

GLOBAL HEALTH WEBINAR SERIES

Professor Peter Nyasulu, Head of the Department of Global Health at Stellenbosch University, cordially invites you to a webinar on the

Implementation of the advanced HIV disease package of care using a public health approach: lessons from Senegal.



**Presented by
Dr Moussa Sarr**
Principal Investigator & Head of
the Cooperation Group at the Institute for
Health Research, Epidemiological Surveillance
and Training (IRESSEF) in Dakar, Senegal.

Facilitated by Professor Peter Nyasulu

Tuesday, 10 June 2025, 12:00 – 13:30 SAST
via MS Teams

All are welcome!

1 CPD
point in
Level 1

Join now

Implementation of the advanced HIV disease package of care using a public health approach: lessons from Senegal.

Over the past decade, HIV-related mortality in sub-Saharan Africa has declined due to improved access to antiretroviral therapy (ART). However, a significant proportion of people living with HIV (PLHIV) continue to present with advanced disease and remain at high risk of death from opportunistic infections such as tuberculosis and cryptococcal meningitis. In Senegal, despite notable progress, regional disparities persist, and many patients initiate ART with severely low CD4 counts—often without timely access to CD4 testing or advanced diagnostics. To address this challenge, a pilot study was conducted in Senegal to assess the feasibility and utility of the WHO comprehensive package of care for patients with advanced HIV disease. The package included several point-of-care (POC) tests, such as the VISITECT CD4 Advanced Disease test, TB LAM Ag (Abbott), and CrAg LFA (IMMY). Patients were followed for 12 months to monitor the incidence of opportunistic infections and mortality.



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About the Speaker

Dr. Moussa Sarr is a physician and epidemiologist with over 25 years of experience in public health research and program implementation. He has led and supported numerous projects across Africa, Asia, and North America, particularly in the areas of HIV/AIDS, tuberculosis, vaccines, and maternal and child health.

He currently serves as Head of the Cooperation Group at the Institute for Health Research, Epidemiological Surveillance and Training (IRESSEF) in Dakar, Senegal. He is the principal investigator of several initiatives, including the Pilot Implementation of the WHO Package of Care for Advanced HIV Disease in Senegal, funded by the CDC Foundation (USA).

Prior to IRESSEF, he has spent approximately 20 years working as a Senior Study Director and Principal Investigator for Westat in Maryland, USA and 3-years as a Postdoctoral Fellow at Washington University School of Medicine in St Louis, Missouri.

During this time, he served as principal investigator for several major projects, including the Clinical Research Operations and Monitoring Center, funded by the Division of AIDS at the U.S. National Institutes of Health (NIH), and Strengthening HIV Strategic Information Activities in the Republic of Senegal under the President's Emergency Plan for AIDS Relief (PEPFAR). In this role, he supported multiple NIH-sponsored studies conducted in countries such as Brazil, China, Senegal, and South Africa. Dr. Sarr works closely with major public health stakeholders, including Ministries of Health across Africa, the Bill & Melinda Gates Foundation, and the Africa Centers for Disease Control and Prevention (Africa CDC). He is currently a member of the African Union and Africa CDC expert committee responsible for developing the strategic framework for health research priorities in Africa.