

First WHO Global Meeting on Skin NTDs

27–31 March 2023

**WHO Headquarters
Geneva, Switzerland**

Auditorium

THEME:

“INTEGRATION FOR GREATER IMPACT”

AGENDA

Keynote presentations			
Date	Session	Topic	Keynote speakers
27 March	1	WHO Global NTD Programme	Ibrahima Socé Fall
		Skin NTDs and skin diseases – a global view	Roderick Hay
	2	Skin NTDs multi-country project in West Africa: lessons learnt and future plans	Iñigo Lasa
28 March	3	Capacity building and tools for district and community agents	Claire Fuller
	4	Importance of surveillance and mapping - current knowledge/experience and gaps	Michael Marks
29 March	5	The psychosocial and economic impact of skin NTD-related disability and stigma – how can rehabilitation help	Wim van Brakel
	6	Understanding transmission of Buruli ulcer in Australia: progress and challenges	Tim Stinear
30 March	7	Diagnostics – Review of current diagnostic tests for skin NTDs and laboratory capacity strengthening – opportunities, challenges, and priorities	Isra Cruz
	8	Drug treatment: Review of current drug treatments for skin NTDs – opportunities, challenges, and priorities	Richard Phillips
31 March	9	Operational research for skin NTDs – what are the critical needs?	Gail Davey

Chairpersons			
Date	Session	Topic	Name
27 March	1	Introductory presentations	Claire Fuller
	2	Integration at country level	Rie Yotsu
28 March	3	Training tools	Esther Freeman
	4	Integrated surveillance and mapping	Ghislain Sopoh
29 March	5	Disability, rehabilitation, stigma, mental health and inclusion	Christian Johnson
	6	Transmission	Lydia Mosi
30 March	7	Diagnostics and laboratory capacity strengthening	Tim Stinear
	8	Treatment	Michele Murdoch
31 March	9	Operational research	Ymkje Stienstra

Monday, 27 March 2023 Session 1 Introductory presentations Chair: Claire Fuller		
Time	Subject	Presenters
07:30 – 09:00	Registration, welcome coffee, and Zoom login by online participants	All participants
09:00 – 09:20	Welcome remarks	Daniel Argaw Dagne, Unit Head, PTC
	WHO Global NTD Programme	Ibrahima Socé Fall Director, NTD
09:20 – 09:35	Keynote presentation: Skin NTDs and skin diseases – a global view	Roderick Hay
09:35– 09:50	Skin NTD Framework – overview	Rie Yotsu
09:50 – 10:05	Global Leprosy Strategy 2021-2030 and its alignment with the Skin NTD Framework	Vivek Lal
10:05 – 10:20	Changing epidemiology of Buruli ulcer in Victoria, Australia 2019-2022	Deborah Friedman
10:20 – 10:40	Discussions	All
10:40 – 10:55	Very severe tungiasis in Amerindians is common and is due to the entanglement in a web of behavioral and environmental factors	Hermann Feldmeier
10:55 – 11:10	Monitoring of the NTD road map 2021–2030: Information system, surveillance and reporting	Pamela Mbabazi
11:10 – 11:25	Evaluation of integration of NTD activities - lessons learned from field observation	Xiao Xian Huang
11:25 – 11:40	International Alliance for Global Health Dermatology (GLODERM): a platform for international collaboration on skin NTDs	Esther Freeman
11:40 – 12:00	Discussions	All
12:00 – 12:15	Group photograph	All
12:15 – 14:00	Lunch	

