

7–8 September 2016



Safari Park Hotel
Nairobi, Kenya

2016 Symposium on Non-Communicable Diseases

Research for Actionable Policies:
Implementation Science Priorities to
Scale Up Non-Communicable Disease
Interventions in Kenya

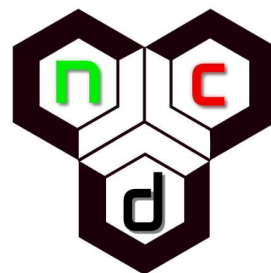
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University of Nairobi



Research for Actionable Policies: Implementation Science Priorities to Scale Up Non-Communicable Disease Interventions in Kenya

There is an urgent need to implement interventions to reduce the growing burden from non-communicable diseases (NCDs) in Kenya. Although there are many ongoing research studies and demonstration programs, it is not clear whether these activities are addressing the evidence needs and priorities to support Kenya's NCD strategy. Understanding the current research landscape and identifying gaps will allow for the creation of a roadmap for implementation research that will provide a common framework to develop the evidence base for actionable policies. Implementation science is the study of methods to promote the integration of research findings and evidence into healthcare policy and practice. We are convening this symposium to share ongoing research, identify research needs and formulate a coordinated road-map to guide future implementation research in Kenya.

The goals of the symposium are to

- Catalog promising and innovative strategies applicable to the Kenyan setting;
- Identify gaps in research for implementing cost-effective interventions to reduce the burden from NCDs;
- Assess areas that require research capacity building; and
- Create a road map for implementation science research to advance NCD prevention and control (published in a peer-reviewed journal).

Thank you for participating and contributing to the development of the implementation science research agenda for Kenya.

Sincerely,

Symposium Organizing Committee

Dr. Sujha Subramanian, RTI (Co-Chair)

Dr. Joseph Kibachio, Kenya Ministry of Health (Co-Chair)

Professor Gerald Yonga, NCD Alliance Kenya (Co-Chair)

Ms. Anne Korir, Kenya Medical Research Institute

Professor Walter Mwanda, University of Nairobi

Dr. Rose Rao, Independent Advisor



Agenda

DAY 1 | WEDNESDAY, 7 SEPTEMBER 2016

9:00 – 9:25	Welcome: Day 1 of Symposium Importance of developing the implementation science research agenda and shared framework for Kenya <i>J. Kibachio, Kenya MOH</i> Role of civil society in formulating the implementation science research agenda <i>G. Yonga, NCDAC</i>
9:25 – 10:20	Session 1: The Burden of NCDs Chairperson: <i>M. Gebremedhin, RTI</i> Summary of findings from the Kenya STEPwise survey <i>G. Gathecha, Kenya MOH</i> Tobacco related NCD burden and overview of policy initiatives <i>D. Kiptui, Kenya MOH</i> Diabetes burden and prevention activities in Kenya <i>Z. Muriuki, Kenya MOH</i> Hypertension prevalence and risk factors in Sub-Saharan Africa <i>J. Kayima, Uganda Heart Institute</i>
10:20 – 10:50	Coffee/Tea Break
10:50 – 11:20	Session 2: Keynote Address <i>Dr. Cleopa Mailu, Cabinet Secretary of Health, Kenya MOH</i>
11:20 – 12:15	Session 3: MOH-RTI Kenya NCD Strategic Planning Study Chairperson: <i>S. Subramanian, RTI</i> The RTI-PAR model: Findings on risk factor exposures and NCD mortality <i>B. Munoz, RTI</i> The RTI-CVD-RISK model: Benefits of risk based treatment for hypertension <i>R. Hilscher, RTI</i> Cost of NCD screening, diagnosis and treatment <i>R. Gakunga, RTI Consultant</i> Prioritization of NCD interventions <i>S. Subramanian, RTI</i>
12:15 – 13:15	Lunch
13:15 – 13:45	Session 4: Role of Research and NCDs – Kenya Medical Research Institute Perspective <i>Dr. Evans Amukoye, The Deputy Director for Research, Planning and Development, KEMRI</i>
13:45 – 14:40	Session 5: Strategic Planning, Policies and Prioritization for NCDs Chairperson: <i>G. Yonga, NCDAC</i> What has worked in the U.S. setting? <i>J. Husain, CDC</i> The Kenyan perspective on NCDs <i>J. Kibachio, Kenya MOH</i> The Tanzanian perspective on NCDs <i>A. Magimba, Tanzania MOH</i> The Ugandan perspective on NCDs <i>G. Mutungi, Uganda MOH</i>

