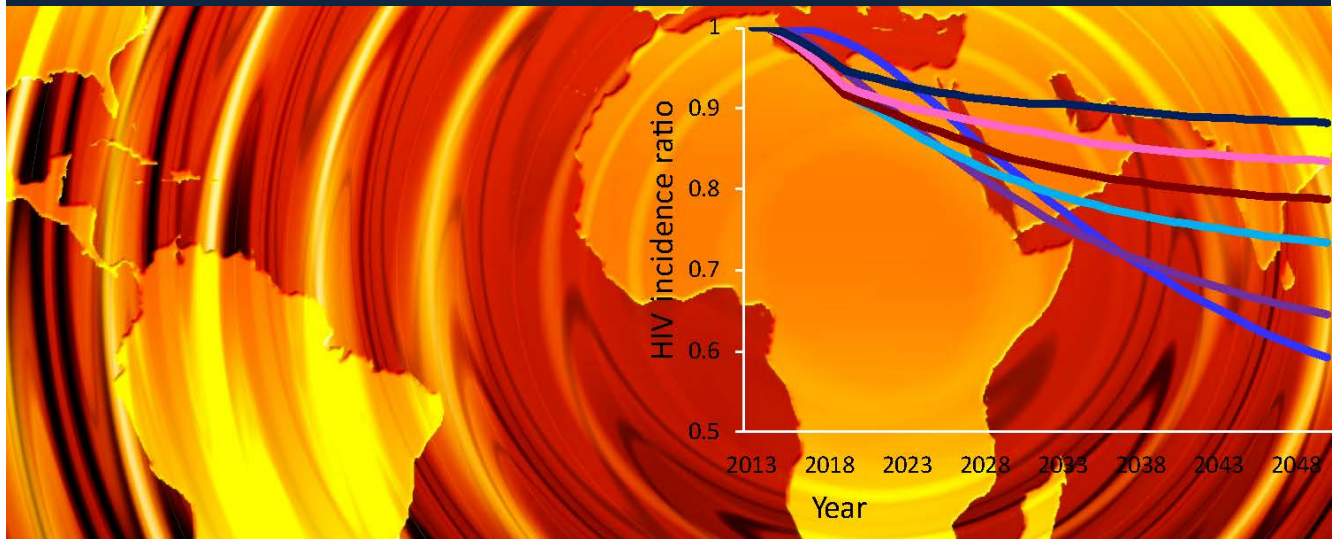


VMMC: New Mathematical Models for Strategic Planning



Please join us on 27 October 2016 for a webinar to officially launch the newly released *PLOS One Collection*, “Voluntary Medical Male Circumcision (VMMC) for HIV Prevention: New Mathematical Models for Prioritizing Sub-Populations by Age & Geography.”

In the first half of the webinar, presenters will discuss new findings from mathematical models featured in the collection that relate to the potential effects of targeting sub-populations for voluntary medical male circumcision services. The second half of the webinar will feature panelists who will discuss how the models have been used to inform their choices about where best to invest their resources to prevent HIV.

The collection was produced in collaboration with USAID, PEPFAR, the World Bank, and the Bill & Melinda Gates Foundation.

DATE:

Thursday, 27 October 2016

TIME:

8:00 AM to 10:00 AM (EST)

WHERE:

WebEx (Web Platform)

REGISTER

Register at:

<http://bit.ly/2cNrSCO>

Moderator: Catherine Hankins

Catherine Hankins, MD, PhD is Deputy Director, Science at the Amsterdam Institute for Global Health and Development, Department of Global Health, University of Amsterdam and Honorary Professor, Faculty of Epidemiology and Population Health, London School of Hygiene and Tropical Medicine. As Chief Scientific Adviser to UNAIDS in Geneva for almost a decade, she led work on knowledge translation of the evidence on VMMC, including the use of mathematical modelling to inform HIV policy and programme planning. A community medicine specialist, she is Chair of the Scientific Advisory Board of CAPRISA in Durban, KwaZulu-Natal, a trustee of the UK HIV Research Trust, Chair of the Scientific Advisory Group of the USA National Institutes of Health HIV Prevention Trials Network, a member of the International AIDS Society Industry Liaison Forum, and Scientific Chair of the annual INTEREST Workshop on HIV Treatment, Pathogenesis, and Prevention in Resource-Limited Settings. In 2013 she was named to the Order of Canada.