Monday, 27 March 2023 Session 2 Integration at country level Chair: Rie Yotsu		
Time	Subject	Presenters
14:00 – 14:20	Keynote presentation: Skin NTDs integrated approach: practical experience, 2017–2022	Iñigo Lasa
14:20 – 14:35	Integration of lymphatic filariasis and scabies mass drug administration in Fiji	Sarah Andersson Andrew Steer
14:35 – 14:50	Yaws eradication in three countries of Congo Basin: Lessons learned from the first rounds of mass drug administration with azithromycin (MDA)	Alphonse Um Boock
14:50 – 15:05	Tropical/Infectious Dermatology in the state of Amazonas, Brazil	Silmara Pennini
15:05 – 15:20	Integrated transmission assessment survey for lymphatic filariasis, yaws and scabies in Timor-Leste, 2020–2021	Josefina João
15:20 – 15:40	Discussions	All
15:40 – 15:55	A multi-method evaluation of health services integration for NTDs requiring case management in Liberia	Karsor Kollie
15:55 – 16:10	Integrating a holistic care package for podoconiosis, lymphatic filariasis and leprosy into routine health services in Ethiopia: The EnDPoINT project	Oumer Ali Asrat Mengiste
16:10 – 16:25	Integrated NTD control in Vanuatu	Macklyne Katenga Fasihah Taleo
16:25 – 16:40	Integrated management and control of skin-related neglected tropical diseases in Ghana in 2022	Benedict Quao
16:40 – 17:00	Discussions	All
17:00 – 18:00	Side meeting: GlobalSkin’s vision, mission, programs, network of 200+ patient organizations. Discussion: How to connect to and collaborate with the global dermatology patient community	All

Tuesday, 28 March 2023 Session 3 Training tools Chair: Esther Freeman		
Time	Subject	Presenters
08:00 – 09:00	Welcome coffee and Zoom login by online participants	All participants
09:00 – 09:20	Keynote presentation: Capacity building and tools for district health workers and community agents	Claire Fuller
09:20 – 09:35	Learning “on-the-job” for integrated skin NTD screening and care in Ethiopia: Optimizing resources by crossing boundaries of formal and informal education – pre-liminary results	Kitesa Debelo Bizuyehu Belete
09:35 – 09:50	Assessing the quality of the WHO SkinNTDs App as a training tool in Ghana and Kenya – Results from a cross-sectional study	Mireia Cano
09:50 – 10:05	Use of an mHealth App (eSkinHealth) for early detection and case management of skin diseases: a mixed methods pilot study in Côte d’Ivoire	Rie Yotsu
10:05 – 10:20	WHO skin NTDs tools for capacity building on case management and surveillance: online courses, mobile app and DHIS2	José Postigo
10:20 – 10:40	Discussions	All
10:40 – 10:55	Training tools for integrated management of wounds and lymphoedema for skin NTDs	Michele Murdoch
10:55 – 11:10	A hybrid approach of machine learning and clinical decision support for improved diagnosis of neglected tropical diseases	Wendemagegn Yeshanh
11:10 – 11:25	InfoNTD.org: Capacity strengthening for researchers and other health professionals through an online portal	Roos Geutjes
11:25 – 11:40	Enhancing leprosy expertise: A new leprosy competencies framework	Bahadir Celiktemur
11:40 – 12:00	Discussions	All
12:00 – 14:00	Lunch	

<p style="text-align: center;">Tuesday, 28 March 2023</p> <p style="text-align: center;">Session 4</p> <p style="text-align: center;">Integrated surveillance and mapping</p> <p style="text-align: center;">Chair: Ghislain Sopoh</p>		
Time	Subject	Presenter
14:00 – 14:20	Keynote presentation: Importance of surveillance and mapping – current knowledge/experience and gaps	Michael Marks
14:20 – 14:35	A survey of yaws endemicity among the 47 countries in the WHO Africa Region in 2022 – Results	Yves Barogui
14:35 – 14:50	Prevalence of skin neglected tropical diseases and superficial fungal infections in two peri-urban schools and one rural community setting in Togo	Michael Head
14:50 – 15:05	National prevalence and risk factors for tungiasis among school-going children in Kenya: results from a multi-county cross-sectional survey	Lynne Elson
15:05 – 15:20	Surveillance and treatment of tungiasis, podoconiosis and scabies in Northeast Uganda	Marlene Thielecke
15:20 – 15:40	Discussions	All
15:40 – 15:55	Yaws evaluation in 24 health districts in Côte d’Ivoire	Aboa Paul Koffi
15:55 – 16:10	Integrated mapping methods for skin NTDs – Experience in Malawi	Cristina Galvan Casas
16:10 – 16:25	Mapping the burden of skin disease: scabies prevalence in a remote Aboriginal community in the Northern Territory in Australia conducted alongside a mass-drug administration treatment program	Victoria Cox
16:25 – 16:40	The development of an integrated community-based surveillance system for skin NTDs in Cameroon	Earnest Tabah
16:40 – 17:00	Discussions	All
17:00 – 18:00	Side meetings	

