? Proceedings of the 22nd Annual Scientific Meeting of the Research Society for study of Diabetes in India. *The Clinical Proceedings of Nizam's Institute of Medical Sciences* 1994; 9(S1): 4-7.
21. Knowler WC, **Narayan KM.** Prevention of Non-Insulin-Dependent Diabetes Mellitus. *Preventive Medicine* 1994; 23(5):701-703.
22. Hanson RL, **Narayan KM,** Pettitt DJ, McCance DR, Jacobson LTH, Bennett PH, Knowler WC. Rate of Weight Gain, Weight Fluctuation and Incidence of NIDDM. *Diabetes* 1995; 44:261-266.
23. Knowler WC, **Narayan KM,** Hanson RL, Nelson RG, Bennett PH, Tuomilehto J, Scherstén, Pettitt DJ. Preventing non-insulin-dependent diabetes mellitus. *Diabetes* 1995;

44:483-488.

24. **Narayan KM**, Fernandes RJ, Knowler WC. Prevention of non-insulin-dependent diabetes mellitus - an emerging challenge for India. *Int J Diab Dev Countries* 1995; 15(1):17-20.
25. Hanson RL, McCance DR, Jacobson LTH, **Narayan KM**, Nelson RG, Pettitt DJ, Bennett PH, Knowler WC. The U-Shaped Association between Body Mass Index and Mortality: Relationship With Weight Gain in a Native American Population. *J Clin Epidemiol* 1995; 47(7):903-916.
26. Hanson RL, Pettitt DJ, Bennett PH, **Narayan KM**, Fernandes RJ, de Courten M, Knowler WC. Familial relationships between obesity and NIDDM. *Diabetes* 1995; 44:418-422.
27. Hanson RL, Jacobson LTH, McCance DR, **Narayan KM**, Pettitt DJ, Bennett PH, Knowler WC. Weight Fluctuation, Mortality and Vascular Disease in Pima Indians. *Int J Obesity* 1996; 20:463-471.
28. **Narayan KM**, Pettitt DJ, Hanson RL, Bennett PH, Fernandes RJ, de Courten M, Knowler WC. Familial aggregation of medial arterial calcification in Pima Indians. *Diabetes Care* 1996; 19:968-971.
29. **Narayan KM**, Hanson RL, Pettitt DJ, Bennett PH, Knowler WC. How to identify subjects for a non-insulin-dependent diabetes prevention trial. *Diabetes Care* 1996; 19:972-978.
30. **Narayan KM**. Diabetes in Native Americans - the problems and its implications. In: *Changing Numbers, Changing Needs: American Indian Demography and Public Health*, eds. Sandefur G, Rindfuss RR, Cohen B. Washington, DC, *National Academy Press*, pp. 262-288, 1996.
31. Pettitt DJ, **Narayan KM**, Hanson RL, Knowler WC. Lower incidence of diabetes following impaired glucose tolerance in pregnant than in nonpregnant women. *Diabetologia* 1996; 39:1334-1337.
32. **Narayan KM**, Chadha SL, Hanson RL, et al. Smoking in Delhi (India) - prevalence, and patterns. *British Medical Journal* 1996; 312:1576-1579.
33. \*Gregg EW, Kriska AM, **Narayan KM**, Knowler WC. Relationship of Locus of Control to physical activity in people with and without diabetes. *Diabetes Care* 1996; 19:1118-1121.
34. **Narayan KM**, Pettitt DJ. Glycosylated Hemoglobin in Pregnancy. *Diabetes Care* 1996; 19:1455.
35. **Narayan KM**, Ruta D, Beattie T. Seat restraint use, previous driving history, and non-fatal injury: quantifying the risks. *Archives of Diseases of Childhood* 1997; 77:335-338.
36. **Narayan KM**. Cost-effectiveness of intensive insulin therapy. *JAMA* 1997; 5:374.
37. Fagot-Campagna A, Hanson RL, **Narayan KM**, Sievers ML, Pettitt DJ, Nelson RG, Knowler WC. Serum cholesterol and mortality rates in a Native American population with low cholesterol level: a U-shaped association. *Circulation* 1997; 96:1408-1415
38. Fagot-Campagna A, **Narayan KM**, Hanson RL, Imperatore G, Howard BV, Nelson RG, Pettitt DJ, Knowler WC. Plasma lipoproteins and incidence of non-insulin dependent diabetes mellitus in Pima Indians: protective effect of HDL cholesterol in women. *Atherosclerosis* 1997; 128:113-119.
39. **Narayan KM**. Diabetes in Native Americans - the problems and its implications. *Population Health and Policy Research* 1997; 16:169-192.
40. **Narayan KM**, Hanson RL, Smith C, Nelson R, Pettitt DJ, Knowler WC. Dietary Calcium and Blood Pressure in a Native American Population. *J Amer Coll Nutr* 1998; 17:59-64.
41. **Narayan KM**, Hoskin M, Kozak D, Kriska A, Hanson RL, Pettitt D, Nagi DK, Bennett P, Knowler WC. Randomized clinical trial of lifestyle interventions in Pima Indians - a pilot study. *Diabetic Medicine* 1998; 15:66-72.
42. Beckles GLA, Engelgau MM, **Narayan KM**, Herman WH, Aubert RE, Williamson DF. A population-based assessment of the level of care among adults with diabetes mellitus in

- the U.S. *Diabetes Care* 1998; 21:1432-1438.
43. Donaldson C, **Narayan KM**. The cost of diabetes: a useful statistic? *Diabetes Care* 1998; 8:1370-1371.
  44. Gregg EW, **Narayan KM**. Culturally appropriate lifestyle interventions in Minority populations *Diabetes Care* 1998; 21:875.
  45. Williamson DF, **Narayan KM**, Teutsch S. The economic impact of obesity in the United States: Whither? *Obesity Research* 1998; 6:173-175.
  46. Engelgau MM, **Narayan KM**, Geiss LS, Thompson TJ, Beckles GLA, Lopez L, Hartwell T, Visscher W, Liburd L. Responding to the burden of diabetes in the African American Community: Project DIRECT. *J Natl Med Assoc* 1998; 90:605-613.
  47. Kahn HS, **Narayan KM**, Valdez R. Gestational time window for metabolic programming. *Lancet* 1998; 351:1360.
  48. **CDC Diabetes Cost-Effectiveness Study Group**. The Cost-effectiveness of Screening for Type 2 Diabetes. *JAMA* 1998; 280:1757-1763.
  49. Kahn HS, **Narayan KM**, Williamson, DF, Valdez R. Birth weight and thigh muscle tissue in young men: potential pathways to middle-aged cardiovascular disease risk. *Lancet* 1998; 351: 1360.
  50. Ford ES, Will JC, Bowman BA, **Narayan KM**. Diabetes mellitus and serum carotenoids: findings from the third National Health and Nutrition Examination Survey. *Am J Epidemiol* 1999; 149:168-176.
  51. Fagot-campagna A, Saaddine J, **Narayan KM**, Goldschmidt M, Howard BV. Sex differences in risk factors for clinical diabetes mellitus in a general population: a 12 year follow up of the Finmark Study. *Am J Epidemiol* 1999; 149:1073.
  52. Chen KT, Chen CJ, **Narayan KM**. Causes of death and associated factors among patients with non-insulin dependent diabetes mellitus in Taipei, Taiwan. *Diabetes Res Clin Pract* 1999; 43:101-119.
  53. **Narayan KM**, Thompson TJ, Boyle JP, Beckles GLA, Engelgau MM, Vinicor F, Williamson DF. The use of Population Attributable Risk to estimate the impact of Prevention and Early Detection of Type 2 Diabetes on Population-wide Mortality Risk in U.S. Males. *Health Care Management Science* 1999; 2:223-227.
  54. Fagot-Campagna A, Knowler WC, **Narayan KM**, Hanson RL, Saaddine J, Howard BV. HDL subfractions and risk of type 2 diabetes mellitus in Pima Indians. *Diabetes Care* 1999; 22:271-274.
  55. Gregg EW, **Narayan KM**, Engelgau. Evaluating diabetes health services interventions: true effects, changing tides, or moving targets? (Letter) *J Clin Endo Met* 1999; 84:820.
  56. **Narayan KM**, Beckles GLA, Gregg EW, Williamson DF, Saaddine J, Engelgau MM, Vinicor F. Treating type 2 diabetes. Study was conducted in exemplary fashion. *British Medical Journal* 1999; 318:666.
  57. Valdez R, **Narayan KM**, Geiss L, Engelagau MM. The impact of diabetes mellitus on mortality associated with pneumonia and influenza in two racial groups of the US. *Am J Public Health* 1999; 9(89):1715-1721.
  58. **The CDC Diabetes in Managed Care Work Group**. Exploring and expanding the research agenda for diabetes in managed care: a report of the Centers for Disease Control and Prevention – Managed Care workshop. *Diabetes Care* 1999; 22:1734-1738.
  59. Allison DB, Zannolli R, **Narayan KM**. A lifetime versus annual perspective produces markedly lower estimates of the direct health care costs of obesity. *Am J Public Health* 1999; 89:1194-1199.
  60. Chen KT, Chen CJ, Gregg EW, Williamson DF, **Narayan KM**. High prevalence of impaired fasting glucose and type 2 diabetes mellitus in Penghu Islands, Taiwan: evidence of a



- rapidly emerging epidemic? *Diab Res Clin Pract* 1999; 44:59-69.
61. Saaddine JB, **Narayan KM**, Engelgau MM, Aubert RE, Klien R, Beckles GLA. Prevalence of self-rated visual impairment among adults with diabetes - United States, 1995. *Am J Publ Hlth* 1999; 89(8):1200-1205.
  62. **The Diabetes Prevention Program Research Group**. The Diabetes Prevention Program: design and methods for a clinical trial in the prevention of type 2 diabetes. *Diabetes Care* 1999; 22: 623-634.
  63. Engelgau MM, **Narayan KM**, Williamson DF, Thompson, TJ, Dong F. Screening for type 2 diabetes. *JAMA* 1999; 281:1987-1988.
  64. Savage PJ, **Narayan KM**. (Editorial) Reducing cardiovascular complications of type 2 diabetes: a complex but achievable and affordable task. *Diabetes Care* 1999; 22:1769-1770.
  65. Engelgau MM, Geiss LS, **Narayan KM**, Gregg EW, Vinicor F. Public health diabetes surveillance in managed care health systems. *Dis Management* 1999; 2:1-4.
  66. Hanson RL, Pratley RE, Bogardus C, **Narayan KM**, Roumain JML, Imperatore G, Fagot-Campagna A, Pettitt DJ, Bennett PH, Knowler WC. Evaluation of simple indices of insulin sensitivity and insulin secretion for use in epidemiologic and genetic studies. *Am J Epidemiol* 2000; 155:190-198.
  67. Gregg EW, Yaffe K, Cauley J, Rolka DB, Blackwell TL, **Narayan KM**, Cummings SR. Diabetes is associated with Cognitive Impairment and Cognitive Decline among older women. *Arch Intern Med* 2000; 160:174-180.
  68. **Narayan KM**, Gregg EW, Engelgau MM, Moore B, Thompson TJ, Williamson DF, Vinicor F. Translation Research for Chronic Disease: the Case of Diabetes. *Diabetes Care* 2000; 23:1794-1798.
  69. Engelgau MM, **Narayan KM**, Herman WH. Screening for type 2 diabetes (Technical Review). *Diabetes Care* 2000; 23:1563-1580.
  70. Gregg EW, **Narayan KM**. Type 2 diabetes and cognitive function: are cognitive impairment and dementia complications of type 2 diabetes? *Clinical Geriatrics* 2000; 8; 57-72.
  71. **Diabetes Prevention Program Study Group**. The Diabetes Prevention Program – Baseline characteristics of the randomized cohort. *Diabetes Care* 2000; 23:1619-1629.
  72. Kahn HS, **Narayan KM**, Williamson DF, Valdez R. Relation of birth weight to lean and fat thigh tissue in young men. *Int J Obes Relat Metab Disord* 2000; 24: 667-672.
  73. Gregg EW, Beckles GL, Williamson DF, Leveille SG, Langlois LA, Engelgau MM, **Narayan KM**. Diabetes and physical disability among older US adults. *Diabetes Care* 2000; 23: 1272-1277.
  74. Fagot-Campagna A, Pettitt DJ, Engelgau MM, Burrows NR, Geiss LS, Valdez R, Beckles GLA, Saaddine J, Gregg EW, Williamson DF, **Narayan KM**. Type 2 diabetes among North American children and adolescents: an epidemiological review and a public health perspective. *J Pediatr* 2000; 136; 664-672.
  75. **Narayan KM**, Gregg EW, Fagot-Campagna A, Engelgau MM, Vinicor F. Diabetes—A Common, Growing, Serious, Costly, and Potentially Preventable Public Health Problem. *Diab Res Clin Pract* 2000; 50:S77-S784.
  76. Chen KT, Chen CJ, Gregg EW, Engelgau MM, **Narayan KM**. Prevalence of type 2 diabetes mellitus in Taiwan: ethnic variation and risk factors. *Diab Res Clin Pract* 2001; 51:59-66.
  77. Chen KT, Chen CJ, Fagot-Campagna A, **Narayan KM**. Prevalence and risk factors for illicit drug abuse in I-Lan county, Taiwan. *Am J Pub Hlth* 2001; 91:1130-1134.
  78. Kahn HS, Ravindranath R, Valdez R, **Narayan KM**. Fingerprint evidence of metabolic

- programming in early gestation. I. A ridge-count difference between fingers (dR45a) is associated with survivorship in type 2 diabetes. *Am J Epidemiol* 2001; 153:338-344.
79. Rolka D, Fagot-Campagna A, **Narayan KM**. Aspirin use among Americans with Diabetes: Estimates from NHANES III. *Diabetes Care* 2001; 24:197-201.
  80. Fagot-Campagna A, **Narayan KM**, Imperatore G. Type 2 diabetes in children (Editorial). *Br Med J* 2001; 322:377-378.
  81. Norris SL, Engelgau MM, **Narayan KM**. Effectiveness of self-management training in type 2 diabetes: A systematic review of randomized controlled trials. *Diabetes Care* 2001; 24:561-587.
  82. Fagot-Campagna A, Imperatore G, **Narayan KM**, Engelgau M. Diabetes mellitus: type 1 or type 2? *J Pediatr* 2001; 138:612-613.
  83. **Narayan KM**, Fagot-Campagna A, Imperatore G. Type 2 diabetes in children: a problem lurking for India? (Editorial) *Indian Pediatrics* 2001; 38: 703-706.
  84. **Narayan KM**, Bowman B, Engelgau ME. Prevention of type 2 diabetes (Editorial). *Br Med J* 2001; 323:63-64.
  85. Rolka DB, Engelgau M, **Narayan KM**, Thompson T, Goldman D, Lindenmayer J, Alich K, Bacall D, Benjamin EM, Lamb B, Stuart D. Performance of three screening tests for detecting undiagnosed diabetes and dysglycemia. *Diabetes Care* 2001; 24:1899-1903.
  86. Boyle JP, Honeycutt AA, **Narayan KM**, Hoerger TJ, Geiss LS, Chen H, Thompson TJ. Projection of Diabetes Burden Through 2050: Impact of changing demography and disease prevalence in the U.S. *Diabetes Care* 2001; 24:1936-1940.
  87. Leibson C, Williamson DF, Melton LJ, Palumbo PJ, Smith SA, Ransom JF, Schilling PL, **Narayan KM**. Temporal trends in body mass index among adults with diabetes. *Diabetes Care* 2001; 24:1584-1589.
  88. Gregg EW, Geiss LS, Fagot-Campagna, **Narayan KM**, et al. Use of diabetes preventive care and complications risk in two African-American communities. *Am J Prev Med* 2001, 21:197-202.
  89. Kriska AM, Pereira MA, Hanson RL, de Courten MP, Zimmet PZ, Alberti KG, Chitson P, Bennett PH, **Narayan KM**, Knowler WC. Association of Physical Activity and Serum Insulin Concentrations in Two Populations at High Risk for Type 2 Diabetes but Differing by BMI. *Diabetes Care* 2001; 24(7):1175-1180.
  90. Gregg EW, Geiss LS, Saaddine J, Fagot-Campagna A, Beckles G, Parker C, Visscher W, Hartwell T, Liburd L, **Narayan KM**, Engelgau MM. Use of diabetes preventive care and complications risk in two African-American communities. *Am J Prev Med* 2001; 21:197-202.
  91. Hanson RL, Imperatore G, **Narayan KM**, Roumain J, Fagot-Campagna A, Pettitt DJ, Bennett PH, Knowler WC. Family and genetic studies of indices of insulin sensitivity and insulin secretion in Pima Indians. *Diabetes/Metabolism Research and Reviews* 2001; 17:296-303.
  92. Engelgau MM, **Narayan KM**. Finding undiagnosed type 2 diabetes: is it worth the effort? (Editorial) *Eff Clin Prac* 2001; 4:281-283.
  93. **Narayan KM**. Prospects for research in diabetes mellitus (letter). *JAMA* 2001; 285:2327.
  94. Boyle JP, Thompson TJ, Williamson DF, **Narayan KM**. Some discrete time dynamic models for determining chronic disease prevalence and costs. *Proceedings of the Annual Meeting of the American Statistical Association*, August 5-9, 2001.
  95. Jones CA, Francis ME, Eberhardt MS, Chavers B, Coresh J, Engelgau M, Kusek JW, Byrd-Holt D, **Narayan KM**, Herman WH, Jones CP, Salive M, Agodoa LY. Microalbuminuria in the United States: The Third Health and Nutrition Examination Survey (NHANES III). *Am J Kidney Disease* 2002; 39:445-459.