Presentations

Using Mathematical Modeling for Policy and Strategic Planning: VMMC case example

Dr. Emmanuel Njeuhmeli is the Senior Biomedical Prevention Advisor at the Office of HIV/AIDS at USAID Washington. He is the VMMC technical lead for USAID and provides high-level technical support to PEPFAR programs in Eastern and Southern Africa for the acceleration of the scale up of VMMC programs. Dr. Njeuhmeli is a public health physician holding a Medical Degree from the Faculty of Medicine and Biomedical Sciences of University of Yaounde I in Cameroon; a Master's of Public Health and Masters of Business Administration both from John Hopkins University Bloomberg School of Public Health and Carey Business School in Baltimore, MD USA. He has more than 17 years progressive and intensive expertise in translating evidence to policy, strategic planning, piloting new initiatives and program implementation for scaling up HIV prevention, care and treatment interventions including behavioral change intervention HIV prevention, biomedical HIV prevention, structural HIV intervention, HTC, PMTCT, care and treatment. He has been involved in HIV programs design and implementation in 16 countries in Central, West, Southern and Eastern Africa.



Making Efficient Use of Resources via VMMC Age and Geographical Prioritization

Dr. Katharine Kripke joined Avenir Health in early 2012, following over 20 years of experience working on HIV/AIDS and tuberculosis. After earning a PhD from Stanford in Immunology and completing a 3-year postdoctoral fellowship, Dr. Kripke worked as an AAAS Science and Technology Policy Fellow in the Office of HIV/AIDS at USAID. At USAID, she served as Senior Technical Advisor for HIV Vaccines and Microbicides and also served on the PEPFAR core teams for Kenya and Tanzania. In 2006, she joined the Vaccine Research Program in the Division of AIDS at NIAID, NIH as Assistant Director, focusing on partnerships, communication, and community engagement. At Avenir Health, Dr. Kripke works on several projects, mostly focused on impact and cost-effectiveness modeling of HIV prevention technologies such as VMMC, pre-exposure prophylaxis, and vaginal microbicides. She is the Technical Lead for modeling on the Health Policy Plus Project, leads modeling activities for the OPTIONS Project, and conducts VMMC modeling under Project SOAR.



Sustaining the Gains of VMMC Scale-Up to Date

Chewe Luo is a pediatrician and tropical child health specialist from Zambia, with a PhD from University of Liverpool and currently is the Associate Director of Programme, and Chief of HIV Section at UNICEF Headquarters in New York. Chewe has over 15 years of experience in HIV/AIDS and child health. Before moving to New York, she worked as a PMTCT regional adviser with the UNICEF Regional Office for Eastern and Southern Africa in Nairobi, Kenya, as well as the HIV/AIDS Country Advisor for UNICEF Botswana. She has worked as pediatrician and researcher in Zambia and the UK. Her main areas of research include HIV, diarrheal disease, tuberculosis and nutrition.



Provider and Client Costs of VMMC in South Africa

Dr. Michel Tchuente was an Associate Professor of Mathematics at the University of Dar es Salaam with a short stint at the University of Texas at Arlington and Lappeenranta University of Technology, Finland. He joined Avenir Health in 2014 and is the Principal Investigator of the South Africa VMMC costing study. He is currently coordinating the development of Project SOAR VMMC DMPPT online tool. Prior to joining Avenir Health, Michel was a Health Economist at CDC, Atlanta where he worked on a variety of global health projects. He has extensive work experience in sub-Saharan Africa and the Caribbean.



Panel

Panel moderated by Catherine Hankins, featuring representatives from:

Office of the U.S. Global AIDS Coordinator

Dr. Lisa Nelson serves as chief medical officer at the U.S. Department of State's Office of the U.S. Global AIDS Coordinator and Health Diplomacy, which leads and coordinates the U.S. President's Emergency Plan for AIDS Relief (PEPFAR). Dr. Nelson has focused her career on global HIV/AIDS, public health and epidemiology, infectious diseases, and maternal and child health. She developed a passion for public health as a volunteer in Latin America in high school and college in Paraguay and the Dominican Republic. After clinical and public health training, she joined the U.S. Centers for Disease Control and Prevention (CDC) in 2001 as an epidemic intelligence service officer in the International Branch of the Division of Tuberculosis Elimination, where she worked on tuberculosis (TB) in children and TB/HIV globally. From 2003-2006, she was the team lead for TB/HIV activities and began working closely on PEPFAR's global HIV/AIDS efforts. Dr. Nelson spent the next six years serving as the CDC country director in Mozambique. During her tenure there, she oversaw an ambitious scale-up of HIV prevention, care, and treatment programs. She worked in close partnership with the host government, local partners, and stakeholders—including civil society and other donors—to build local capacity and sustainable systems and achieve impact. In 2012, Dr. Nelson relocated to Geneva where she was a senior technical advisor in the HIV Department at the World Health Organization (WHO). She worked on HIV/TB, pediatric HIV, elimination of mother-to-child HIV transmission, and dissemination of the 2013 WHO consolidated guidelines. Dr. Nelson then went on to serve as senior HIV disease advisor on loan to the Global Fund to Fight AIDS, Tuberculosis and Malaria. At the Global Fund, she supported achievement of greater impact through promoting high-quality programs and closer collaboration between the Global Fund and PEPFAR. Dr. Nelson received her medical degree from the University of California, San Francisco. She completed a residency in pediatrics at the Boston Combined Program in Pediatrics and a fellowship in pediatric infectious diseases at Children's Hospital in Boston. She earned master's degrees in epidemiology (MPH) and health sciences (MSc) at the University of California, Berkeley, and a bachelor's degree in political science from Yale University with a focus on international development and Latin American studies. Dr. Nelson is fluent in French, Portuguese, and Spanish.