Wednesday, 29 March 2023 Session 5 Disability, rehabilitation, stigma, mental health and inclusion Chair: Christian Johnson		
Time	Subject	Presenters
08:00 – 09:00	Welcome coffee and Zoom login by online participants	
09:00 – 09:20	Keynote presentation: The psychosocial and economic impact of skin NTD-related disability and stigma – how can rehabilitation help	Wim van Brakel
09:20 – 09:35	Patient organizations as partners in optimal health care	Jennifer Austin
09:35 – 09:50	Depression and quality of life amongst persons affected by filarial lymphoedema: determining socio-demographic and clinical risk factors, and the impact of an enhanced self-care treatment.	Carrie Barrett
09:50 – 10:05	Informal health provider roles in addressing stigma and mental health needs among people affected by skin NTDs in Liberia	Hannah Berrian
10:05 – 10:20	Impact of a social intervention on podoconiosis-related stigma in Northwestern Ethiopia	Kibur Engdawork
10:20 – 10:40	Discussions	All
10:40 – 10:55	Impact of tungiasis on neurocognitive functioning, school attendance and achievement	Berrick Otieno
10:55 – 11:10	Stigma and mental wellbeing and social participation among men and women with disability due to leprosy and lymphatic filariasis in North India	Wim van Brakel
11:10 – 11:25	The role of a community conversation intervention in reducing stigma related to lower limb lymphoedema in Northern Ethiopia	Abebayehu Tora
11:25 – 11:40	Mycetoma disabilities and stigma: innovative thinking out of the box solutions	Ahmed Fahal
11:40 – 12:00	Discussions	All
12:00 – 14:00	Lunch	

Wednesday, 29 March 2023 Session 6 Transmission Chair: Lydia Mosi		
Time	Subject	Presenters
14:00 – 14:20	Keynote presentation: Understanding transmission of Buruli ulcer in Australia: progress and challenges	Tim Stinear
14:20 – 14:35	Transmission status of neglected tropical diseases with skin manifestations in Sri Lanka	Dilini Muthukumari Wijesekara
14:35 – 14:50	Establishing a controlled human infection model of Buruli ulcer	Stephen Muhi
14:50 – 15:05	Peak transmission of Ross River/Barmah forest virus infections and Buruli ulcer in temperate Victoria are aligned and strongly influenced by season	Paul Johnson
15:05 – 15:20	Evolutionary ecology literacy is important for improving the understanding and management of mycobacterial skin diseases	Jean-François Guégan
15:20 – 15:40	Discussions	All
15:40 – 15:55	Detection of <i>Mycobacterium ulcerans</i> among <i>Aedes albopictus</i> (Skuse 1894) emerged from <i>M. ulcerans</i> contaminated water	Heather Jordan
15:55 – 16:10	Genomic approaches to predict the origins of Buruli ulcer cases	Andrew Buultjens
16:10 – 16:25	Environmental risk factors associated with the presence of <i>Mycobacterium ulcerans</i> in Victoria, Australia	Bridgette McNamara
16:25 – 16:40	BCG vaccination of possums against <i>Mycobacterium ulcerans</i>	Daniel O'Brien
16:40 – 17:00	Discussions	All
17:00 – 18:00	Side meetings	

Thursday, 30 March 2023 Session 7 Diagnostics and laboratory capacity strengthening Chair: Tim Stinear		
Time	Subject	Presenters
08:00 – 09:00	Welcome coffee and Zoom login by online participants	
09:00 – 09:20	Keynote presentation: Diagnostics - Review of current diagnostic tests for skin NTDs and laboratory capacity strengthening – opportunities, challenges, and priorities	Isra Cruz
09:20 – 09:35	Buruli ulcer laboratories network for Africa (BU-LABNET): progress, challenges, and perspectives	Sara Eyangoh
09:35 – 09:50	Point-of-care and field compatible qPCR based molecular diagnostics for skin neglected tropical diseases	Sundeeep Vedithi Michael Frimpong
09:50 – 10:05	Developing a rapid diagnostic test for Buruli ulcer: challenges and prospects	Dziedzom de Souza
10:05 – 10:20	Capacity building in yaws reference laboratories in Cameroon, Côte d'Ivoire and Ghana	Serges Tchatchouang
10:20 – 10:40	Discussions	All
10:40 – 10:55	External quality assurance in the fight against neglected tropical diseases: The LAMP4yaws Project	Sascha Knauf
10:55 – 11:10	Molecular diagnostics for mycetoma	Wendy van de Sande
11:10 – 11:25	Laboratory support for the control and elimination of skin neglected tropical diseases in Ghana	Abigail Agbanyo
11:25 – 11:40	SwiftX™ DNA – a versatile tool for extraction of DNA from various skin disease agents	Andy Wende
11:40 – 12:00	Discussions	All
12:00 – 14:00	Lunch	