96. **The TRIAD Study Group**. The Translating Research into Action for Diabetes (TRIAD) Study. *Diabetes Care* 2002; 25:386-389.
97. **Narayan KM**, Nelson R, Hanson RL, Pettitt DJ, Knowler WC. Epidemiology of diabetes mellitus and diabetes complications in American Indians. In: *The Epidemiology of Diabetes Mellitus: An International Perspective*, ed. Ekoe J, Williams R, Zimmet P. John Wiley and Sons, Sussex, 2002.
98. **The Diabetes Prevention Program Research Group**. The Diabetes Prevention Program: Reduction in the Incidence of Type 2 Diabetes with Lifestyle Intervention or Metformin. *New Engl J Med* 2002; 346; 393-403.
99. Saaddine JB, Engelgau MM, Beckles GLA, Gregg EW, Thompson TJ, **Narayan KM**. A Diabetes Report Card for the United States: Quality of Care in the 1990's. *Ann Int Med* 2002;136:565-574.
100. Saaddine JB, Fagot-Campagna A, Rolka DB, Geiss L, Eberhardt M, **Narayan KM**, Flegal K. Hemoglobin A1c distribution in a representative sample of children and adolescents in the United States: Third National Health and Nutrition Examination Survey. *Diabetes Care* 2002; 25:1326-1330.
101. **Narayan KM**, Imperatore G, Benjamin SM, Engelgau MM. Targeting people with prediabetes (Editorial) *Br Med J* 2002; 325;403-404.
102. Engelgau MM, **Narayan KM**, Vinicor E. Identifying the target population for primary prevention: the trade-offs. (Editorial) *Diabetes Care* 2002; 25:2098-2099.
103. **The Diabetes Prevention Program (DPP) Research Group**. The Diabetes Prevention Program (DPP): Description of lifestyle intervention. *Diabetes Care* 2002; 25:2165-2171.
104. **The Diabetes Prevention Program (DPP) Research Group**. Hypertension, insulin, and proinsulin in participants with impaired glucose tolerance. *Hypertension* 2002; 40:679-686.
105. Earnshaw SR, Ritcher A, Sorensen SW, Hoerger TJ, Hicks KA, Engelgau M, Thompson T, **Narayan KM**, Williamson DF, Gregg E, Zhang P. Optimal allocation of resources across four interventions for type 2 diabetes. *Medical Decision Making* 2002; 22 (Suppl):S80-91.
106. **CDC Diabetes Cost-effectiveness Group**. Cost-effectiveness of intensive glycemic control, intensified hypertension control, and serum cholesterol reduction for type 2 diabetes. *JAMA* 2002; 287; 2542-2551.
107. Gregg EW, Engelgau MM, **Narayan KM**. Complications of diabetes in elderly people: unappreciated problems include cognitive decline and physical disability (Editorial). *Br Med J* 2002; 325:910-911.
108. Gregg EW, Gerzoff R, Caspersen C, Williamson DF, **Narayan KM**. Relationship of walking to mortality among US adults with diabetes. *Arch Int Med* 2003; 163:1440-1447.
109. Selby JV, **Narayan KM**, Swain B, Ferrara A, Karter AJ. The contribution of lipid-lowering therapy to recent declines in LDL-Cholesterol in persons with diabetes. (Submitted)
110. Benjamin SM, Valdez R, Geiss L, Rolka DB, **Narayan KM**. Estimated number of adults with prediabetes in the U.S.: opportunities for prevention. *Diabetes Care* 2003; 26: 645-649.
111. Burke JP, **Narayan KM**, Leibson C, Williams K, Haffner S, Stern MP. Incidence of diabetes along the obesity spectrum: results from the San Antonio Heart Study. *Diabetes Care* 2003; 26:1999-2004.
112. **Narayan KM**, Kanaya AN, Gregg EW. Lifestyle intervention for prevention of type 2 diabetes mellitus: putting theory to practice. *Treatments in Endocrinology* 2003; 2:315-320.
113. Kanaya AN, **Narayan KM**. Prevention of type 2 diabetes mellitus: data from recent clinical trials. *Primary Care: Clinics in Office Practice* 2003; 30:511-526.

114. **Narayan KM**, Gregg EW, Fagot-Campagna A, Gary TL, Saaddine JB, Parker C, Imperatore G, Valdez R, Beckles G, Engelgau MM. Relationship between quality of diabetes care and patient satisfaction. *J Natl Med Assoc* 2003; 95: 64-70.
115. Engelgau MM, **Narayan KM**. Reviewing the evidence for type 2 diabetes screening: some issues and some answers. *In: The Evidence Base for Diabetes Care*, ed., Williams R, Herman W, Kinmonth A.L., Wareham N; John Wiley & Sons (In Press)
116. Engelgau MM, **Narayan KM**, Saaddine JB, Vinicor F. Addressing the burden of diabetes in the 21<sup>st</sup> Century: better care and primary prevention. *J Am Soc Nephro* 2003;14:S88-S91.
117. Looker HC, Fagot-Campagna A, Gunter E, Pfeiffer C, **Narayan KM**, Knowler WC, Hanson RL. Homocysteine as a risk factor for nephropathy and retinopathy in type 2 diabetes. *Diabetologia* 2003; 46: 766-772.
118. Honeycutt AA, Boyle JP, Broglio KR, Thompson TJ, Geiss LS, **Narayan KM**. A dynamic markov model for forecasting diabetes prevalence in the United States through 2050. *Health Care Management Science* 2003; 6:155-164.
119. Zhang P, Wang G, **Narayan KM**. Cost-effectiveness of interventions for reducing body weight. (In Press)
120. Saaddine JB, **Narayan KM**, Vinicor F. Vision loss: a public health problem? *Ophthalmology* 2003; 110: 253-254.
121. **Narayan KM**, Boyle JP, Thompson TJ, Sorensen SE, Williamson DF. Lifetime risk of diabetes mellitus in the United States. *JAMA* 2003; 290:1884-1890.
122. Chen KT, Chen CJ, Gregg EW, Imperatore G, **Narayan KM**. Impaired fasting glucose and risk of diabetes in Taiwan: follow-up over three years. *Diab Res Clin Pract* 2003; 60:177-182.
123. Zhang P, Engelgau MM, Valdez R, Benjamin SM, Cadwell B, **Narayan KM**. Costs of screening for pre-diabetes among US adults. *Diabetes Care* 2003; 26: 2536-2542.
124. Garfield SA, Malozowski S, Chin MH, **Narayan KM**, Glasgow RE, Green LW, Hiss RG, Krumholz HM, The Diabetes Mellitus Interagency Coordinating Committee (DMICC) Translation Conference Working Group. Considerations for diabetes translational research in the real-world settings. *Diabetes Care* 2003; 26:2670-2674.
125. Jack L, **Narayan KM**, Satterfield D, Lanza AP. Public health approaches in diabetes prevention and control (Editorial). *J Pub Hlth Man Pract* 2003; S5-S7.
126. Gary TL, **Narayan KM**, Gregg EW, Beckles GLA, Saaddine JB. Racial/ethnic differences in healthcare experience (coverage, utilization, and satisfaction) of US adults with diabetes. *Ethnicity & Disease* 2003; 13: 4.
127. Zhang P, Engelgau MM, Norris SL, Gregg EW, **Narayan KM**. Application of economic analysis to diabetes and diabetes care. *Ann Int Med* 2004; 140:972-977.
128. **Narayan KM**, Benjamin E, Gregg EW, Norris SL, Engelgau MM. Diabetes translation research: Where are we and where do we want to be? *Ann Int Med* 2004; 140: 958-963.
129. Engelgau MM, Geiss LS, Saaddine JB, Boyle JP, Benjamin SM, Tierney EF, Rios-Burrows N, Mokhad A, Ford ES, Imperatore G, **Narayan KM**. The evolving diabetes burden in the U.S. *Ann Int Med* 2004; 140: 945-950.
130. Qiao Q, Williams DE, Imperatore G, **Narayan KM**, Tuomiheto J. Epidemiology and geography of type 2 diabetes mellitus. In: *International Textbook of Diabetes Mellitus*, Third Edition. Edited by R.A. DeFronzo, E. Ferannini, H. Keen, P. Zimmet. John Wiley & Sons. (In Press)
131. **Narayan KM**. The Steno Diabetes Study (Review). *Clinical Diabetes* 2004, 22:34-35.
132. Kerr EA, Gerzoff RB, Krein SL, Selby JV, Piette JD, Curb JD, Herman WH, Marerro DG, **Narayan KM**, Safford MM, Thompson T, Mangione CM. Diabetes care quality in the

- Veteran Affairs health care system and commercial care: The TRIAD Study. *Ann Intern Med* 2004; 141:272-281.
133. Kim C, Williamson DF, Mangione CM, Safford MM, Selby JV, Marrero DG, Curb JD, Thompson TJ, **Narayan KM**, Herman WH. Managed care organization and quality of diabetes care – The Translating Research into Action for diabetes (TRIAD) Study. *Diabetes Care* 2004; 27:1529-1534.
  134. Kim C, Williamson DF, Herman WH, Safford MM, Selby JV, Marrero DG, Curb JD, Thompson TJ, **Narayan KM**, Mangione CM. Referral management and the care of patients with diabetes: The Translating Research into Action for diabetes (TRIAD) Study. *Am J Man Care* 2004; 10:137-143.
  135. Engelgau MM, **Narayan KM**. Translation Research for improving diabetes care: a perspective for India. *Int J Diab Dev Countries* 2004; 24: 7-10.
  136. Mensah GA, Mokdad AH, Ford E, **Narayan KM**, Giles WH, Vinicor F, Deedwania PC. Obesity, metabolic syndrome, and type 2 diabetes: emerging epidemics and their cardiovascular implications. *Cardiology Clinics* 2004; 22:485-504.
  137. Engelgau MM, Colagiuri S, Ramachandran A, Borch-Johnsen K, **Narayan KM**. Prevention of type 2 diabetes: Issues and strategies for identifying persons for interventions. *Diabetes Technology & Therapeutics* 2004; 6:874-882.
  138. Selby JV, **Narayan KM**. Lowering diabetes costs. *Health Aff* 2004; 23: 278.
  139. Imperatore G, Caldwell BL, Geiss L, Saaddine JB, Williams DE, Ford ES, Thompson TJ, **Narayan KM**. Thirty-year trends in cardiovascular risk factor levels among US adults with diabetes: National Health and Nutrition Examination Surveys, 1971-2000. *Am J Epidemiol* 2004; 160: 531-539.
  140. Engelgau MM, Geiss LS, Murphy D, **Narayan KM**, Vinicor F. Translating “Tight Control.” *Ann Int Med* 2004; 141: 822-823.
  141. Dong FB, Sorensen SW, Manninen DL, Thompson TJ, **Narayan KM**, Orians CE, et al. Cost-effectiveness of ACE Inhibitor treatment for patients with type 1 diabetes mellitus. *Pharmacoeconomics* 2004; 22: 1015-1027.
  142. Engelgau MM, Colagiuri S, Ramachandran A, Borch-Johnsen K, **Narayan KM**; Atlanta Meeting Group. Prevention of type 2 diabetes: issues and strategies for identifying persons for interventions. *Diabetes Technol Ther* 2004; 6(6):874-882.
  143. **Narayan K.M.** "Polypill" for Cardiovascular Disease Prevention. *Clin Diabetes* 2004; 22: 157-158.
  144. **The SEARCH Study Group.** SEARCH for Diabetes in Youth: a multicenter study of the prevalence, incidence and classification of diabetes mellitus in youth. *Controlled Clinical Trial* 2004; 25: 458-471.
  145. Gregg EW, Cheng YJ, Cadwell BL, Imperatore G, Williams DE, Flegal KM, **Narayan KM**, Williamson DF. Secular trends in cardiovascular disease risk factors according to body mass index in US adults. *JAMA* 2005; 293(15):1868-1874.
  146. Leibson CL, **Narayan KM**. Trends in cardiovascular complications of diabetes. *JAMA* 2005; 293(14):1723; author reply 1723.
  147. Zhang P, Engelgau MM, Valdez R, Cadwell B, Benjamin SM, **Narayan KM**. Efficient cutoff points for three screening tests for detecting undiagnosed diabetes and pre-diabetes. *Diabetes Care* 2005; 28: 1321-1325.
  148. Kirk JK, Bell RA, Bertoni AG, Arcuty TA, Quandt SA, Goff DC, **Narayan KM**. A qualitative review of studies of diabetes preventive care among minority patients in the United States, 1993-2003. *Am J Managed Care* 2005; 11:21-32.
  149. Kirk JK, Bell RA, Bertoni AG, Arcuty TA, Quandt SA, Goff DC, **Narayan KM**. Ethnic disparities in the control of glycemia, blood pressure and LDL cholesterol among U.S.

- diabetes patients: A systematic review. *Ann Pharmacotherapy* 2005; 39: 1489-1501.
150. **Narayan K.M.** The Diabetes Pandemic: Looking for the Silver Lining. *Clin Diabetes* 2005; 23: 51-52
  151. **Narayan K.M.** Psychosocial Risk Factors for Acute Myocardial Infarction. *Clin Diabetes* 2005; 23: 35-36
  152. Green L, Weintraub W, **Narayan KM** et al. Combination Pharmacotherapy and Cardiovascular Disease Prevention. *Ann Int Med* 2005; 143:593-599.
  153. **Narayan KM**, Mensah GA, Sorensen S, Cheng YJ, Vinicor F, Engelgau MM, Williamson DF. Combination Pharmacotherapy for Cardiovascular Disease Prevention: Threat or Opportunity for Public Health? *Am J Prev Med* 2005; 29(5 Suppl 1):134-138.
  154. Bertoni AG, Kirk JK, Case LD, Kay C, Goff DC, **Narayan KM**, Bell RA. The effects of race and region on cardiovascular morbidity among elderly Americans with diabetes. *Diabetes Care* 2005; 28:2620-2625.
  155. Williams DE, Caldwell BL, Cheng YL, Cowie CC, Gregg EW, Geiss LS, Engelgau MM, **Narayan KM**, Imperatore G. Prevalence of impaired fasting glucose and its relationship to cardiovascular disease risk factors in US adolescents. *Pediatrics* 2005; 116:1122-1126.
  156. **Narayan KM**. Psychosocial risk factors for acute myocardial infarction. (Commentary) *Clin Diabetes* 2005; 23: 35-36.
  157. **Narayan KM**. The metabolic syndrome: some second thoughts? (Commentary) *Clin Diabetes* 2006; 24:38-39.
  158. Tierney EF, Gregg EW, **Narayan KM**. Leading causes of death in the United States. *JAMA*. 2006; Jan 25; 295(4):383
  159. \*Saaddine JB, Cadwell B, Engelgau MM, Vinicor F, Gregg EW, Imperatore G, **Narayan KM**. Improvements in processes and intermediate outcomes of diabetes care, United States 1990-2000. *Ann Intern Med* 2006; 144:465-474.
  160. **Narayan KM**, Zhang P, Kanaya AM, Williams DE, Engelgau MM, Imperatore G, Ramachandran A. Diabetes: The Pandemic and Potential Solutions. In: **Disease Control Priorities in Developing Countries**, 2<sup>nd</sup> Edition; Jamison DT, Breman JG, Measham AR ed. The World Bank Press, Washington, D.C., and Oxford University Press, New York, NY, 2006, pp. 591-604.
  161. Janssens AC, Gwinn M, Valdez R, **Narayan KM**, Khoury MJ. Predictive genetic testing for type 2 diabetes. *BMJ* 2006; 333(7567):509-510.
  162. Kirk JK, D'Agostino RB Jr, Bell RA, Passmore LV, Bonds DE, Karter AJ, **Narayan KM**. Disparities in HbA1c levels between African-American and non-Hispanic white adults with diabetes: a meta-analysis. *Diabetes Care* 2006; 29(9):2130-2136.
  163. **Narayan KM**, Boyle JP, Geiss LS, Saaddine JB, Thompson TJ. Impact of recent increase in incidence on future diabetes burden: U.S., 2005-2050. *Diabetes Care* 2006; 29(9):2114-2116.
  164. Ackermann RT, Thompson TJ, Selby JV, Safford MM, Stevens M, Brown AF, **Narayan KM**. Is the number of documented diabetes process-of-care indicators associated with cardiometabolic risk factor levels, patient satisfaction, or self-rated quality of diabetes care? The Translating Research into Action for Diabetes (TRIAD) study. *Diabetes Care* 2006; 161.
  165. Wang J, Williams DE, **Narayan KM**, Geiss LS. Declining death rates from hyperglycemic crisis among adults with diabetes, U.S., 1985-2002. *Diabetes Care* 2006; 29(9):2018-2022.
  166. **Narayan KM**. How generally applicable is a simple diabetes detection questionnaire? *Nat Clin Pract Endocrinol Metab* 2006; 2(4):196-197.
  167. Johnson SL, Tierney EF, Onyemere KU, Tseng CW, Safford MM, Karter AJ, Ferrara A,