Centers for Disease Control and Prevention

Naomi Bock is the Science Deputy and VMMC Team Lead for the HIV Prevention Branch in the Division of Global HIV/AIDS at the Centers for Disease Control and Prevention in Atlanta, and Co-Chair of the PEPFAR VMMC Technical Working Group. She is also a member of the PEPFAR HIV Prevention Steering Committee. Dr. Bock holds a Medical Degree from the University of Washington School of Medicine and a Master of Science in Epidemiology from the Harvard School of Public Health. She has worked on TB control and HIV prevention at the local, state, national, and international levels for 20 years. She is the author or co-author of more than 30 articles published in peer-reviewed journals on HIV, TB, and STIs. Dr. Bock provides technical support for VMMC, HIV testing and counseling, STI surveys, HIV prevention for key populations, and operations research in PEPFAR countries.



UNICEF

Chewe Luo (Bio previously provided in presenters section)

Bill & Melinda Gates Foundation

Maaya Sundaram joined the Bill & Melinda Gates Foundation 2 years ago with over 15 years of public and private sector experience in healthcare delivery. Prior to joining the Foundation, Maaya worked for Eli Lilly and Company supporting global supply chain and manufacturing and the Clinton Health Access Initiative (CHAI) where she lived and worked in Southern Africa. Through her work at CHAI, Maaya worked in several countries on pediatric and adult HIV testing and treatment, drug forecasting and procurement, operations research, and was the technical lead on a large multi-country ART costing study (MATCH). In her current role, she leads the VMMC initiative for the Gates Foundation focused primarily on innovations in demand generation, efficiency in cost and delivery, and improvements in program management and coordination.



Swaziland Ministry of Health

Vusi Maziya is a Public Health Specialist with a Masters in International Public Health (MPH) from the University of Leeds in the United Kingdom (majors in Health Promotion, Quality Improvement, Health Management Information Systems, and Human Resource Training and Management for Health). Vusi currently leads the VMMC program in Swaziland as the MoH National Focal point, a program that is gradually regaining focus and growth and increasing government ownership and donor support with his insightful leadership. He is chairperson of the multi-stakeholder MC TWG in Swaziland and has been the leading figure in increasing the funding base of the VMMC program in Swaziland with The Global Fund and the Bill & Melinda Gates Foundation being the most notable additions to the historical PEPFAR country support in VMMC. Vusi has co-authored a number of publications in *PLOS* on best practices coming out of the Swaziland VMMC program and in his spare time enjoys writing insightful articles in one of the local newspapers which reflect his vast experience in the health delivery system which spans over 20 years in the clinical area (dentistry) before settling into his public health passion.



Tanzania National AIDS Control Program

Dr. Gissenje J.I. Lija, MD (LSMU-Ukraine, 1997), M.Med-, (TU-KCMCo, Tanzania, 2005)

Dr. Lija is the National Coordinator for Clinical STI (STIs/RTIs, VMMC & KP) Services within the National AIDS Control Program, Ministry of Health, Community Development, Gender, Elderly and Children, Tanzania. He is an experienced leader at the Ministry of Health national level, with over nine years working experience coordinating both local and international partners in area of quality improvement for HIV prevention, care, treatment and support services. Currently he is the team lead coordinating STI/RTI, VMMC and key population services within the Ministry of Health's programs. He is an expert in strategic development, health planning, budgeting and implementation in Tanzania and has excellent capacity with working within multi-cultural and multi-national atmospheres.



Please contact Sherry Hutchinson (shutchinson@popcouncil.org) if you have any questions.