

Digital health for the End TB strategy : progress since 2015 and future perspectives

WHO Global TB Programme, **UNAIDS D Building 4th floor, HTM65 (D4-6025) 20**, av Appia - CH-1211 Genève - Switzerland - 7 to 8 February 2017

Day 1 (Chairs: Alistair STORY, Dennis FALZON)

Time	Topic	Speaker/Facilitator
9:00 - 9:15	Welcome remarks & Introductions	Mario RAVIGLIONE, WHO/GTB Giovanni Battista MIGLIORI, ERS
9:15 - 9:25	Objectives and declarations of interest	Karin WEYER, WHO/GTB
9:25 - 9:40	Digital health for WHO's End TB Strategy: milestones since 2015	Dennis FALZON / Hazim TIMIMI, WHO/GTB
9:40 - 10:00	Introductory session 1. Digital health for TB : state of the evidence for adherence	Richard LESTER, University of British Columbia, Canada
10:00 - 10:30	Introductory session 2. Modelling the potential impact of digital health on adherence measures of TB infection and disease	Kevin SCHWARTZMAN, McGill University, Canada
10:30 - 10:45	Break (+ Group photo)	
10:45 – 11:20	TPP Session 1: Connected diagnostics target product profile	Chris ISAACS, FIND Geneva
11:20 - 12:00	TPP Session 2: Perspectives on video-observed therapy for TB (VDOT)	Richard GARFEIN, UC San Diego, US
	Country experience	Alistair STORY, Find & Treat, UK Alena SKRAHINA, NTP Belarus
12:00 - 12:30	TPP Session 3: Electronic case-based surveillance for TB	Le Van HOI (Viet Nam), Kirankumar RADE (India)
12:30 – 13:30	LUNCH	
13:30 - 14:45	Panel discussion : perspectives for the operationalization of fast-moving digital technologies while evidence is strengthened	BMGF - Daniel CHIN ERS - Werner BILL GFATM - Mohammed YASSIN UNITAID - Sara PADIDAR USAID - Kaiser SHEN (facilitated by WHO/GTB)
14:45 – 15:15	TPP Session 4: Digital health to support programmatic management of LTBI	Haile GETAHUN / Yohhei HAMADA, WHO/GTB
15:15 – 15:45	Break	
15:45-16:15	TPP Session 5: MOOCs in global health: Opportunities and challenges for innovative education in the digital era	Rafael Luis RUIZ DE CASTAÑEDA, University of Geneva, Switzerland
16:15 – 16:45	TPP Session 6: Clinical decision support tools for personalized medicine	Zelalem TEMESGEN, The Mayo Clinic, US
16:45 - 17:00	Conclusions; plan for Day 2	Chairs

Day 2 (Chairs: Zelalem TEMESGEN, Kristian VAN KALMTHOUT)		
Time	Topic	Speakers
8:45-9:00	ERS welcome message	Guy JOOS, President ERS
9:00 - 9:30	Introductory session 3. Differentiated care for TB patients : novel technologies, evidence and implementation	Bruce THOMAS, The Arcady Group, US
9:30 - 9:50	Future perspectives session 1: Drone-supported TB care	Peter SMALL, Stony Brook University, NY, US
9:50 - 10:10	Future perspectives session 2: Nanotechnology in delivery & monitoring of TB medicines	Irina FELKER, TB Research Institute, Novosibirsk, Russian Fed
10:10 - 10:30	Future perspectives session 3: Application of artificial intelligence in patient support	Adam HANINA, AI Cure, US
10:30-10:45	Break	
10:45 - 11:15	The makings of a successful digital platform for large scale impact on TB treatment adherence	Richard LESTER (discussant)
11:15 - 12:00	Creating a facility to promote digital health for major diseases	Dennis FALZON (discussant)
12:00 - 12:30	Conclusions, next steps, proposed changes to the TPPs and perspectives for the WHO/ERS project in 2017/2018	Giovanni Battista MIGLIORI, ERS
12:30 – 13:30	(members of the Global Task Force on digital health for TB stay for a meeting following lunch)	
13:30 - 15:00	Meeting of the "Global Task Force on digital health for TB"	