- Duru OK, Brown AF, **Narayan KM**, Thompson TJ, Herman WH. Who is tested for diabetic kidney disease and who initiates treatment? The Translating Research into Action for Diabetes (TRIAD) Study. *Diabetes Care* 2006; 29(8):1733-1738.
168. Cheng YJ, Gregg EW, Kahn HS, Williams DE, De Rekeneire N, **Narayan KM**. Peripheral Insensate Neuropathy--A Tall Problem for US Adults? *Am J Epidemiol* 2006; 164:873-80.
  169. Ettner SL, Thompson TJ, Stevens MR, Mangione CM, Kim C, Neil Steers W, Goewey J, Brown AF, Chung RS, **Narayan KM**; the TRIAD Study Group. Are physician reimbursement strategies associated with processes of care and patient satisfaction for patients with diabetes in managed care? *Health Serv Res* 2006; 41(4 Pt 1):1221-1241.
  170. **Narayan KM**, Zhang P, Williams D, Engelgau M, Imperatore G, Kanaya A, Ramachandran A. How should developing countries manage diabetes? *CMAJ* 2006; 175(7):733.
  171. Rein DB, Saaddine JB, Wittenborn JS, Wirth KE, Hoerger TJ, **Narayan KM**, Clemons T, Sorensen SW. Cost-effectiveness of Vitamin Therapy for Age-Related Macular Degeneration. *Ophthalmology* 2007; 114: 13-20.
  172. Slingerland AS, van Lenthe FJ, Jukema JW, Kamphuis CB, Looman C, Giskes K, Huisman M, **Narayan KM**, Mackenbach JP, Brug J. Aging, Retirement, and Changes in Physical Activity: Prospective Cohort Findings from the GLOBE Study. *Am J Epidemiol*. 2007; 165: 1356-63.
  173. Ramachandran A, Snehalatha C, Yamuna A, Murugesan N, **Narayan KM**. Insulin Resistance and Clustering of Cardiometabolic Risk Factors in Urban Teenagers in Southern India. *Diabetes Care*. 2007; 30:1828-33.
  174. Kim C, Steers WN, Herman WH, Mangione CM, **Narayan KM**, Ettner SL. Physician compensation from salary and quality of diabetes care. *J Gen Intern Med*. 2007 Apr;22(4):448-52.
  175. Zhang X, Saaddine JB, Lee PP, Grabowski DC, Kanjilal S, Duenas MR, **Narayan KM**. Eye care in the United States: do we deliver to high-risk people who can benefit most from it? *Arch Ophthalmol*. 2007 Mar;125(3):411-8.
  176. Kirk JK, Graves DE, Bell RA, Hildebrandt CA, **Narayan KM**. Racial and ethnic disparities in self-monitoring of blood glucose among US adults: a qualitative review. *Ethn Dis*. 2007 Winter;17(1):135-42. Review. Summary for patients in: *Ethn Dis*. 2007 Winter;17(1):170-1.
  177. **Narayan KM**, Boyle JP, Thompson TJ, Gregg EW, Williamson DF. Effect of body mass index on lifetime risk for diabetes mellitus in the United States. *Diabetes Care*. 2007;30:1562-6.
  178. Siegal KR, **Narayan KM**. Soft Drinks and Hard Challenges. (Letter) *Am J Public Health* 2007, 3 April
  179. Gregg EW, Gu Q, Cheng YJ, **Narayan KM**, Cowie CC. Mortality Trends Over the Past 3 Decades Among U.S. Adults With and Without Self-Reported Diabetes. *Ann Intern Med* 2007 Aug 7;147(3):149-55.
  180. Selby JV, Swain BE, Gerzoff RB, Karter AJ, Waitzfelder BE, Brown AF, Ackermann RT, Duru OK, Ferrara A, Herman W, Marrero DG, Caputo D, **Narayan KM** for the TRIAD Study Group. Understanding the Gap between Good Processes of Diabetes Care and Poor Intermediate Outcomes. *Medical Care* 2007; 45:1144-1153
  181. Li R, **Narayan KM**, Zhang P. Self-Monitoring of Blood Glucose: Before and After Medicare Expansion. *Am J Public Health* 2008; 98:358-64.
  182. \*Oza-Frank R, Zhang P, Imperatore G, **Narayan KM**. Health Care Utilization and Cost. In: *The Epidemiology of Diabetes in Youth* (In Press)
  183. Kirk JK, Passmore MS, Bell RA, **Narayan KM**, D'Agostino, Jr., Arcury TA, Quandt SA. Disparities in A1c Levels Between Hispanics and Non-Hispanic White Adults with Diabetes; A Meta-analysis. *Diabetes Care* 2007; Oct

184. Kirk JK, Bertoni AG, Case LD, Bell RA, Goff Jr., DC, **Narayan KM**. Racial/Ethnic Differences in Predicted Risk of Coronary Heart Disease Among Persons with Type 2 Diabetes. *Coron Artery Dis* 2007; 18:595-600.
185. Cox SC, Niskar AS, **Narayan KM**, Marcus M. Prevalence of Self-Reported Diabetes and Exposure to Organochlorine Pesticides among Mexican American: Hispanic Health and Nutrition Survey. *Environmental Health Perspectives* 2007;115:1747-52..
186. Mohan V, Deepa M, Farooq S, **Narayan KM**, Datta M, Deepa R. Anthropometric cut points for identification of cardiometabolic risk factors in an urban Asian Indian population. *Metabolism* 2007; 56:961-8.`
187. Sullivan MD, Anderson RT, Aron D, Atkinson HH, Bastien A, Chen J, Feeney P, Gafni A, Hwang W, Katz LA, **Narayan KM**, O'Connor PJ, Zhang P. for the ACCORD Study Group. Health-Related Quality of Life and Cost-Effectiveness Components of the Action to Control Cardiovascular Risk in Diabetes (ACCORD) Trial: Rational and Design. *Am J Cardiol* 2007;99 (suppl):90i-102i.
188. Saydah S, Cowie C, Eberhardt MS, De Rekeneire N, **Narayan KM**. Race and ethnic differences in glycemic control among adults with diagnosed diabetes in the United States. *Ethn Dis* 2007; 17: 529-35.
189. Gregg EW, Cheng YJ, **Narayan KM**, Thompson TJ, Williamson DF. The relative contributions of different levels of overweight and obesity to the increased prevalence of diabetes in the United States.: 1976-2004. *Prev Med* 2007; 45: 348-52.
190. Li R, Zhang P, **Narayan KM**. Self-Monitoring of Blood Glucose Before and After Medicare Expansion Among Medicare Beneficiaries With Diabetes Who Do Not Use Insulin. *Am J Pub Hlth* 2008; 98: XX-XX
191. Moran S, **Narayan KM**. Diabetes Mellitus in Developed Countries. Ed. Rao, PV. *Indian Textbook of Diabetes*. Research Society for Study of Diabetes in India, 2008.
192. Dasari SR, Oza-Frank R, **Narayan KM**. Diabetes Mellitus Prevention. *Encyclopedia of Public Health* (PBLH), 2008, Elsevier Ltd.
193. Chatterjee R, **Narayan KM**. Putting Evidence into Practice. *Evidence Based Diabetes*. Blackwell (In Press)
194. Gregory CO, Martorell R, **Narayan KM**, Ramirez-Zea M, Stein AD. Five year changes in adiposity and cardio-metabolic risk factors among Guatemalan young adults. *Public Health Nutr* 2009; 12: 228-35.
195. Dabelea D, Mayer-Davis EJ, Pande A, D'Agostino Jr. RBD, Liese AD, Vehik KS, **Narayan KM**, Zeitler P, Hamman RF. Association of Intrauterine Exposure to Maternal Obesity/Diabetes and Type 2 Diabetes in Youth: The SEARCH Case-Control Study. *Diabetes Care* 2008;
196. Duru OK, Gerzoff R, Brown A, Karter A, Kim C, Kountz D, **Narayan KM**, Schneider S, Tseng CW, Waitzfelder B, Mangione C. Predictors of sustained walking among multi-ethnic diabetes patients in managed care: The Translating Research into Action for Diabetes (TRIAD) Study. *J Gen Intern Med* 2008;
197. Ziemer DC, Kolm P, Weintraub WS, Vaccarino V, Rhee MK, Caudle JM, Irving JM, Koch DD, **Narayan KM**, Phillips LS. Age, BMI, and race are less important than random plasma glucose to identifying risk of glucose intolerance: the screening for Impaired Glucose Tolerance Study (SIGT 5). *Diabetes Care*; 2008;31:884-6.
198. Siegal K, **Narayan KM**. The Unite for Diabetes Campaign: Overcoming constraints to find a global policy solution. *Global Health* 2008; 4:3
199. Weber MB, **Narayan KM**. Diabetes prevention should be a public-health priority. *Lancet* 2008; 371:473-4.
200. Siegal K, **Narayan KM**, Kinra S. Finding a policy solution to the diabetes epidemic in India. *Health Affairs* (In Press)



201. Ziemer DC, Kolm P, Foster JK, Weintraub WS, Vaccarino V, Rhee MR, Varughese RM, Tsui CW, Koch DD, Twonbly JG, **Narayan KM**, Phillips LS. Random Plasma Glucose in Serendipitous Screening for Glucose Intolerance: SIGT 2 *J Gen Intern Med* 2008; 23:528-35.
202. Oza-Frank R, **Narayan KM**. Masked heterogeneity in obesity between immigrant subgroups. *Am J Public Health* 2008; 98:967-8.
203. Argeseanu CS, Ruben JD, **Narayan KM**. Health of the foreign-born in the United States: A review. *Health Place* 2008
204. **Narayan KM**. Cases Journal: Pitfalls to keep in mind. *Cases Journal* 2008; 1:14.
205. Weber MB, **Narayan KM**. Preventing type 2 diabetes: Genes of lifestyle? *Primary Care Diabetes* 2008; 2: 65-66
206. Meek LJW, **Narayan KM**. Type 2 diabetes in India: emerging or re-emerging disease? *NMJI* 2008;21: 281-91.
207. Saaddine JB, Honeycutt AA, **Narayan KM**, Zhang X, Boyle JP. Burden of Major Eye Diseases Among People with Diabetes in the United States: Projection 2005:2050. *Arch Ophthalmol* 2008; 126: 1740-7
208. Roshania R, Oza-Frank R, **Narayan KM**. Young US Immigrants and Risk of Obesity. *Obesity* 2008; 16: 2669-75
209. Cunningham SA, Mitchell K, **Narayan KM**, Yusuf S. Health workers' Strikes and Mortality: A Systematic Narrative Review. *Soc Sci Med* 2008; 67:1784-8
210. Oza-Frank R, Zhang P, Imperatore G, **Narayan KM**. Health Care Cost and Utilization. In: Dabelea D, Klingensmith G, eds. The Epidemiology of Diabetes in Youth. New York City: Informa Healthcare, 2008.
211. **Action to Control Cardiovascular Risk in Diabetes Study Group**. Effects of intensive glucose lowering in type 2 diabetes. *N Engl J Med*. 2008 Jun 12;358(24):2545-59.
212. Ali MK, **Narayan KM**. The new Access to Medicine Index. *Lancet* 2008; 13: 891.
213. Weaver LJ, **Narayan KM**. Reconsidering the history of type 2 diabetes in India: emerging or re-emerging disease. *Natl Med J India* 2008; 21: 288-91.
214. Friedman A, Marrero D, Ma Y, Ackermann R, Narayan KM, Barrett-Connor E, Watson K, Knowler WC, Horton ES; for the Diabetes Prevention Program Research Group. Value of Urinary Albumin-to-Creatinine Ratio as a Predictor of Type 2 Diabetes in Pre-Diabetic Individuals. *Diabetes Care*. 2008 Dec;31(12):2344-2348.
215. Stephenson R, Argeseanu S, Oza-Frank R, Hutcheson M, **Narayan KM**. Cardiometabolic risk among the foreign-born in the United States: new pathways for innovative research and health policy. *Ethn Dis* 2008; 18: 277.
216. El Bassuoni EA, Ziemer DC, Kolm P, Rhee MK, Vaccarino V, Tsui CW, Kaufman JM, Osinski GE, Koch DD, **Narayan KM**, Weintraub WS, Phillips LS. The "metabolic syndrome" is less useful than random plasma glucose to screen for glucose intolerance. *Prim Care Diabetes* 2008; 3: 147-53
217. **The Search for Diabetes in Youth Study**. Health-related quality of life in children and adolescents with type 1 or type 2 diabetes mellitus. *Arch Pediatr Adolesc Med* 2008; 162: 649-57.
218. **Narayan KM**, Weber MB. Clinical risk factors, DNA variants, and the development of type 2 diabetes. *N Engl J Med* 2009; 360: 1360
219. Kim C, Tierney EF, Herman WH, Mangione CM, **Narayan KM**, Gerzof RB, Billik D, Ettner SL. Physician perception of reimbursement for outpatient procedures among managed care patients with diabetes mellitus. *Am J Manag Care* 2009; 15: 32-8
220. Oza-Frank, Cheng YJ, **Narayan KM**, Gregg EW. Trends in Dietary Intake among US adults with diabetes. *Am J Diet Assoc* 2009; 109:1173-8.
221. Ackermann RT, Edelstein SL, **Narayan KM**, Zhang P, Engelgau MM, Herman WH,

- Marrero DG; for the Diabetes Prevention Program Group. Changes in health state utilities with changes in body mass in the Diabetes Prevention Program. *Obesity* 2009; 17: 2176-81.
222. **Narayan KM**. Diabetes – a global problem needing global solutions. *Prim Care Diabetes* 2009; 3: 3-4.
  223. Wilson PW, **Narayan KM**. New York City Health and Nutrition Examination Survey: a model for urban health surveillance. *Diabetes Care* 2009; 32: 204-5.
  224. Williamson DF, **Narayan KM**. Identification of persons with dysglycemia: terminology and practical significance. *Prim Care Diabetes* 2009; 3: 211-7.
  225. Ali MK, **Narayan KM**. Glycemic control and macrovascular disease in people with diabetes mellitus. *Natl Med J India* 2009; 22: 29-40
  226. Oza-Frank R, Stephenson R, **Narayan KM**. Diabetes prevalence by length of residence among US immigrants. *J Immigr Minor Health*. 2009; (In Press)
  227. Heisler M, Tierney E, Ackermann RT, Tseng C, **Narayan KM**, Crossan J, Waitzfelder B, Safford MM, Duru K, Herman WH, Kim C. *Chronic Illn* 2009; 5: 165-76.
  228. Hoerger TJ, Zhang P, Segal JE, Gregg EW, **Narayan KM**, Hicks KA. Improvements in risk factor control among persons with diabetes in the United States: evidence and implications for remaining life expectancy. *Diabetes Res Clin Pract* 2009; 86: 225-32
  229. Ali MK, **Narayan KM**, Mohan V. Innovative research for equitable diabetes care in India. *Diabetes Res Clin Pract* 2009; 86: 155-67.
  230. **\*The SEARCH for diabetes in Youth Study**. Glycemic control in youth with diabetes. *J Pediatr* 2009; 155: 668-72.
  231. Williamson DF, **Narayan KM**. Identification of persons with dysglycemia: Terminology and practical significance. *Prim Care Diabetes*; 2009: (In Press)
  232. **Look AHEAD and ACCORD Research Groups**. Constructing common cohorts from trials with overlapping eligibility criteria: implications for comparing effect sizes between trials. *Clin Trials* 2009; 6: 416-29.
  233. Hazarika S, Yadav A, Reddy KS, Prabhakaran D, Jafar TH, **Narayan KM**. Public health law in India: a framework for its application as a tool for social change. *Natl Med J India* 2009; 22: 199-203.
  234. Ali MK, **Narayan KM**. The United States and global health: Inseparable and synergistic? The Institute of Medicine's report on global health. *Glo Health Action* 2009;
  235. Oza-Frank R, **Narayan KM**. Overweight/Obesity and Diabetes Prevalence among the US Foreign-Born. *AJPH*. 2010; 100:661-8.
  236. Oza-Frank R, **Narayan KM**. Effect of length of residence on overweight by region of birth and age at arrival among US immigrants. *Public Health Nutr* 2010; 13: 868-75
  237. Rhee MK, Herrick K, Ziemer DC, Vaccarino V, Weintraub WS, **Narayan KM**, Kolm P, Twombly JS, Phillips LS. Many Americans have prediabetes and should be considered for metformin therapy. *Diabetes Care* 2010; 33: 49-54.
  238. **Narayan KM**, Williamson DF. Prevention of type 2 diabetes: risk status, clinic, and community. *J Gen Intern Med* 2010; 25: 154-7
  239. \*Mohan V, Vijayachandrika V, Gokulkrishnan K, Anjana RM, Ganeshan A, Weber MB, **Narayan KM**. HbA1c cut points to define various glucose intolerance groups in Asian Indians. *Diabetes Care* 2010; 33:515-9.
  240. Fraser LA, Townbly J, Zhu M, Long Q, Hanfelt JJ, **Narayan KM**, Wilson PW, Phillips LS. Delay in diagnosis of diabetes is not the patient's fault. *Diabetes Care* 2101; 33
  241. **Narayan KM**, del Rio C. Comparative efficacy of influenza vaccines. *N Engl J Med* 2010;362: 179-80.
  242. Twombly JG, Long Q, Zhu M, Wilson PW, **Narayan KM**, Fraser LA, Webber BC, Phillips