DAY 1 | WEDNESDAY, 7 SEPTEMBER 2016

14:40 – 15:35	Session 6: Integrated Healthcare Delivery and Financing of NCD Services Chairperson: <i>W. Mwanda, UoN</i> Integrating breast cancer and NCD screening at Moi Teaching and Referral Hospital <i>N. Busakhala, AMPATH</i> Integrated healthcare models and their implications on NCDs screening, diagnosis, and treatment <i>D. von Rège, MSF</i> Community and primary care based approach: Findings from the Healthy Heart Africa <i>E. Ogola, UoN</i> Kenya National Health Insurance Fund benefits and coverage package <i>J. Njoroge, NHIF</i>
15:35 – 16:05	Coffee/Tea Break
16:05 – 17:00	Session 7: Data Needs for Planning and Evaluating NCD Interventions Chairperson: <i>G. Gathecha, Kenya MOH</i> Cancer registration in Kenya: Plans for expanding coverage <i>A. Korir, KEMRI</i> Lessons learned from the stroke pilot study <i>L. Kaduka, KEMRI</i> Implementing a cloud-based point-of-care EMR: successes and challenges <i>J. Dick, AMPATH</i> The informatics system and databases at Kenyatta National Hospital <i>J. Mwangi, KNH</i>
17:00 – 18:20	Session 8: Group Discussion on Key Themes of the Symposium Chairperson: <i>R. Nugent, RTI</i>
17:00 – 17:10	Overview of Group Exercise and Assignment Chairpersons: <i>R. Nugent, G. Yonga, A. Korir</i>
17:10 – 17:40	Group Breakout Discussion Group 1: Planning (<i>Practice guidelines development, national estimates of disease burden, data collection at the population level, economic burden for resource allocation, knowledge dissemination and policy advocacy</i>) Group 2: Implementation (<i>Service delivery model in health facilities and communities, training of providers, patient education and communication</i>) Group 3: Monitoring and Evaluating (<i>Data collection systems at the community and facility levels, epidemiology studies, economic analyses including cost-effectiveness and cost-benefit analysis of programs</i>)
17:40 – 18:20	Group Reports (<i>Spokesperson to be determined for each group</i>) Discussion
18:20 – 18:30	Day 1 Symposium Wrap Up
18:30 – 20:00	Reception and Networking

Agenda

DAY 2 | THURSDAY, 8 SEPTEMBER 2016

9:00 – 9:20	Welcome: Day 2 of Symposium RTI's role in international health and NCDs <i>P. Weisenfeld, RTI</i> Introducing RTI's new Global NCD Initiative: Research priorities <i>R. Nugent, RTI</i>
9:20 – 9:50	Session 9: Role of Research and NCDs – University of Nairobi Perspective <i>Prof. Lucy Irungu, Deputy Vice Chancellor of Research, Production and Extension (RPE), UoN</i>
9:50 – 10:45	Session 10: Cancer – Need for Implementation Research and Infrastructure Strengthening Chairperson: A Korir, KEMRI The National Cancer Institute: Strategic initiatives for cancer prevention and control <i>A. Karagu, MOH</i> Exploring integration of Education and screening for cancer and other NCDs into HTC counselling services in Nairobi, Kenya <i>D. Olwal, KENCASA</i> Comprehensive oncology diagnosis and treatment: Essential component of a screening program <i>W. Mwanda, UoN</i> Strengthening cancer diagnosis at the grassroots: World Bank's East Africa Public Health Lab Networking pilot project <i>R. Njoroge, MOH</i>
10:45 – 11:15	Coffee/Tea Break
11:15 – 11:45	Session 11: Panel Discussion with Ministers of Health on County Perspective Chairperson: R. Rao, Independent Advisor <i>B. Muia, Nairobi County</i> <i>E. Ogaja, Kisumu County</i> <i>J. Mwangi, Kiambu County</i>
11:45 – 12:50	Session 12: The Patient Perspective – Increasing Awareness of NCD Risk Factors and Reducing the Burden Chairperson: E. Ogola, UoN Health communication and patient behavior change for NCD prevention and control <i>P. Williams, RTI</i> Delivering palliative care to cancer patients in Kenya <i>E. Munyoro, KNH</i> Chemotherapy treatments: challenges and opportunities for improving patient outcomes <i>D. Wata, KNH</i> Economic Effects of Non-Communicable Diseases on household income in Kenya <i>D. Mwai, UoN</i> Afya credit incentives for improved maternal and child health <i>O. Sangoro, SEI Africa Centre</i>



DAY 2 | THURSDAY, 8 SEPTEMBER 2016

12:50 – 13:50 **Lunch**

13:50 – 14:55 **Session 13: Public-Private Partnerships on Access to NCD Treatments**

Chairperson: *H. Meme, KEMRI*

GE Healthcare's sustainable healthcare initiatives

G. Abbam, GE Healthcare/DITTA

Healthy Heart Africa initiative

S. Rosin, AstraZeneca

Overview of Roche's initiatives in Kenya

C. Ngoh, Roche

Novartis Access Program in Kenya

A. Gitau, Novartis

Investing in Africa to close the gap in access to diabetes care: Focus on Kenya

C. Olale, Danish Embassy, and A Chakava, NovoNordisk

14:55 – 15:40 **Session 14: Panel Discussion – Lessons Learned from the Symposium and Recommendations**