Thursday, 30 March 2023 Session 8: Treatments Chair: Michele Murdoch		
Time	Subject	Presenters
14:00 – 14:20	Keynote presentation: Drug treatment: Review of current drug treatments for skin NTDs – opportunities, challenges, and priorities	Richard Phillips
14:20 – 14:35	Results of the 2022 global WHO online survey on diagnostic capacities and treatment practices for implantation (deep) mycoses	Barbara Milani
14:35 – 14:50	Safety of bedaquiline plus rifampicin for leprosy post-exposure prophylaxis – preliminary results	Bouke de Jong
14:50 – 15:05	Cutaneous leishmaniasis patient characteristics and treatment outcomes, Quetta, Pakistan, 2014–2021	Koert Ritmeijer
15:05 – 15:20	Basic infrastructure: an essential component of integrated wound management	Bognan Valentin Koné
15:20 – 15:40	Discussions	All
15:40 – 15:55	The WAWLC kit: a way to bring standardized basic dressing material for adapted modern wound care to low-resource settings	Hubert Vuagnat
15:55 – 16:10	Control of tungiasis through systematic diagnosis and treatment of humans and animals using dimeticone oil in a resource-poor nomadic setting in Uganda	Hermann Feldmeier
16:10 – 16:25	Secondary bacterial infections and antibiotic resistance among tungiasis patients in western, Kenya	Ruth Nyangacha
16:25 – 16:40	Beta-lactam containing regimen for the shortening of Buruli ulcer disease therapy (Phase II in Benin): Clinical trial update	Christian Johnson
16:40 – 17:00	Discussions	All
17:00 – 18:00	Side meeting: Current and future landscape on Buruli ulcer treatment	All

Friday, 31 March 2023 Session 9 Operational research Chair: Ymkje Stienstra		
Time	Subject	Presenters
08:00 – 09:00	Welcome coffee and Zoom login by online participants	
09:00 – 09:20	Keynote presentation: Operational research for skin NTDs - what are the critical needs?	Gail Davey
09:20 – 09:35	Experience with holistic management of skin neglected tropical diseases through church networks in Songololo Territory	Delphin Phanzu
09:35 – 09:50	Barriers associated with accessing lymphatic filariasis Morbidity Management and Disability Prevention (MMDP) Services in Jigawa State, Nigeria	Juliana Amanyi-Enegela
09:50 – 10:05	An integrated person-centred approach to the identification, referral, diagnosis, and management of skin NTDs: findings from a multi-disciplinary evaluation	Laura Dean
10:05 – 10:20	Two and a half years of PEP4LEP skin camps: An implementation trial on community based integrated skin screening and leprosy prevention in Ethiopia, Mozambique and Tanzania	Anne Schoenmakers
10:20 – 10:40	Discussions	All
10:40 – 10:55	Sustainability of self-help programmes in the context of leprosy and the work of leprosy missions	Sopna Choudhury
10:55 – 11:10	Community understandings of the aetiology of leprosy, Buruli ulcer and yaws diseases in the Atwima Mponua District of the Ashanti Region of Ghana	Daniel Okyere
11:10 – 11:25	Contribution to NTD pharmacoeconomics: Costs of mycetoma drug development	Eduard Zijlstra
11:25 – 11:40	Understanding the economic burden on households of neglected tropical diseases of the skin: Qualitative findings from Ghana and Ethiopia	Jacob Novignon
11:40 – 12:00	Discussions	All
12:00 – 14:00	Lunch	

<p style="text-align: center;">Friday, 31 March 2023</p> <p style="text-align: center;">Session 10</p> <p style="text-align: center;">Conclusions and recommendations</p> <p style="text-align: center;">Chair: Roderick Hay</p>		
14:00 – 14:40	Report of rapporteurs	
14:40 – 15:00	Conclusions and recommendations	
14:40 – 15:00	Closing remarks	Director, NTD