- LS. Diabetes care in black and white veterans in the southeastern US. *Diabetes Care* 2010; 33: 958-63,
243. **Narayan KM**, Aviles-Santa L, Oza-Frank R, Pandey M, Curb JD, McNeeley M, Arnetta MR, Palaniappan L, Rajpathak S, Barrett-Connor E for Cardiovascular Disease in Asian and Pacific Islander Populations NHLBI Working Group. Report of a National Heart, Lung, and Blood Institute Workshop: heterogeneity in cardiometabolic risk in Asian Americans in the U.S. *J Am Coll Cardiol* 2010; 55: 966-73.
244. **ACCORD Study Group**. Effects of intensive blood pressure control in type 2 diabetes. *N Eng J Med* 2010; 362: 1575-85.
245. **ACCORD Study Group** Effects of combination lipid therapy in type 2 diabetes. *N Eng J Med* 2010; 362: 1563-74..
246. Gary-Webb TL, Samuel-Hodge C, **Narayan KM**, Hill-Briggs F. Prevention and treatment of diabetes among African American adults. In: *Diabetes in Black America: Public Health and Clinical Solutions to a National Crisis*. Jack Jr., L ed. Hilton Publishing Company, Roscoe, Illinois, 2010.
247. Luo M, Oza-Frank R, **Narayan KM**, Gokulakrishnan K, Mohan V. Serum Total Adiponectin Is Associated with Impaired Glucose Tolerance in Asian Indian Females but Not in Males. *J Diabetes Sci Technol*. 2010 May 1;4(3):645-651.
248. Ali MK, Weber MB, **Narayan KM**. The Global Burden of Diabetes. (In Press)
249. Weber MB, Twombly JG, **Narayan KM**, Phillips LS. Lifestyle interventions and the prevention and treatment of type 2 diabetes. *Am J Lifestyle Med* (In Press)
250. Chatterjee R, **Narayan KM**, Lipscomb J, Phillips LS. Screening for prediabetes and diabetes may be cost-saving. *Diabetes Care* 2010; 33: 1484-90.
251. Palaniappan LP, Araneta MR, Assimes TL, Barrett-Connor EL, Carnethon MR, Criqui MH, Fung GL, **Narayan KM**, Patel H, Taylor-Pillae RE, Wilson PW, Wong ND; American Heart Association Council on Epidemiology and Prevention; American Heart Association Council on Peripheral Vascular Disease; American Heart Association Council on Nutrition, Physical Activity, and Metabolism; American Heart Association Council on Clinical Cardiology; American Heart Association Council on Cardiovascular Nursing. *Circulation* 2010; 122: 1242-52.
252. **ACCORD trial group**. Effect of intensive treatment of hyperglycemia on microvascular outcomes in type 2 diabetes: an analysis of the ACCORD randomized trial. *Lancet* 2010; 376: 419-30.
253. **ACCORD Study Group**. Effects of medical therapies on retinopathy progression in type 2 diabetes. *N Eng J Med* 2010; 363: 233-44.
254. Ziemer DC, Kolm P, Weintraub WS, Vaccarino V, Rhee MK, Twombly JG, **Narayan KM**, Loch DD, Phillips LS. Glucose-independent, black-white differences in hemoglobin A1c levels: a cross-sectional analysis of 2 studies. *Ann Intern Med* 2010; 152: 770-7.
255. **Narayan KM**, Ali MA, Koplan JP. Global non-communicable diseases: where worlds meet. *New Eng J Med* 2010; 363: 1196-8.
256. **Narayan KM**, Chan J, Mohan V. Early identification of type 2 diabetes: policy should be aligned with health systems strengthening. *Diabetes Care* 2011; 34: 244-6.
257. Ali MK, **Narayan KM**, Tandon N. Diabetes & coronary heart disease: current perspectives. *Indian J Med Res* 2010; 132: 584-97.
258. Marcinkevage JA, **Narayan KM**. Gestational diabetes mellitus: Taking it to heart. *Prim Care Diabetes* 2010
259. Twombly JG, Long Q, Zhu M, Fraser LA, Olson DE, Wilson PW, **Narayan KM**, Phillips LS. Validity of the primary care diagnosis in veterans in the southeastern United States. *Diabetes Res Clin Pract* 2011; 91: 395-400.

260. **ACCORD Study Group**. Long-term effects of intensive glucose lowering on cardiovascular outcomes. *N Engl J Med* 2011; 364: 818-28
261. Huang C, Li Z, **Narayan KM**, Williamson DF, Martorell R. Bigger babies born to women survivors of the 1959-1961 Chinese famine: a puzzle due to survival selection? *J DOHAD* 2010 (In Press)
262. Dabhadkar KC, Kulshreshtha A, Ali MK, **Narayan KM**. Prospects for a cardiovascular prevention polypill. *Annu Rev Public Health* 2011; 32: 23-38.
263. Magee MJ, Blumberg HM, **Narayan KM**. Co-occurrence of tuberculosis and diabetes: new paradigm of epidemiological transition. *Int J Epidemiol* 2011; 40: 428-31.
264. Techeugui JB, Ali MK, Griffin SJ, Narayan KM. Screening for type 2 diabetes: a review. *Epidemiologic Reviews* 2011;
265. Weber MB, Harish R, Meyers GC, Mohan V, **Narayan KM**. A model of translational research for diabetes prevention in low and middle-income countries: The Diabetes Community Lifestyle Improvement Program (D-CLIP) trial. *Prim Care Diabetes* 2011;
266. Sharma KM, Ranjani H, Nguyen H, Shetty S, Datta M, **Narayan KM**, Mohan V. Indian Diabetes Risk Score helps to distinguish type 2 from non-type 2 diabetes mellitus (GDCRC-3). *J Diabetes Sci Technol* 2011; 5: 419-25.
267. Nair M, Prabhakaran D, **Narayan KM**, Sinha R, Lakshmy R, Devansanapathy N, Daniel CR, Gupta R, George PS, Mathew A, Tandon N, Reddy KS. *Prim Care Diabetes* 2011;
268. Anderson RT, **Narayan KM**, Feeney P, Goff D Jr, Ali MK, Simmons DL, Sperl-Hillen JA, Bigger T, Cuddihy R, O'Conner PJ, Sood A, Zhang P, Sullivan MD; Action to Control Cardiovascular Risk in Diabetes (ACCORD) Investigators. *Diabetes Care* 2011; 34: 807-12.
269. Dabhadkar K, Kulshreshtha A, Ali MK, **Narayan KM**. Prospects for a cardiovascular disease prevention polypill. *Pub Hlth Reviews* 2011; 32: 23-38.
270. Amudha A, Datta M, Unnikrishnan IR, Anjana RM, Rema M, **Narayan KM**, Mohan V. Clinical profile of diabetes in the young seen between 1992 and 2009 at a specialist diabetes centre in South India. *Prim Care Diabetes* 2011; 5: 223-9
271. **Narayan KM**, Ali MK, del Rio C, Koplan JP, Curran J. Global noncommunicable diseases – lessons from HIV-AIDS experience. *New Engl J Med* 2011; 365: 876-8.
272. **Narayan KM**, Echouffo-Tcheugui JB. Analysis of the Indian Council of Medical Research-India Diabetes (ICMR-INDIAB) Study. *J Diabetes Sci Technol* 2011; 5: 915-7.
273. Ali MK, Bullard KM, Beckles GL, Stevens MR, Barker L, **Narayan KM**, Imperatore G. Household income and cardiovascular risks in US children and young adults: analyses from NHANES 199-2008. *Diabetes Care* 2011; 34: 1998-2004.
274. **Narayan KM**, Russell E. response from the “West”. *Aust NZ J Public Health* 2011; 35: 312-3.
275. Huang C, Mehta NK, Elo IT, Cunningham SA, Stephenson R, Williamson DF, **Narayan KM**. Region of birth and disability among recent US immigrants: evidence from the 2000 Census. *Popul Res Policy Rev* 2011; 30: 399-418.
276. Nair M, Prabhakaran D, **Narayan KM**, et al. HbA1c values for defining diabetes and impaired glucose in Asian Indians. *Prim Care Diabetes* 2011; 2: 95-102.
277. **IOM** (Institute of Medicine), 2011. A nationwide framework for surveillance of cardiovascular and chronic lung diseases. Washington, DC: *The National Academies Press*.
278. Garcia de Quevedo I, Siminerio L, L'heveder R, **Narayan KM**. Challenges in real-life diabetes translation research: Early lessons from BRIDGES projects. *Diabetes Res Clin Pract.* 2012;95:317-25..

279. Chatterjee R, **Narayan KM**. Putting evidence for diabetes care into practice. *Curr Diabetes Rev*. 2011 Nov 1;7(6):406-15
280. **Narayan KM**, Echouffo-Tcheugui JB, Mohan V, Ali MK. Global prevention and control of type 2 diabetes will require paradigm shifts in policies within and among countries. *Health Aff (Millwood)*. 2012 Jan;31(1):84-92.
281. Tandon N, Ali MK, **Narayan KM**. Pharmacologic Prevention of Microvascular and Macrovascular Complications in Diabetes Mellitus: Implications of the Results of Recent Clinical Trials in Type 2 Diabetes. *Am J Cardiovasc Drugs*. 2012 Jan 4.
282. Gujral UP, Echouffo-Tcheugui JB, **Narayan KM**. Commentary: Trends in prevalence of type 2 diabetes and prediabetes in South Asians--does it tell a story? *Int J Epidemiol*. 2011 Dec;40(6):1554-5
283. Clinical profile of diabetes in the young seen between 1992 and 2009 at a specialist diabetes centre in south India. Amutha A, Datta M, Unnikrishnan IR, Anjana RM, Rema M, **Narayan KM**, Mohan V. *Prim Care Diabetes*. 2011 Dec;5(4):223-9.
284. Sullivan MD, O'Connor P, Feeney P, Hire D, Simmons DL, Raisch DW, Fine LJ, Narayan KM, Ali MK, Katon WJ. Depression Predicts All-Cause Mortality: Epidemiological evaluation from the ACCORD HRQL substudy. *Diabetes Care*. 2012 May 22.
285. O'Connor PJ, **Narayan KM**, Anderson R, Feeney P, Fine L, Ali MK, Simmons DL, Hire DG, Sperl-Hillen JM, Katz LA, Margolis KL, Sullivan MD. Effect of Intensive Versus Standard Blood Pressure Control on Depression and Health-Related Quality of Life in Type 2 Diabetes: The ACCORD trial. *Diabetes Care*. 2012 May 14.
286. Weber MB, Oza-Frank R, Staimez LR, Ali MK, **Narayan KM**. Type 2 Diabetes in Asians: Prevalence, Risk Factors, and Effectiveness of Behavioral Intervention at Individual and Population Levels. *Annu Rev Nutr*. 2012 Apr 17
287. Raisch DW, Feeney P, Goff DC Jr, **Narayan KM**, O'Connor PJ, Zhang P, Hire DG, Sullivan MD. Baseline comparison of three health utility measures and the feeling thermometer among participants in the action to control cardiovascular risk in diabetes trial. *Cardiovasc Diabetol*. 2012 Apr 19;11(1):35.
288. Tandon N, Ali MK, **Narayan KM**. Pharmacologic prevention of microvascular and macrovascular complications in diabetes mellitus: implications of the results of recent clinical trials in type 2 diabetes. *Am J Cardiovasc Drugs*. 2012 Feb 1;12(1):7-22.
289. Siegel KR, Echouffo-Tcheugui JB, Ali MK, Mehta NK, **Narayan KM**, Chetty V. Societal correlates of diabetes prevalence: An analysis across 94 countries. *Diabetes Res Clin Pract*. 2012 Apr;96(1):76-83.
290. Deepa M, Anjana RM, Manjula D, **Narayan KM**, Mohan V. Convergence of prevalence rates of diabetes and cardiometabolic risk factors in middle and low income groups in urban India: 10-year follow-up of the Chennai Urban Population Study. *J Diabetes Sci Technol*. 2011 Jul 1;5(4):918-27.
291. Jaacks LM, Oza-Frank R, D'Agostino R Jr, Dolan LM, Dabelea D, Lawrence JM, Pihoker C, O'Connor MR, Linder B, Imperatore G, Seid M, **Narayan KM**, Mayer-Davis EJ. Migration Status in Relation to Clinical Characteristics and Barriers to Care Among Youth with Diabetes in the US. *J Immigr Minor Health*. 2012 Apr 6.
292. Hwang CK, Han PV, Zabetian A, Ali MK, **Narayan KM**. Rural diabetes prevalence quintuples over twenty-five years in low- and middle-income countries: A systematic review and meta-analysis. *Diabetes Res Clin Pract*. 2012 Jan 17.
293. M. K. Ali, P. Feeney, D. Hire, D. L. Simmons, P. J. O'Connor, F. Ganz-Lord, D. Goff Jr, P. Zhang, R. T. Anderson, **K. M. V. Narayan** and M. D. Sullivan. Glycaemia and correlates of patient-reported outcomes in ACCORD trial participants. *Diabet. Med*. 29, e67–e74 (2012)

294. Cunningham SA, Vaquera E, Mature CC, **Narayan KM**, Is there evidence that friends influence body weight? A systematic review of empirical research. ***Soc Sci Med*** 2012; 75:1175-83.
295. CARRS Trial Writing Group, Shah S, Singh K, Ali MK, Mohan V, Kadir MM, Unnikrishnan AG, Sahay RK, Varthakavi P, Dharmalingam M, Viswanathan V, Masood Q, Bantwal G, Khadgawat R, Desai A, Sethi BK, Shivashankar R, Ajay VS, Reddy KS, Narayan KM, Prabhakaran D, Tandon N. Improving diabetes care: Multi-component cardiovascular disease risk reduction strategies for people with diabetes in South Asia-The CARRS Multi-center Translation Trial. *Diabetes Res Clin Pract.* 2012 Oct 18
296. Sreevatsava M, **Narayan KM**, Cunningham SA. Evidence for Interventions to Prevent and Control Obesity Among Children and Adolescents: Its Applicability to India. ***Indian J Pediatr.*** 2012 Oct 5.
297. Nair M, Ali MK, Ajay VS, Shivashankar R, Mohan V, Pradeepa R, Deepa M, Khan HM, Kadir MM, Fatmi ZA, Reddy KS, Tandon N, **Narayan KM**, Prabhakaran D. CARRS Surveillance study: design and methods to assess burdens from multiple perspective. ***BMC Public Health.*** 2012 Aug 28;12(1):701.
298. **Global Burden of Disease Group.** (Listed as named co-author) Global Burden of Diseases and Injuries for 291 causes, 21 regions, 1990-2010: a systematic analysis. ***Lancet*** 2012 (To be published Dec 15)
299. **Global Burden of Disease Group.** (Listed as named co-author) The Global Burden of Non-fatal Health Outcomes for 1.160 Sequelae of 291 Diseases and Injuries: a systematic analysis. ***Lancet*** 2012 (published Dec 15)
300. **Global Burden of Disease Group.** (Listed as named co-author) Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: A systematic analysis. ***Lancet*** 2012 (published Dec 15)
301. Bergman M, Dankner R, Roth J, **Narayan KM**. Are current diagnostic guidelines delaying early detection of dysglycemic states? Time for new approaches? ***Endocrine*** 2013 (January)
302. Gujral UP, Pradeepa R, Weber MB, **Narayan KM**, Mohan V. Type 2 diabetes in South Asians: similarities and differences with Caucasians and other populations. ***Ann NY Acad Sci*** 2013 (Jan)
303. Williams LB, Sattin RW, Dias J, Garvin JT, Marion L, Joshua T, Kriska A, Kramer MK, Echouffo-Tcheugui JB, Freeman A, **Narayan KM**. Design of a cluster-randomized controlled trial of a diabetes prevention program within African-American churches: The Fit Body and Soul study. ***Contemp Clin Trials.*** 2013 Mar;34(2):336-47
304. Mudaliar U, Kim WC, Kirk K, Rouse C, **Narayan KM**, Ali M. Are recommended standards for diabetes care met in Central and South America? A systematic review. ***Diabetes Res Clin Pract.*** 2013 Jan 30
305. Chatterjee R, **Narayan KM**, Lipscomb J, Jackson SL, Long Q, Zhu M, Phillips LS. Screening for Diabetes and Prediabetes Should be Cost-Saving in Patients at High Risk. ***Diabetes Care.*** 2013 Feb 7.
306. Mohan V, Amutha A, Ranjani H, Unnikrishnan R, Datta M, Anjana RM, Staimez L, Ali MK, **Narayan KM**. Associations of  $\beta$ -Cell Function and Insulin Resistance with Youth-Onset Type 2 Diabetes and Prediabetes Among Asian Indians. ***Diabetes Technol Ther.*** 2013 Apr;15(4):315-22
307. Staimez LR, Weber MB, **Narayan KM**, Oza-Frank R. A Systematic Review of Overweight, Obesity, and Type 2 Diabetes Among Asian American Subgroups. ***Curr Diabetes Rev.*** 2013 Apr 11.