Chairperson: *S. Subramanian and R. Nugent, RTI*

H. Meme, KEMRI

J. Nato, WHO Kenya

G. Abbam, GE Healthcare/DITTA

G. Yonga, NCDAC

M. Amuyunzu-Nyamongo, AIHD

W. Mwanda, UoN

15:40 – 16:00 **Closing Remarks**

J. Kibachio, Kenya MOH

Chairpersons, Speakers, and Panel Members

Ms. Gisela Abbam, Global Executive Director, GE Healthcare, UK

Dr. Mary Amuyunzu-Nyamongo, Executive Director, African Institute for Health and Development, Kenya

Dr. Naftali Busakhala, Director of Oncology, Moi University/AMPATH, Kenya

Ms. Abigail Chakava, Market Access and Public Affairs Manager, NovoNordisk, Kenya

Dr. Jonathan Dick, Chief Medical Information Officer, AMPATH, Kenya

Dr. Robai Gakunga, Independent Consultant, Kenya

Dr. Gladwell Gathecha, NCD Division, Ministry of Health, Kenya

Mr. Moges Gebremedhin, Director of Business Development, RTI International, Kenya

Mr. Anthony Gitau, Country Head Novartis Access, Novartis, Kenya

Dr. Rainer Hilscher, Research Data Scientist, RTI International, USA

Dr. Muhammad Jami Husain, Economist, Centers for Disease Control and Prevention, USA

Dr. Lydia Kaduka, Senior Research Officer, KEMRI, Kenya

Dr. Alfred Karagu, Head of Cancer Unit, Ministry of Health, Kenya

Dr. James Kayima, Senior Lecturer/Consultant Cardiologist, MakCHS/Uganda Heart Institute, Uganda

Ms. Dorcas Kiptui, Head of Tobacco Control Unit, Ministry of Health, Kenya

Ms. Anne Korir, Head of National Cancer Registry Programme, KEMRI, Kenya

Prof. Ayoub Magimba, Assistant Director for NCDs, Ministry of Health, Tanzania

Dr. Helen Meme, Head of NCD Research Programme, KEMRI, Kenya

Dr. Bernard Muia, Minister of Health, Nairobi County, Kenya

Dr. Breda Munoz, Research Statistician, RTI International, USA

Dr. Esther Munyoro, Head of Palliative Care Unit, Kenyatta National Hospital, Kenya

Mr. Zachary Muriuki, Program Officer of Diabetes, Ministry of Health, Kenya

Dr. Gerald Mutungi, Program Manager for NCDs, Ministry of Health, Uganda

Dr. Daniel Mwai, Tutorial Fellow, University of Nairobi, Kenya

Prof. Walter Mwanda, Director of the Institute of Tropical and Infectious Diseases, University of Nairobi, Kenya

Dr. Jonah Mwangi, Minister of Health, Kiambu County, Kenya

Dr. Julius Mwangi, Health Information Systems Unit, KNH, Kenya

Dr. Joyce Nato, National Professional Officer, World Health Organization, Kenya

Mr. Charles Ngoh, Head of Market Access East Africa Region, Roche Kenya Ltd, Kenya

Dr. James Njoroge, Benefits and Products Development Manager, NHIF, Kenya

Dr. Richard Njoroge, Consultant Pathologist, Ministry of Health, Kenya

Dr. Rachel Nugent, Vice President of Global NCDs, RTI International, USA

Dr. Elizabeth Ogaja, Minister of Health, Kisumu County, Kenya

Prof. Elijah Ogola, Chairman of the Department of Clinical Medicine, University of Nairobi, Kenya

Ms. Carol Olale, Senior Commercial Advisor, Danish Embassy, Nairobi

Ms. Deborah Olwal, Executive Director, Kenya Cancer Association, Kenya

Dr. Rose Rao, Emergency Medicine Specialist, Independent Advisor, Kenya

Mr. Daniel von Rège, Country Director, MSF Belgium, Kenya

Ms. Saras Rosin, HHA's Implementation Director, AstraZeneca, Kenya

Dr. Onyango Sangoro, Research Fellow, SEI, Kenya

Dr. Sujha Subramanian, Fellow, Health Economics and Policy Research, RTI International, USA

Dr. David Wata, Head of Oncology Pharmacy, Kenyatta National Hospital, Kenya

Mr. Paul Weisenfeld, Executive Vice President of International Development, RTI International, USA

Dr. Pam Williams, Senior Research Scientist, RTI International, USA

Prof. Gerald Yonga, Head of NCD Research, Aga Khan University/ NCDAK, Kenya