308. Staimez LR, Weber MB, Ranjani H, Ali MK, Echouffo-Tcheugui JB, Phillips LS, Mohan V, **Narayan KM**. Evidence of Reduced Beta Cell Function in Asian Indians With Mild Dysglycemia. *Diabetes Care*. 2013 Apr 17
309. Ali MK, Rabadán-Diehl C, Flanigan J, Blanchard C, **Narayan KM**, Engelgau M. Systems and capacity to address noncommunicable diseases in low- and middle-income countries. *Sci Transl Med*. 2013 Apr 17;5(181)
310. Zabetian A, Keli HM, Tcheugui JE, **Narayan KM**, Ali MK. Diabetes in the Middle East and North Africa: a systematic review. *Diabetes Res Clin Pract* (In Press)
311. Yisahak SF, Beagley J, Hambleton IR, **Narayan KM**; on behalf of the IDF Diabetes Atlas. Diabetes in North America and The Caribbean: 2013 update for the IDF Diabetes Atlas. *Diabetes Res Clin Pract*. 2013
312. Zhou Y, Echouffo-Tcheugui JB, Gu JJ, Ruan XN, Zhao GM, Xu WH, Yang LM, Zhang H, Qiu H, **Narayan KM**, Sun Q. Prevalence of chronic kidney disease across levels of glycemia among adults in Pudong New Area, Shanghai, China. *BMC Nephrol*. 2013 Nov
313. Gujral UP, **Narayan KM**, Kahn SE, Kanaya AM. The relative associations of  $\beta$ -cell function and insulin sensitivity with glycemic status and incident glycemic progression in migrant Asian Indians in the United States: The MASALA study. *J Diabetes Complications*. 2013 Oct 11.
314. **Narayan KM**, Lall D. Screening for type 2 diabetes: does the ADDITION--Cambridge trial distract from the real policy challenge? *Natl Med J India*. 2013 Jan-Feb;26(1):1-3.
315. **Narayan KM**, Ali MK. Commentary: Shielding against a future inferno: the not-so-problematic discourse on socioeconomic status and cardiovascular health in India. *Int J Epidemiol*. 2013 Oct;42(5):1426-9
316. Gokulakrishnan K, Aravindhan V, Amutha A, Abhijit S, Ranjani H, Anjana RM, Unnikrishnan R, Miranda P, **Narayan KM**, Mohan V. 8. Serum adiponectin helps to differentiate type 1 and type 2 diabetes among young Asian Indians. *Diabetes Technol Ther*. 2013 Aug;15(8):696-702.
317. Echouffo-Tcheugui JB, Ali MK, Roglic G, Hayward RA, **Narayan KM**. Screening intervals for diabetic retinopathy and incidence of visual loss: a systematic review. *Diabet Med*. 2013 Nov;30(11):1272-92.
318. Marcinkavage JA, Alverson CJ, **Narayan KM**, Kahn HS, Ruben J, Correa A. Race/ethnicity disparities in dysglycemia among U.S. women of childbearing age found mainly in the nonoverweight/nonobese. *Diabetes Care*. 2013 Oct;36(10):3033-9.
319. Magee MJ, **Narayan KM**. Global confluence of infectious and non-communicable diseases -- the case of type 2 diabetes. *Prev Med*. 2013 Sep;57(3):149-51.
320. Magee MJ, Foote M, Maggio DM, Howards PP, **Narayan KM**, Blumberg HM, Ray SM, Kempker RR. Diabetes mellitus and risk of all-cause mortality among patients with tuberculosis in the state of Georgia, 2009-2012. *Ann Epidemiol*. 2014 Feb 8. pii: S1047-2797(14)00042-8
321. Rajalakshmi R, Amutha A, Ranjani H, Ali MK, Unnikrishnan R, Anjana RM, **Narayan KM**, Mohan V. Prevalence and risk factors for diabetic retinopathy in Asian Indians with young onset Type 1 and Type 2 Diabetes. *J Diabetes Complications*. 2014 Jan 6. pii: S1056-8727(13)00334-6.
322. Zabetian A, Sanchez IM, **Narayan KM**, Hwang CK, Ali MK. Global rural diabetes prevalence: A systematic review and meta-analysis covering 1990-2012. *Diabetes Res Clin Pract*. 2014 Jan 14. pii: S0168-8227(14)00007-2.
323. Yisahak SF, Beagley J, Hambleton IR, **Narayan KM**; IDF Diabetes Atlas. Diabetes in North America and The Caribbean: An update. *Diabetes Res Clin Pract*. 2014 Feb;103(2):223-30

324. Zhou Y, Echouffo-Tcheugui JB, Gu JJ, Ruan XN, Zhao GM, Xu WH, Yang LM, Zhang H, Qiu H, **Narayan KM**, Sun Q. Prevalence of chronic kidney disease across levels of glycemia among adults in Pudong New Area, Shanghai, China. *BMC Nephrol*. 2013 Nov 16;14:253.
325. Gujral UP, **Narayan KM**, Kahn SE, Kanaya AM. The relative associations of  $\beta$ -cell function and insulin sensitivity with glycemic status and incident glycemic progression in migrant Asian Indians in the United States: the MASALA study. *J Diabetes Complications*. 2014 Jan-Feb;28(1):45-50.
326. Deepa M, Papita M, Nazir A, Anjana RM, Ali MK, **Narayan KM**, Mohan V. Lean people with dysglycemia have a worse metabolic profile than centrally obese people without dysglycemia. *Diabetes Technol Ther*. 2014 Feb;16(2):91-6.
327. Cunningham SA, Kramer M, **Narayan KM**. Incidence of childhood obesity in the United States. *New Engl J Med* 2014 Jan 30;370(5):403-11
328. Margolis KL1, O'Connor PJ, Morgan TM, Buse JB, Cohen RM, Cushman WC, Cutler JA, Evans GW, Gerstein HC, Grimm RH Jr, Lipkin EW, **Narayan KM**, Riddle MC Jr, Sood A, Goff DC Jr. Outcomes of Combined Cardiovascular Risk Factor Management Strategies in Type 2 Diabetes: The ACCORD Randomized Trial. *Diabetes Care*. 2014 Mar 4.
329. Cha E, Kim KH, Umpierrez G, Dawkins CR, Bello MK, Lerner HM, **Narayan KM**, Dunbar SB. A Feasibility Study to Develop a Diabetes Prevention Program for Young Adults With Prediabetes by Using Digital Platforms and a Handheld Device. *Diabetes Educ*. 2014 Jun 20.
330. Vermund SH, **Narayan KM**, Glass RI. Chronic Diseases in HIV Survivors. *Sci Transl Med*. 2014 Jun 18;6(241):
331. Ferranti EP, **Narayan KM**, Reilly CM, Foster J, McCullough M, Ziegler TR, Guo Y, Dunbar SB. Dietary Self-Efficacy Predicts AHEI Diet Quality in Women With Previous Gestational Diabetes. *Diabetes Educ*. 2014 Jun 18
332. **Global Burden of Diseases Study Group**. Global, regional, and national prevalence of overweight and obesity in children and adults during 1980-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet*. 2014 May 28.
333. **Global Burden of Diseases Study Group**. Global, regional, and national levels of neonatal, infant, and under-5 mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet*. 2014 May 2
334. Cunningham SA, Kramer MR, **Narayan KM**. Incidence of childhood obesity in the United States. *N Engl J Med*. 2014 Apr 24;370(17):1660-1.
335. Magee MJ, Kempker RR, Kipiani M, Tukvadze N, Howards PP, **Narayan KM**, Blumberg HM. Diabetes mellitus, smoking status, and rate of sputum culture conversion in patients with multidrug-resistant tuberculosis: a cohort study from the country of Georgia. *PLoS One*. 2014 Apr 15;9(4):
336. Margolis KL, O'Connor PJ, Morgan TM, Buse JB, Cohen RM, Cushman WC, Cutler JA, Evans GW, Gerstein HC, Grimm RH Jr, Lipkin EW, **Narayan KM**, Riddle MC Jr, Sood A, Goff DC Jr. Outcomes of Combined Cardiovascular Risk Factor Management Strategies in Type 2 Diabetes: The ACCORD Randomized Trial. *Diabetes Care*. 2014 Jun;37(6):1721-8.
337. Patel SA, **Narayan KM**, Ali MK, Mehta NK. Interstate variation in modifiable risk factors and cardiovascular mortality in the United States. *PLoS One*. 2014 Jul 8;9(7):
338. Chowdhury R, **Narayan KM**, Zabetian A, Raj S, Tabassum R. Genetic Studies of Type 2 Diabetes in South Asians: A Systematic Overview. *Curr Diabetes Rev*. 2014 Jul 6.
339. Kelly L, Patel SA, **Narayan KM**, Prabhakaran D, Cunningham SA. Measuring social networks for medical research in lower-income settings. *PLoS One*. 2014 Aug 25;9(8):



340. Gregg EW, Zhuo X, Cheng YJ, Albright AL, **Narayan KM**, Thompson TJ. Trends in lifetime risk and years of life lost due to diabetes in the USA, 1985-2011: a modelling study. *Lancet Diabetes Endocrinol*. 2014 Aug 12.
341. **Narayan KM**, Miotti PG, Anand NP, Kline LM, Harmston C, Gulakowski R 3rd, Vermund SH. HIV and noncommunicable disease comorbidities in the era of antiretroviral therapy: a vital agenda for research in low- and middle-income country settings. *J Acquir Immune Defic Syndr*. 2014 Sep 1;67 Suppl 1:S2-7
342. Siegel KR, Ali MK, Srinivasiah A, Nugent RA, **Narayan KM**. Do we produce enough fruits and vegetables to meet global health need? *PLoS One*. 2014 Aug 6;9(8)
343. Olson DE, Zhu M, Long Q, Barb D, Haw JS, Rhee MK, Mohan AV, Watson-Williams PI, Jackson SL, Tomolo AM, Wilson PW, **Narayan KM**, Lipscomb J, Phillips LS. Increased Cardiovascular Disease, Resource Use, and Costs Before the Clinical Diagnosis of Diabetes in Veterans in the Southeastern U.S. *J Gen Intern Med*. 2015 Jan 22.
344. Carroll L, Ali MK, Cuff P, Huffman MD, Kelly BB, Kishore SP, **Narayan KM**, Siegel KR, Vedanthan R. Envisioning a transdisciplinary university. *J Law Med Ethics*. 2014 Dec;42 Suppl 2:17-25.
345. Parmar P, Krishnamurthi R, Ikram MA, Hofman A, Mirza SS, Varakin Y, Kravchenko M, Piradov M, Thrift AG, Norrving B, Wang W, Mandal DK, Barker-Collo S, Sahathevan R, Davis S, Saposnik G, Kivipelto M, Sindi S, Bornstein NM, Giroud M, Béjot Y, Brainin M, Poulton R, **Narayan KM**, Correia M, Freire A, Kokubo Y, Wiebers D, Mensah G, BinDhim NF, Barber PA, Pandian JD, Hankey GJ, Mehdiratta MM, Azhagammal S, Ibrahim NM, Abbott M, Rush E, Hume P, Hussein T, Bhattacharjee R, Purohit M, Feigin VL; Stroke Riskometer™ Collaboration Writing Group. The Stroke Riskometer(TM) App: Validation of a data collection tool and stroke risk predictor. *Int J Stroke*. 2015 Feb;10(2):231-44.
346. Anjana RM, Ranjani H, Unnikrishnan R, Weber MB, Mohan V, **Narayan KM**. Exercise patterns and behaviour in Asian Indians: Data from the baseline survey of the Diabetes Community Lifestyle Improvement Program (D-CLIP). *Diabetes Res Clin Pract*. 2015 Jan;107(1):77-84.
347. Shivashankar R, Kirk K, Kim WC, Rouse C, Tandon N, **Narayan KM**, Ali MK. Quality of diabetes care in low- and middle-income Asian and Middle Eastern countries (1993-2012) - 20-Year systematic review. *Diabetes Res Clin Pract*. 2014 Dec 3
348. Dall TM, Storm MV, Semilla AP, Wintfeld N, O'Grady M, **Narayan KM**. Value of Lifestyle Intervention to Prevent Diabetes and Sequelae. *Am J Prev Med*. 2014 Dec 3
349. Gokulakrishnan K, Amutha A, Ranjani H, Bibin SY, Balakumar M, Pandey GK, Anjana RM, Ali MK, **Narayan KM**, Mohan V. RELATIONSHIP OF ADIPOKINES AND PROINFLAMMATORY CYTOKINES AMONG ASIAN INDIANS WITH OBESITY AND YOUTH ONSET TYPE 2 DIABETES. *Endocr Pract*. 2015 Jul 7
350. Ali MK, Bhaskarapillai B, Shivashankar R, Mohan D, Fatmi ZA, Pradeepa R, Masood Kadir M, Mohan V, Tandon N, **Narayan KM**, Prabhakaran D; CARRS investigators. Socioeconomic status and cardiovascular risk in urban South Asia: The CARRS Study. *Eur J Prev Cardiol*. 2015 Apr 27
351. Patel SA, Winkel M, Ali MK, **Narayan KM**, Mehta NK. Cardiovascular Mortality Associated With 5 Leading Risk Factors: National and State Preventable Fractions Estimated From Survey Data. *Ann Intern Med*. 2015 Jun 30
352. **Global Burden of Disease Study 2013 Collaborators**. Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet*. 2015 Jun 7

353. Amutha A, Ali MK, Unnikrishnan R, Anjana RM, Ranjani H, Gokulakrishnan K, Mohan V, **Narayan KM**. Insulin sensitivity and secretion in youth onset type 2 diabetes with and without visceral adiposity. *Diabetes Res Clin Pract*. 2015 Jul;109(1):32-9.
354. Berg CJ, Ajay VS, Ali MK, Kondal D, Khan HM, Shivashankar R, Pradeepa R, Mohan D, Fatmi Z, Kadir MM, Tandon N, Mohan V, **Narayan KM**, Prabhakaran D. A cross-sectional study of the prevalence and correlates of tobacco use in Chennai, Delhi, and Karachi: data from the CARRS study. *BMC Public Health*. 2015 May 11;15:483.
355. Magee MJ, Kempker RR, Kipiani M, Gandhi NR, Darchia L, Tukvadze N, Howards PP, **Narayan KM**, Blumberg HM. Diabetes mellitus is associated with cavities, smear grade, and multidrug-resistant tuberculosis in Georgia. *Int J Tuberc Lung Dis*. 2015 Jun;19(6):685-92.
356. Feigin VL, Krishnamurthi R, Bhattacharjee R, Parmar P, Theadom A, Hussein T, Purohit M, Hume P, Abbott M, Rush E, Kasabov N, Crezee I, Frielick S, Barker-Collo S, Barber PA, Arroll B, Poulton R, Ratnasabathy Y, Tobias M, Cabral N, Martins SC, Furtado LE, Lindsay P, Saposnik G, Giroud M, Béjot Y, Hacke W, Mehndiratta MM, Pandian JD, Gupta S, Padma V, Mandal DK, Kokubo Y, Ibrahim NM, Sahathevan R, Fu H, Wang W, Liu L, Hou ZG, Goncalves AF, Correia M, Varakin Y, Kravchenko M, Piradov M, Saadah M, Thrift AG, Cadilhac D, Davis S, Donnan G, Lopez AD, Hankey GJ, Maujean A, Kendall E, Brainin M, Abd-Allah F, Bornstein NM, Caso V, Marquez-Romero JM, Akinyemi RO, Bin Dhim NF, Norrving B, Sindi S, Kivipelto M, Mendis S, Ikram MA, Hofman A, Mirza SS, Rothwell PM, Sandercock P, Shakir R, Sacco RL, Culebras A, Roth GA, Moradi-Lakeh M, Murray C, **Narayan KM**, Mensah GA, Wiebers D, Moran AE; RIBURST Study Collaboration Writing Group. New strategy to reduce the global burden of stroke. *Stroke*. 2015 Jun;46(6):1740-7.
357. Gujral UP, **Narayan KM**, Pradeepa RG, Deepa M, Ali MK, Anjana RM, Kandula NR, Mohan V, Kanaya AM. Comparing Type 2 Diabetes, Prediabetes, and Their Associated Risk Factors in Asian Indians in India and in the U.S.: The CARRS and MASALA Studies. *Diabetes Care*. 2015 Jul;38(7):1312-8.
358. **Narayan KM**, Weber MB. Screening for hyperglycemia: the gateway to diabetes prevention and management for all americans. *Ann Intern Med*. 2015 Jun 2;162(11):795-6.
359. Patel SA, **Narayan KM**, Cunningham SA. Unhealthy weight among children and adults in India: urbanicity and the crossover in underweight and overweight. *Ann Epidemiol*. 2015 May;25(5):336-341
360. Anand S, Shivashankar R, Ali MK, Kondal D, Binukumar B, Montez-Rath ME, Ajay VS, Pradeepa R, Deepa M, Gupta R, Mohan V, **Narayan KM**, Tandon N, Chertow GM, Prabhakaran D. Prevalence of chronic kidney disease in two major Indian cities and projections for associated cardiovascular disease. *Kidney Int*. 2015 Jul;88(1):178-85.
361. Ford ND, **Narayan KM**, Mehta NK. Diabetes among US- and foreign-born blacks in the USA. *Ethn Health*. 2015 Feb 19:1-14.
362. Jackson SL, Long Q, Rhee MK, Olson DE, Tomolo AM, Cunningham SA, Ramakrishnan U, **Narayan KM**, Phillips LS. Weight loss and incidence of diabetes with the Veterans Health Administration MOVE! lifestyle change programme: an observational study. *Lancet Diabetes Endocrinol*. 2015 Mar;3(3):173-80.
363. Olson DE, Zhu M, Long Q, Barb D, Haw JS, Rhee MK, Mohan AV, Watson-Williams PI, Jackson SL, Tomolo AM, Wilson PW, **Narayan KM**, Lipscomb J, Phillips LS. Increased cardiovascular disease, resource use, and costs before the clinical diagnosis of diabetes in veterans in the southeastern u.s. *Gen Intern Med*. 2015 Jun;30(6):749-57.
364. Carroll L, Ali MK, Cuff P, Huffman MD, Kelly BB, Kishore SP, **Narayan KM**, Siegel KR, Vedanthan R. Envisioning a transdisciplinary university. *Law Med Ethics*. 2014 Dec;42 Suppl 2:17-25.
365. **GBD 2013 Mortality and Causes of Death Collaborators**. Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013:

- a systematic analysis for the Global Burden of Disease Study 2013. *Lancet*. 2015 Jan 10;385(9963):117-71.
366. Weber MB, Ranjani H, Anjana RM, Mohan V, **Narayan KM**, Gazmararian JA. Behavioral and psychosocial correlates of adiposity and healthy lifestyle in Asian Indians. *Prim Care Diabetes*. 2015 Feb 26.
367. Goodman M, **Narayan KM**, Flanders D, Chang ET, Adami HO, Boffetta P, Mandel JS. Dose-response relationship between serum 2,3,7,8-tetrachlorodibenzo-p-dioxin and diabetes mellitus: a meta-analysis. *Am J Epidemiol*. 2015 Mar 15;181(6):374-84.
368. Echouffo-Tcheugui JB, Caleyachetty R, Muennig PA, **Narayan KM**, Golden SH. Cumulative social risk and type 2 diabetes in US adults: The National Health and Nutrition Examination Survey (NHANES) 1999-2006. *Eur J Prev Cardiol*. 2016 Jan 13.
369. Pasquel FJ, Hendrick AM, Ryan M, Cason E, Ali MK, **Narayan KM**. Cost-effectiveness of Different Diabetic Retinopathy Screening Modalities. *J Diabetes Sci Technol*. 2015 Dec 29
370. Sudharsanan N, Ali MK, Mehta NK, **Narayan KM**. Population aging, macroeconomic changes, and global diabetes prevalence, 1990-2008. *Popul Health Metr*. 2015 Dec 5;13:33.
371. Ilori TO, Sun Ro Y, Kong SY, Gutierrez OM, Ojo AO, Judd SE, **Narayan KM**, Goodman M, Plantinga L, McClellan W. Oxidative Balance Score and Chronic Kidney Disease. *Am J Nephrol*. 2015;42(4):320-7
372. Deepa M, Grace M, Binukumar B, Pradeepa R, Roopa S, Khan HM, Fatmi Z, Kadir MM, Naeem I, Ajay VS, Anjana RM, Ali MK, Prabhakaran D, Tandon N, Mohan V, **Narayan KM**; CARRS Surveillance Research Group. High burden of prediabetes and diabetes in three large cities in South Asia: The Center for Cardio-metabolic Risk Reduction in South Asia (CARRS) Study. *Diabetes Res Clin Pract*. 2015 Nov;110(2):172-82
373. Siegel KR, McKeever Bullard K, Ali MK, Stein AD, Kahn HS, Mehta NK, Webb Girard A, **Narayan KM**, Imperatore G. The contribution of subsidized food commodities to total energy intake among US adults. *Public Health Nutr*. 2015 Sep 1:1-10
374. Ranjani H, Weber MB, Anjana RM, Lakshmi N, **Narayan KM**, Mohan V. Recruitment challenges in a diabetes prevention trial in a low- and middle-income setting. *Diabetes Res Clin Pract*. 2015 Oct;110(1):51-9.
375. Jaacks LM, Ali MK, Bartlett J, Bloomfield GS, Checkley W, Gaziano TA, Heimbürger DC, Kishore SP, Kohler RE, Lipska KJ, Manders O, Ngaruiya C, Peck R, Pena MB, Watkins DA, Siegel KR, **Narayan KM**. Global Noncommunicable Disease Research: Opportunities and Challenges. *Ann Intern Med*. 2015 Nov 3;163(9):712-4
376. **Narayan KM**, Gujral UP. Evidence Tips the Scale Toward Screening for Hyperglycemia. *Diabetes Care*. 2015 Aug;38(8):1399-401
377. Ryan ME, Rajalakshmi R, Prathiba V, Anjana RM, Ranjani H, **Narayan KM**, Olsen TW, Mohan V, Ward LA, Lynn MJ, Hendrick AM. Comparison Among Methods of Retinopathy Assessment (CAMRA) Study: Smartphone, Nonmydriatic, and Mydriatic Photography. *Ophthalmology*. 2015 Oct;122(10):2038-43.
378. Gokulakrishnan K, Amutha A, Ranjani H, Bibin SY, Balakumar M, Pandey GK, Anjana RM, Ali MK, **Narayan KM**, Mohan V. RELATIONSHIP OF ADIPOKINES AND PROINFLAMMATORY CYTOKINES AMONG ASIAN INDIANS WITH OBESITY AND YOUTH ONSET TYPE 2 DIABETES. *Endocr Pract*. 2015 Oct;21(10):1143-51
379. Patel SA, Winkel M, Ali MK, **Narayan KM**, Mehta NK. Cardiovascular mortality associated with 5 leading risk factors: national and state preventable fractions estimated from survey data. *Ann Intern Med*. 2015 Aug 18;163(4):245-53
380. Amutha A, Ali MK, Unnikrishnan R, Anjana RM, Ranjani H, Gokulakrishnan K, Mohan V, **Narayan KM**. Insulin sensitivity and secretion in youth onset type 2 diabetes with and without visceral adiposity. *Diabetes Res Clin Pract*. 2015 Jul;109(1):32-9

381. Ali MK, Bhaskarapillai B, Shivashankar R, Mohan D, Fatmi ZA, Pradeepa R, Masood Kadir M, Mohan V, Tandon N, **Narayan KM**, Prabhakaran D; CARRS investigators. Socioeconomic status and cardiovascular risk in urban South Asia: The CARRS Study. *Eur J Prev Cardiol*. 2015 Apr 27
382. Lall D, Cason E, Pasquel FJ, Ali MK, **Narayan KM**. Effectiveness of Influenza Vaccination for Individuals with Chronic Obstructive Pulmonary Disease (COPD) in Low- and Middle-Income Countries. *COPD*. 2016 Feb;13(1):93-9.
383. Sattin RW, Williams LB, Dias J, Garvin JT, Marion L, Joshua TV, Kriska A, Kramer MK, **Narayan KM**. Community Trial of a Faith-Based Lifestyle Intervention to Prevent Diabetes Among African-Americans. *J Community Health*. 2016 Feb;41(1):87-96
384. Echouffo-Tcheugui JB, **Narayan KM**, Weisman D, Golden SH, Jaar BG. Association between prediabetes and risk of chronic kidney disease: a systematic review and meta-analysis. *Diabet Med*. 2016 Mar 21
385. Pronk NP, **Narayan KM**. The Application of Systems Science to Addressing Obesity at the Workplace: Tapping into Unexplored Potential. *J Occup Environ Med*. 2016 Feb;58(2):123-6
386. Pasquel FJ, Hendrick AM, Ryan M, Cason E, Ali MK, **Narayan KM**. Cost-effectiveness of Different Diabetic Retinopathy Screening Modalities. *J Diabetes Sci Technol*. 2015 Dec 29;10(2):301-7.
387. Haw JS, **Narayan KM**, Ali MK. Quality improvement in diabetes--successful in achieving better care with hopes for prevention. *Ann N Y Acad Sci*. 2015 Sep;1353:138-51.
388. **Narayan KM**. Type 2 Diabetes: Why we are winning the battle but losing the war? Kelly West Award Lecture. *Diabetes Care* 2016 May; 39: 653-63.
389. Mendenhall E, McMurry HS, Shivashankar R, **Narayan KM**, Tandon N, Prabhakaran D. Normalizing diabetes in Delhi: a qualitative study of health and health care. *Anthropol Med*. 2016 Jun 21:1-16.
390. Shivashankar R, Bhalla S, Kondal D, Ali MK, Prabhakaran D, **Narayan KM**, Tandon N. Adherence to diabetes care processes at general practices in the National Capital Region-Delhi, India. *Indian J Endocrinol Metab*. 2016 May-Jun;20(3):329-36.
391. Jaacks LM, Kapoor D, Singh K, **Narayan KM**, Ali MK, Kadir MM, Mohan V, Tandon N, Prabhakaran D. Vegetarianism and cardiometabolic disease risk factors: Differences between South Asian and US adults. *Nutrition*. 2016 Mar 4. pii: S0899-9007(16)00113-1. doi: 10.1016/j.nut.2016.02.011.
392. Patel SA, Shivashankar R, Ali MK, Anjana RM, Deepa M, Kapoor D, Kondal D, Rautela G, Mohan V, **Narayan KM**, Kadir MM, Fatmi Z, Prabhakaran D, Tandon N; CARRS Investigators. Is the "South Asian Phenotype" Unique to South Asians?: Comparing Cardiometabolic Risk Factors in the CARRS and NHANES Studies. *Glob Heart*. 2016 Mar;11(1):89-96.
393. Engelgau MM, Sampson UK, Rabadan-Diehl C, Smith R, Miranda J, Bloomfield GS, Belis D, **Narayan KM**; National Health, Lung, and Blood Institute–UnitedHealth Global Health Centers of Excellence Collaborators. Tackling NCD in LMIC: Achievements and Lessons Learned From the NHLBI-UnitedHealth Global Health Centers of Excellence Program. *Glob Heart*. 2016 Mar;11(1):5-15.
394. Bloomfield GS, **Narayan KM**, Sampson UK, Narula J. What Defines a Valuable Investment in Global Health Research? *Glob Heart*. 2016 Mar;11(1):1-3.
395. **Narayan KM** (Interview). The Mysteries of type 2 diabetes in developing countries. **Bull World Health Organ** 2016; 94: 241-42.
396. Ali MK, Singh K, Kondal D, Devarajan R, Patel SA, Shivashankar R, Ajay VS, Unnikrishnan AG, Menon U, Varthakavi PK, Vishwanathan V, Dharmalingam M, Bantwal G, Sahay RK, Masood MQ, Khadgawat R, Desai A, Sethi B, Prabhakaran D, **Narayan KM**, Tandon N.

- Effectiveness of a multicomponent quality improvement strategy to improve achievement of diabetes care goals. *Ann Intern Med* 2016; July 12
397. Siegel KR, Bullard KM, Imperatore G, Kahn HS, Stein AD, Ali MK, **Narayan KM**. Association of higher consumption of foods derived from subsidized commodities with adverse cardiometabolic risk among US adults. *JAMA Int Med* 2016; July 5
398. Ali MK, **Narayan KM**. Screening for dysglycemia: Connecting supply and demand to slow growing diabetes incidence. *PLOS Medicine* 2016; July 19
399. Satija A, Khandpur N, Arora M, Prabhakaran D, **Narayan KM**. *Med Sci Sports Exerc*. 2016 May;48(5 Suppl 1):765.
400. **Narayan KM**. Pathogenesis of Type 2 Diabetes in "Thin" Asians: Fundamentally Different? *Diabetes Care* 2016; July (In Press)
401. Weber MB, Ranjani H, Staimez LR, Anjana RM, Ali MK, **Narayan KM**, Mohan V. The Stepwise Approach to Diabetes Prevention: Results From the D-CLIP Randomized Controlled Trial. *Diabetes Care*. 2016 Oct;39(10):1760-7
402. Engelgau MM, Peprah E, Sampson UK, Mishoe H, Benjamin IJ, Douglas PS, Hochman JS, Ridker PM, Brandes N, Checkley W, El-Saharty S, Ezzati M, Hennis A, Jiang L, Krumholz HM, Lamourelle G, Makani J, **Narayan KM**, Ohene-Frempong K, Straus SE, Stuckler D, Chambers DA, Belis D, Bennett GC, Boyington JE, Creazzo TL, de Jesus JM, Krishnamurti C, Lowden MR, Punturieri A, Shero ST, Young NS, Zou S, Mensah GA. Perspectives from NHLBI Global Health Think Tank Meeting for Late Stage (T4) Translation Research. *Glob Heart*. 2016 Jul 21.
403. Ali MK, **Narayan KM**. Screening for Dysglycemia: Connecting Supply and Demand to Slow Growth in Diabetes Incidence. *PLoS Med*. 2016 Jul 19;13(7)
404. Jaacks LM, Siegel KR, Gujral UP, **Narayan KM**. Type 2 diabetes: A 21st century epidemic. *Best Pract Res Clin Endocrinol Metab*. 2016 Jun;30(3):331-43.
405. Ali MK, Singh K, Kondal D, Devarajan R, Patel SA, Shivashankar R, Ajay VS, Unnikrishnan AG, Menon VU, Varthakavi PK, Viswanathan V, Dharmalingam M, Bantwal G, Sahay RK, Masood MQ, Khadgawat R, Desai A, Sethi B, Prabhakaran D, **Narayan KM**, Tandon N; CARRS Trial Group.. Effectiveness of a Multicomponent Quality Improvement Strategy to Improve Achievement of Diabetes Care Goals: A Randomized, Controlled Trial. *Ann Intern Med*. 2016 Sep 20;165(6):399-408.
406. Siegel KR, McKeever Bullard K, Imperatore G, Kahn HS, Stein AD, Ali MK, **Narayan KM**. Association of Higher Consumption of Foods Derived From Subsidized Commodities With Adverse Cardiometabolic Risk Among US Adults. *JAMA Intern Med*. 2016 Aug 1;176(8):1124-32.
407. Graham HT, Rotroff DM, Marvel SW, Buse JB, Havener TM, Wilson AG, Wagner MJ, Motsinger-Reif AA; **ACCORD/ACCORDion Investigators**. Incorporating Concomitant Medications into Genome-Wide Analyses for the Study of Complex Disease and Drug Response. *Front Genet*. 2016 Aug 17;7:138.
408. Jackson SL, Safo SE, Staimez LR, Olson DE, **Narayan KMY**, Long Q, Lipscomb J, Rhee MK, Wilson PWF, Tomolo AM, Phillips LS. Glucose challenge test screening for prediabetes and early diabetes. *Diabet Med*. 2017 May;34(5):716-724.
409. Patel SA, Ali MK, **Narayan KM**, Mehta NK. County-Level Variation in Cardiovascular Disease Mortality in the United States in 2009-2013: Comparative Assessment of Contributing Factors. *Am J Epidemiol*. 2016 Dec 15;184(12):933-942.

410. Jackson SL, Safo S, Staimez LR, Long Q, Rhee MK, Cunningham SA, Olson DE, Tomolo AM, Ramakrishnan U, **Narayan KM**, Phillips LS. Reduced Cardiovascular Disease Incidence With a National Lifestyle Change Program. *Am J Prev Med*. 2017 Apr;52(4):459-468.
411. Ford ND, Patel SA, **Narayan KM**. Obesity in Low- and Middle-Income Countries: Burden, Drivers, and Emerging Challenges. *Annu Rev Public Health*. 2017 Mar 20;38:145-164.
412. Shaikh NI, Frediani JK, Ramakrishnan U, Patil SS, Yount KM, Martorell R, **Narayan KMV**, Cunningham SA. Development and evaluation of a Nutrition Transition-FFQ for adolescents in South India. *Public Health Nutr*. 2017 May;20(7):1162-1172.
413. Hulman A, Gujral UP, **Narayan KMV**, Pradeepa R, Mohan D, Anjana RM, Mohan V, Færch K, Witte DR. Glucose patterns during the OGTT and risk of future diabetes in an urban Indian population: The CARRS study. *Diabetes Res Clin Pract*. 2017 Apr;126:192-197.
414. Ilori TO, Wang X, Huang M, Gutierrez OM, **Narayan KM**, Goodman M, McClellan W, Plantinga L, Ojo AO. Oxidative Balance Score and the Risk of End-Stage Renal Disease and Cardiovascular Disease. *Am J Nephrol*. 2017;45(4):338-345.
415. Anand S, Kondal D, Montez-Rath M, Zheng Y, Shivashankar R, Singh K, Gupta P, Gupta R, Ajay VS, Mohan V, Pradeepa R, Tandon N, Ali MK, **Narayan KM**, Chertow GM, Kandula N, Prabhakaran D, Kanaya AM. Prevalence of chronic kidney disease and risk factors for its progression: A cross-sectional comparison of Indians living in Indian versus U.S. cities. *PLoS One*. 2017 Mar 15;12(3):
416. Gujral UP, Vittinghoff E, Mongraw-Chaffin M, Vaidya D, Kandula NR, Allison M, Carr J, Liu K, **Narayan KMV**, Kanaya AM. Cardiometabolic Abnormalities Among Normal-Weight Persons From Five Racial/Ethnic Groups in the United States: A Cross-sectional Analysis of Two Cohort Studies. *Ann Intern Med*. 2017 May 2;166(9):628-636.
417. Misra A, Tandon N, Ebrahim S, Sattar N, Alam D, Shrivastava U, **Narayan KM**, Jafar TH. Diabetes, cardiovascular disease, and chronic kidney disease in South Asia: current status and future directions. *BMJ*. 2017 Apr 11;357:j1420.
418. Patel SA, Deepa M, Shivashankar R, Ali MK, Kapoor D, Gupta R, Lall D, Tandon N, Mohan V, Kadir MM, Fatmi Z, Prabhakaran D, **Narayan KMV**. Comparison of multiple obesity indices for cardiovascular disease risk classification in South Asian adults: The CARRS Study. *PLoS One*. 2017 Apr 27;12(4):e0174251
419. Naser AM, Martorell R, **Narayan KMV**, Clasen TF. First Do No Harm: The Need to Explore Potential Adverse Health Implications of Drinking Rainwater. *Environ Sci Technol*. 2017 Jun 6;51(11):5865-5866.
420. **Narayan KM**, Rhodes EC. Addressing noncommunicable diseases in primary care: the case of type 2 diabetes. *J R Coll Physicians Edinb*. 2016 Dec;46(4):272-277.
421. Rhodes EC, Gujral UP, **Narayan KM**. Mysteries of type 2 diabetes: the Indian Elephant meets the Chinese Dragon. *Eur J Clin Nutr*. 2017 Jun 14. doi: 10.1038/ejcn.2017.93
422. Gokulakrishnan K, Ranjani H, Weber MB, Pandey GK, Anjana RM, Balasubramanyam M, Prabhakaran D, Tandon N, **Narayan KM**, Mohan V. Effect of lifestyle improvement program on the biomarkers of adiposity, inflammation and gut hormones in overweight/obese Asian Indians with prediabetes. *Acta Diabetol*. 2017 Jun 15. doi: 10.1007/s00592-017-1015-9
423. Mehta NK, Patel SA, Ali MK, **Narayan KM**. Preventing Disability: The Influence Of Modifiable Risk Factors On State And National Disability Prevalence. *Health Aff (Millwood)*. 2017 Apr 1;36(4):626-635
424. Amutha A, Anjana RM, Venkatesan U, Ranjani H, Unnikrishnan R, **Narayan KM**, Mohan V, Ali MK. Incidence of complications in young-onset diabetes: Comparing type 2 with type 1 (the young diab study). *Diabetes Res Clin Pract*. 2017 Jan;123:1-8.

425. Cunningham SA, Datar A, **Narayan KMV**, Kramer MR. Entrenched obesity in childhood: findings from a national cohort study. *Ann Epidemiol*. 2017 May 31. pii: S1047-2797(16)30341-6.
426. Kowalski AJ, Poongothai S, Chwastiak L, Hutcheson M, Tandon N, Khadgawat R, Sridhar GR, Aravind SR, Sosale B, Anjana RM, Rao D, Sagar R, Mehta N, **Narayan KMV**, Unutzer J, Katon W, Mohan V, Ali MK. The INtegrating DEPrEssioN and Diabetes treatmENT (INDEPENDENT) study: Design and methods to address mental healthcare gaps in India. *Contemp Clin Trials*. 2017 Jun 19. pii: S1551-7144(16)30247-6.
427. **Narayan KMV**. Public health challenges for the 21st century: Convergence of demography, economics, environment and biology: Nalanda distinguished lecture. *Natl Med J India*. 2017 Jul-Aug;30(4):219-223
428. Haw JS, Galaviz KI, Straus AN, Kowalski AJ, Magee MJ, Weber MB, Wei J, **Narayan KMV**, Ali MK. Long-term Sustainability of Diabetes Prevention Approaches: A Systematic Review and Meta-analysis of Randomized Clinical Trials. *JAMA Intern Med*. 2017 Dec 1;177(12):1808-1817.
429. Prabhakaran D, Anand S, Watkins D, Gaziano T, Wu Y, Mbanya JC, Nugent R; Disease Control Priorities-3 Cardiovascular, Respiratory, and Related Disorders Author Group. Cardiovascular, respiratory, and related disorders: key messages from Disease Control Priorities, 3rd edition. *Lancet*. 2017 Nov 3. pii: S0140-6736(17)32471-6
430. Anand S, Zheng Y, Montez-Rath ME, Wei WJ, Perico N, Carminati S, **Narayan KM**, Tandon N, Mohan V, Jha V, Zhang L, Remuzzi G, Prabhakaran D, Chertow GM. Do attributes of persons with chronic kidney disease differ in low-income and middle-income countries compared with high-income countries? Evidence from population-based data in six countries. *BMJ Glob Health*. 2017 Oct 9;2(4):
431. Singh K, Kondal D, Shivashankar R, Ali MK, Pradeepa R, Ajay VS, Mohan V, Kadir MM, Sullivan MD, Tandon N, **Narayan KMV**, Prabhakaran D. Health-related quality of life variations by sociodemographic factors and chronic conditions in three metropolitan cities of South Asia: the CARRS study. *Sleep*. 2017 Sep 1;40(9)
432. Mehta S, Mocarski M, Wisniewski T, Gillespie K, **Narayan KMV**, Lang K. Primary care physicians' utilization of type 2 diabetes screening guidelines and referrals to behavioral interventions: a survey-linked retrospective study. *BMJ Open Diabetes Res Care*. 2017 Aug 11;5(1):
433. Prabhakaran D, Jeemon P, Ghosh S, Shivashankar R, Ajay VS, Kondal D, Gupta R, Ali MK, Mohan D, Mohan V, Kadir MM, Tandon N, Reddy KS, **Narayan KMV**. Prevalence and incidence of hypertension: Results from a representative cohort of over 16,000 adults in three cities of South Asia. *Indian Heart J*. 2017 Jul - Aug;69(4):434-441.
434. Mukherjee D, Safraj S, Tayyab M, Shivashankar R, Patel SA, Narayanan G, Ajay VS, Ali MK, **Narayan KM**, Tandon N, Prabhakaran D. Park availability and major depression in individuals with chronic conditions: Is there an association in urban India? *Health Place*. 2017 Sep;47:54-62.
435. **Narayan KM**. Public health challenges for the 21st century: Convergence of demography, economics, environment and biology: Nalanda distinguished lecture. *Natl Med J India*. 2017 Jul-Aug;30(4):219-223
436. Haw JS, Galaviz KI, Straus AN, Kowalski AJ, Magee MJ, Weber MB, Wei J, **Narayan KMV**, Ali MK. Long-term Sustainability of Diabetes Prevention Approaches: A Systematic Review and Meta-analysis of Randomized Clinical Trials. *JAMA Intern Med*. 2017 Dec 1;177(12):1808-1817
437. Stamez LR, Wei MY, Kim M, **Narayan KMV**, Saydah SH. Multimorbidity of four cardiometabolic and chronic pulmonary disease groups: prevalence and attributable fraction

- in US adults, 2007-2012. *J Comorb*. 2017 Mar 13;7(1):22-32
438. Ali M, Siegel KR, Chandrasekar E, Tandon N, Montoya PA, Mbanya JC, Chan J, Zhang P, **Narayan KM**. Diabetes: An Update on the Pandemic and Potential Solutions. In: *Disease Control Priorities (Volume 5), World Bank Publications*, 2017.
439. Magee M, Ali M, Prabhakaran D, Ajay VS, **Narayan KM**. Integrated Public Health and Health Service Delivery for Noncommunicable Diseases and Comorbid Infectious Diseases and Mental Health. In: *Disease Control Priorities (Volume 5), World Bank Publications*, 2017.
440. Khandelwal S, Kurpad A, **Narayan KMV**. Global Non-Communicable Diseases-The Nutrition Conundrum. *Front Public Health*. 2018 Jan 29;6:9
441. Singh K, Patel SA, Biswas S, Shivashankar R, Kondal D, Ajay VS, Anjana RM, Fatmi Z, Ali MK, Kadir MM, Mohan V, Tandon N, **Narayan KMV**, Prabhakaran D. Multimorbidity in South Asian adults: prevalence, risk factors and mortality. *J Public Health (Oxf)*. 2018 Feb 7
442. Engelgau MM, **Narayan KMV**, Ezzati M, Salicrup LA, Belis D, Aron LY, Beaglehole R, Beaudet A, Briss PA, Chambers DA, Devaux M, Fiscella K, Gottlieb M, Hakkinen U, Henderson R, Hennis AJ, Hochman JS, Jan S, Koroshetz WJ, Mackenbach JP, Marmot MG, Martikainen P, McClellan M, Meyers D, Parsons PE, Rehnberg C, Sanghavi D, Sidney S, Siega-Riz AM, Straus S, Woolf SH, Constant S, Creazzo TL, de Jesus JM, Gavini N, Lerner NB, Mishoe HO, Nelson C, Peprah E, Punturieri A, Sampson U, Tracy RL, Mensah GA. Implementation Research to Address the United States Health Disadvantage: Report of a National Heart, Lung, and Blood Institute Workshop. *Glob Heart*. 2018 Apr 28
443. Ashinne B, Rajalakshmi R, Anjana RM, **Narayan KMV**, Jayashri R, Mohan V, Hendrick AM. Association of serum vitamin D levels and diabetic retinopathy in Asian Indians with type 2 diabetes. *Diabetes Res Clin Pract*. 2018 May;139:308-313
444. Ogilvie RP, Patel SA, **Narayan KMV**, Mehta NK. Are the U.S. territories lagging behind in diabetes care practices? *Prim Care Diabetes*. 2018 May 9
445. **GBD 2016 Healthcare Access and Quality Collaborators**. Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. *Lancet*. 2018 Jun 2;391(10136):2236-2271.
446. **Narayan KMV**, Jagannathan R. Two in One: Diagnosing Type 2 Diabetes With Single-Sample Testing. *Ann Intern Med*. 2018 Jun 19.
447. Galaviz KI, Weber MB, Straus A, Haw JS, Narayan KMV, Ali MK. Global Diabetes Prevention Interventions: A Systematic Review and Network Meta-analysis of the Real-World Impact on Incidence, Weight, and Glucose. *Diabetes Care*. 2018 Jul;41(7):1526-1534
448. Amere GA, Nayak P, Salindri AD, **Narayan KMV**, Magee MJ. Contribution of Smoking to Tuberculosis Incidence and Mortality in High-Tuberculosis-Burden Countries. *Am J Epidemiol*. 2018 Sep 1;187(9):1846-1855.
449. **Narayan KMV**, Jagannathan R. Two in One: Diagnosing Type 2 Diabetes With Single-Sample Testing. *Ann Intern Med*. 2018 Aug 7;169(3):193-194.
450. Gujral UP, Weber MB, Staimez LR, **Narayan KMV**. Diabetes Among Non-Overweight Individuals: an Emerging Public Health Challenge. *Curr Diab Rep*. 2018 Jul 4;18(8):60.
451. Satija A, Khandpur N, Satija S, Mathur Gaiha S, Prabhakaran D, Reddy KS, Arora M, **Narayan KMV**. Physical Activity Among Adolescents in India: A Qualitative Study of Barriers and Enablers. *Health Educ Behav*. 2018 Jul 1
452. Singh K, Johnson L, Devarajan R, Shivashankar R, Sharma P, Kondal D, Ajay VS, **Narayan KM**, Prabhakaran D, Ali MK, Tandon N. Acceptability of a decision-support electronic health record system and its impact on diabetes care goals in South Asia: a mixed-



methods evaluation of the CARRS trial. Acceptability of a decision-support electronic health record system and its impact on diabetes care goals in South Asia: a mixed-methods evaluation of the CARRS trial. *Diabet Med*. 2018 Aug 24.

453. Galaviz KI, **Narayan KM**, Manders O, McFarland DA, Goenka S, Torres-Mejía G, Srinath Reddy K, Rafael Lozano P, Magaña-Valladares L, Prabhakaran D, Ali MK. The Public Health Leadership and Implementation Academy (PH-LEADER) for Non-Communicable Diseases. *Health Syst Reform*. 2016;2(3):222-228.
454. Gujral UP, Mohan V, Pradeepa R, Deepa M, Anjana RM, **Narayan KM**. Ethnic differences in the prevalence of diabetes in underweight and normal weight individuals: The CARRS and NHANES studies. *Diabetes Res Clin Pract*. 2018 Sep 20;146:34-40.
455. Echouffo-Tcheugui JB, Yaya S, Joshi R, **Narayan KM**, Kengne AP. Population surveillance of cardiovascular diseases in low-income to middle-income countries should leverage existing international collaborations. *BMJ Glob Health*. 2018 Oct 1;3(5):
456. Rhodes EC, Chandrasekar EK, Patel SA, **Narayan KM**, Joshua TV, Williams LB, Marion L, Ali MK. Cost-effectiveness of a faith-based lifestyle intervention for diabetes prevention among African Americans: A within-trial analysis. *Diabetes Res Clin Pract*. 2018 Sep 28;146:85-92.
457. Kapoor D, Iqbal R, Singh K, Jaacks LM, Shivashankar R, Sudha V, Anjana RM, Kadir M, Mohan V, Ali MK, **Narayan KM**, Tandon N, Prabhakaran D, Merchant. Association of dietary patterns and dietary diversity with cardiometabolic disease risk factors among adults in South Asia: The CARRS study. *Asia Pac J Clin Nutr*. 2018;27(6):1332-1343
458. Wei J, Anjana RM, Goenka S, Lobelo F, Shivashankar R, Kadir MM, Tandon N, Mohan V, **Narayan KMV**, Prabhakaran D, Ali MK. Physical activity, sitting, and risk factors of cardiovascular disease: a cross-sectional analysis of the CARRS study. *J Behav Med*. 2018 Nov 16
459. Ford CN, Weber MB, Staimez LR, Anjana RM, Lakshmi K, Mohan V, **Narayan KMV**, Harish R. Dietary changes in a diabetes prevention intervention among people with prediabetes: the Diabetes Community Lifestyle Improvement Program trial. *Acta Diabetol*. 2018 Nov 13
460. **Narayan KM**, Patel SA, Cunningham SA, Curran J. Ominous Reversal of Health Gains in US: Time for Rethinking of Research Priorities? *Ann Intern Med* 2019 Feb 12
461. Singh K, **Narayan KMV**, Eggleston K. Economic Impact of Diabetes in South Asia: the Magnitude of the Problem. *Curr Diab Rep*. 2019 May 16;19(6):34
462. Naser AM, Rahman M, Unicomb L, Doza S, Gazi MS, Alam GR, Karim MR, Uddin MN, Khan GK, Ahmed KM, Shamsudduha M, Anand S, **Narayan KMV**, Chang HH, Luby SP, Gribble MO, Clasen TF. Drinking Water Salinity, Urinary Macro-Mineral Excretions, and Blood Pressure in the Southwest Coastal Population of Bangladesh. *J Am Heart Assoc*. 2019 May 7;8(9):e012007.
463. Galaviz KI, **Narayan KMV**, Manders OC, Torres-Mejía G, Goenka S, McFarland DA, Reddy KS, Lozano R, Valladares LM, Prabhakaran D, Ali MK. The Public Health Leadership and Implementation Academy for Noncommunicable Diseases. *Prev Chronic Dis*. 2019 Apr 18;16
464. Patel SA, Cunningham SA, Tandon N, **Narayan KMV**. Chronic Diseases in India-Ubiquitous Across the Socioeconomic Spectrum. *JAMA Netw Open*. 2019 Apr 5;2(4):
465. Rao SG, Galaviz KI, Gay HC, Wei J, Armstrong WS, Del Rio C, **Narayan KMV**, Ali MK. Factors Associated With Excess Myocardial Infarction Risk in HIV-Infected Adults: A Systematic Review and Meta-analysis. *J Acquir Immune Defic Syndr*. 2019 Jun 1;81(2):224-230.
466. O'Callaghan-Gordo C, Shivashankar R, Anand S, Ghosh S, Glaser J, Gupta R, Jakobsson

- K, Kondal D, Krishnan A, Mohan S, Mohan V, Nitsch D, P A P, Tandon N, **Narayan KMV**, Pearce N, Caplin B, Prabhakaran D. Prevalence of and risk factors for chronic kidney disease of unknown aetiology in India: secondary data analysis of three population-based cross-sectional studies. *BMJ Open*. 2019 Mar 7;9(3):
467. Ourshalimian S, Naser AM, Rahman M, Doza S, Stowell J, **Narayan KMV**, Shamsudduha M, Gribble MO. Arsenic and fasting blood glucose in the context of other drinking water chemicals: a cross-sectional study in Bangladesh. *Environ Res*. 2019 May;172:249-257.
468. Leet RW, Whitsel E, Staimez L, Horvath S, Assimes T, Bhatti P, Jordahl K, **Narayan KMV**, Conneely K. Epigenome-wide Association Study of Diet Quality in the Women's Health Initiative (OR31-06-19). *Curr Dev Nutr*. 2019 Jun 13;3(Suppl 1).
469. He S, Le NA, Ramirez-Zea M, Martorell R, **Narayan KMV**, Stein A. Principal Component Analysis-Derived Clusters of Postprandial Biomarker Responses Differed by Cardiometabolic Disease Risk but Not by Early Life Nutritional Exposure (P18-123-19). *Curr Dev Nutr*. 2019 Jun 13;3(Suppl 1).
470. Jagannathan R, Patel SA, Ali MK, **Narayan KMV**. Global Updates on Cardiovascular Disease Mortality Trends and Attribution of Traditional Risk Factors. *Curr Diab Rep*. 2019 Jun 20;19(7):44
471. Naser AM, Shamsudduha M, Clasen TF, **Narayan KMV**. Letter to the Editor Regarding, "The Unintended Consequences of the Reverse Osmosis Revolution". *Environ Sci Technol*. 2019 Jun 13
472. Galaviz KI, Ali MK, Haw JS, Magee MJ, Kowalski A, Wei J, Straus A, Weber MB, Vos T, Murray C, **Narayan KMV**. The Estimating effectiveness from efficacy taxonomy (EFFECT): A tool to estimate the real-world impact of health interventions. *Diabetes Res Clin Pract*. 2019 May 29
473. Gujral UP, Prabhakaran D, Pradeepa R, Kandula NR, Kondal D, Deepa M, Zakai NA, Anjana RM, Rautela G, Mohan V, **Narayan KMV**, Tandon N, Kanaya AM. Isolated HbA1c identifies a different subgroup of individuals with type 2 diabetes compared to fasting or post-challenge glucose in Asian Indians: The CARRS and MASALA studies. *Diabetes Res Clin Pract*. 2019 May 28;153:93-102.
474. Staimez LR, Deepa M, Ali MK, Mohan V, Hanson RL, **Narayan KMV**. Tale of Two Indians: Heterogeneity in Type 2 Diabetes Pathophysiology. *Diabetes Metab Res Rev*. 2019 May 30
475. Aifah A, Iwelunmor J, Akwanalo C, Allison J, Amberbir A, Asante KP, Baumann A, Brown A, Butler M, Dalton M, Davila-Roman V, Fitzpatrick AL, Fort M, Goldberg R, Gondwe A, Ha D, He J, Hosseinipour M, Irazola V, Kamano J, Karengera S, Karmacharya BM, Koju R, Maharjan R, Mohan S, Mutabazi V, Mutimura E, Muula A, **Narayan KMV**, Nguyen H, Njuguna B, Nyirenda M, Ogedegbe G, van Oosterhout J, Onakomaiya D, Patel S, Paniagua-Ávila A, Ramirez-Zea M, Plange-Rhule J, Roche D, Shrestha A, Sharma H, Tandon N, Thu-Cuc N, Vaidya A, Vedanthan R, Weber MB. The Kathmandu Declaration on Global CVD/Hypertension Research and Implementation Science: A Framework to Advance Implementation Research for Cardiovascular and Other Noncommunicable Diseases in Low- and Middle-Income Countries. *Glob Heart*. 2019 Jun;14(2):103-107.
476. Naser AM, Clasen TF, Luby SP, Rahman M, Unicomb L, Ahmed KM, Doza S, Ourshalimian S, Chang HH, Stowell JD, **Narayan KMV**, Shamsudduha M, Patel SA, O'Shea B, Gribble MO. Groundwater Chemistry and Blood Pressure: A Cross-Sectional Study in Bangladesh. *Int J Environ Res Public Health*. 2019 Jun 28;16(13).
477. **Narayan KMV**. Elizabeth Barrett-Connor: 1935-2019. *Epidemiology*. 2019 Jun 27.
478. Jagannathan R, Patel SA, Ali MK, **Narayan KMV**. Global Updates on Cardiovascular Disease Mortality Trends and Attribution of Traditional Risk Factors. *Curr Diab Rep*.

- 2019 Jun 20;19(7):44. doi: 10.1007/s11892-019-1161-2. Review.
479. Naser AM, Shamsudduha M, Clasen TF, **Narayan KMV**. Letter to the Editor Regarding, "The Unintended Consequences of the Reverse Osmosis Revolution". *Environ Sci Technol*. 2019 Jul 2;53(13):7173-7174.
480. Gribble MO, Head JR, Prabhakaran D, Kapoor D, Garg V, Mohan D, Anjana RM, Mohan V, Vasudevan S, Kadir MM, Tandon N, **Narayan KMV**, Patel SA, Jaacks LM. Potentially Heterogeneous Cross-Sectional Associations of Seafood Consumption with Diabetes and Glycemia in Urban South Asia. *Int J Environ Res Public Health*. 2020 Jan 10;17(2).
481. Gujral UP, **Narayan KMV**. Diabetes in Normal-Weight Individuals: High Susceptibility in Nonwhite Populations. *Diabetes Care*. 2019 Dec;42(12):2164-2166.
482. Pasquel FJ, Tsegka K, Wang H, Cardona S, Galindo RJ, Fayfman M, Davis G, Vellanki P, Migdal A, Gujral U, **Narayan KMV**, Umpierrez GE. Clinical Outcomes in Patients With Isolated or Combined Diabetic Ketoacidosis and Hyperosmolar Hyperglycemic State: A Retrospective, Hospital-Based Cohort Study. *Diabetes Care*. 2020 Feb;43(2):349-357
483. Jaacks LM, Yadav S, Panuwet P, Kumar S, Rajacharya GH, Johnson C, Rawal I, Mohan D, Mohan V, Tandon N, Barr DB, **Narayan KMV**, Prabhakaran D. Metabolite of the pesticide DDT and incident type 2 diabetes in urban India. *Environ Int*. 2019 Dec;133(Pt A):105089
484. Shah MK, Moore MA, **Narayan KMV**, Ali MK. Trends in Lifestyle Counseling for Adults With and Without Diabetes in the U.S., 2005-2015. *Am J Prev Med*. 2019 Nov;57(5):e153-e161.
485. Naser AM, Rahman M, Unicomb L, Doza S, Anand S, Chang HH, Luby SP, Clasen TF, **Narayan KMV** Comparison of Urinary Sodium and Blood Pressure Relationship From the Spot Versus 24-Hour Urine Samples. *J Am Heart Assoc*. 2019 Nov 5;8(21):e013287
486. Weber MB, **Narayan KMV**. Health Insurance for Diabetes Prevention Confers Health Benefits and Breaks Even on Cost Within 2 Years. *Diabetes Care*. 2019 Sep;42(9):1612-1614
487. Rawal I, Ghosh S, Hameed SS, Shivashankar R, Ajay VS, Patel SA, Goodman M, Ali MK, **Narayan KMV**, Tandon N, Prabhakaran D. Association between poor oral health and diabetes among Indian adult population: potential for integration with NCDs. *BMC Oral Health*. 2019 Aug 20;19(1):191
488. Aifah A, Iwelunmor J, Akwanalo C, Allison J, Amberbir A, Asante KP, Baumann A, Brown A, Butler M, Dalton M, Davila-Roman V, Fitzpatrick AL, Fort M, Goldberg R, Gondwe A, Ha D, He J, Hosseinipour M, Irazola V, Kamano J, Karengera S, Karmacharya BM, Koju R, Maharjan R, Mohan S, Mutabazi V, Mutimura E, Muula A, **Narayan KMV**, Nguyen H, Njuguna B, Nyirenda M, Ogedegbe G, van Oosterhout J, Onakomaiya D, Patel S, Paniagua-Ávila A, Ramirez-Zea M, Plange-Rhule J, Roche D, Shrestha A, Sharma H, Tandon N, Thu-Cuc N, Vaidya A, Vedanthan R, Weber MB. The Kathmandu Declaration on Global CVD/Hypertension Research and Implementation Science: A Framework to Advance Implementation Research for Cardiovascular and Other Noncommunicable Diseases in Low- and Middle-Income Countries. *Glob Heart*. 2019 Jun;14(2):103-107
489. Naser AM, Clasen TF, Luby SP, Rahman M, Unicomb L, Ahmed KM, Doza S, Ourshalimian S, Chang HH, Stowell JD, **Narayan KMV**, Shamsudduha M, Patel SA, O'Shea B, Gribble MO. Groundwater Chemistry and Blood Pressure: A Cross-Sectional Study in Bangladesh. *Int J Environ Res Public Health*. 2019 Jun 28;16(13).
490. **Narayan KMV**. Elizabeth Barrett-Connor, 1935-2019. *Epidemiology*. 2019 Nov;30(6):781-782
491. Bradshaw C, Kondal D, Montez-Rath ME, Han J, Zheng Y, Shivashankar R, Gupta R, Srinivasapura Venkateshmurthy N, Jarhyan P, Mohan S, Mohan V, Ali MK, Patel S, t

- Narayan KM**, Tandon N, Prabhakaran D, Anand S. Early detection of chronic kidney disease in low-income and middle-income countries: development and validation of a point-of-care screening strategy for India. *BMJ Glob Health*. 2019 Sep 3;4(5):e001644
492. **LBD Double Burden of Malnutrition Collaborators**. Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nat Med*. 2020 Apr 20.
493. Rhodes EC, Suchdev PS, **Narayan K MV**, Cunningham S, Weber MB, Tripp K, Mapango C, Ramakrishnan U, Hennink M, Williams AM. The Co-Occurrence of Overweight and Micronutrient Deficiencies or Anemia among Women of Reproductive Age in Malawi. *J Nutr*. 2020 Apr 9.
494. **Narayan K MV**, Kanaya AM. Why are South Asians prone to type 2 diabetes? A hypothesis based on underexplored pathways. *Diabetologia*. 2020 Mar 31.
495. Cioffi CE, Welsh JA, Alvarez JA, Hartman TJ, **Narayan K MV**, Vos MB. Associations of Added Sugar from All Sources and Sugar-Sweetened Beverages with Regional Fat Deposition in US Adolescents: NHANES 1999-2006. *Curr Dev Nutr*. 2019 Nov 13;3(12)
496. Wei J, Galaviz KI, Kowalski AJ, Magee MJ, Haw JS, **Narayan K MV**, Ali MK. Comparison of Cardiovascular Events Among Users of Different Classes of Antihypertension Medications: A Systematic Review and Network Meta-analysis. *JAMA Netw Open*. 2020 Feb 5;3(2)
497. He S, Le NA, Ramirez-Zea M, Martorell R, **Narayan K MV**, Stein AD. Leptin partially mediates the association between early-life nutritional supplementation and long-term glycemic status among women in a Guatemalan longitudinal cohort. *Am J Clin Nutr*. 2020 Apr 1;111(4):804-813.
498. Jagannathan R, Weber MB, Anjana RM, Ranjani H, Staimez LR, Ali MK, Mohan V, **Narayan K MV**. Clinical utility of 30-min plasma glucose for prediction of type 2 diabetes among people with prediabetes: Ancillary analysis of the diabetes community lifestyle improvement program. *Diabetes Res Clin Pract*. 2020 Mar;161:108075.
499. Gujral UP, **Narayan K MV**. Diabetes in Normal-Weight Individuals: High Susceptibility in Nonwhite Populations. *Diabetes Care*. 2019 Dec;42(12):2164-2166.

## PUBLISHED CONFERENCE ABSTRACTS

Over 600 abstracts published.

## PUBLISHED REPORTS/THESIS

1. **Narayan KM**. Grampian Register of Young Disabled - An Appraisal. *M.Sc. thesis*, University of Edinburgh, September 1987.
2. **Narayan KM**. Women's Knowledge of and Attitude towards Cervical Cancer Screening. *M.F.C.M thesis*, Faculty of Community Medicine, Royal College of Physicians, U.K., July 1988.
3. **Narayan KM**. Cardiovascular Risk Factors in Western Isles -Implications for Prevention. *M.F.C.M. thesis*, Faculty of Community Medicine, Royal College of Physicians, U.K., July 1988.
4. Dev VJ, Black NMI, **Narayan K M V**. *A Self-Assessment Guide to Immunization against Infectious Disease*. Department of Community Medicine, Grampian Health Board, Aberdeen (1989). 54 pages, Price 2.00.
5. **Narayan KM**, Nicoll PM, Berkeley M. *Grampian Health Profile (1)*. Grampian Health

- Board, Aberdeen, Scotland. June 1990.
6. **Narayan KM**, Cresswell JC, Murchison M. ***Chief Medical Officer's Report 1989***. Grampian Health Board, Aberdeen, Scotland. May 1990.
  7. **Narayan KM**. ***Needs Assessment for Coronary Heart Disease in Grampian***. Grampian Health Board, Aberdeen, Scotland. September 1991.
  8. Breslin M, Mitchell M, **Narayan KM**, Watson J. ***Towards a Healthier Grampian Lifestyle***. Grampian Health Board, Aberdeen, Scotland. ISBN 0 9517536 0 6, 1991.
  9. **Narayan KM**, Cresswell JC, Murchison M. ***Chief Medical Officer's Report 1990***. Grampian Health Board, Aberdeen, Scotland. ISBN 0 9517536 1 4, May 1991.
  10. **Narayan KM**. ***Report of an Investigation into the Health and Lifestyles of People Aged 60 to 74***. Business School, Faculty of management, The Robert Gordon University, Aberdeen, Scotland. September 1992.
  11. **Narayan KM**, Urquhart K, Innes G. ***Cancer Needs Assessment***. Grampian Health Board. September 1992.
  12. **Narayan KM**, Cresswell JC, Murchison M. ***Director of Public Health Report 1991***. Grampian Health Board, Aberdeen, Scotland. ISBN 0 9517536 3 0, May 1992.
  13. Cadzow A, **Narayan KM**. ***Needs Assessment for Thrombolytic Treatment***. Grampian Health Board. March 1992.
  14. Mitchell M, McPhee S, **Narayan KM**. ***Lifestyle Survey of Young People in Grampian***. Grampian Health Board, Aberdeen, Scotland. ISBN 0 9517536 5 7, June 1993.
  15. **Centers for Disease Control and Prevention**. ***The Economics of Diabetes Mellitus: An Annotated Bibliography***. Atlanta, Georgia: U.S. Department of Health and Human Services, CDC, 1999.
  16. **Narayan KM, Snider D, Fleming D**. Applied Public Health Research. (Report to Director, CDC)
  17. **Narayan. KM, Briss P, Bartenfeld T, Berry A**. Large scale collaborative science (big science) at CDC. (Report to Director, CDC)