



World Health
Organization

GUIDELINES



UPDATED RECOMMENDATIONS ON
**SERVICE DELIVERY FOR
THE TREATMENT AND CARE
OF PEOPLE LIVING WITH HIV**

APRIL 2021

UPDATED RECOMMENDATIONS ON
**SERVICE DELIVERY FOR
THE TREATMENT AND CARE
OF PEOPLE LIVING WITH HIV**

APRIL 2021

Updated recommendations on service delivery for the treatment and care of people living with HIV

ISBN 978-92-4-002358-1 (electronic version)

ISBN 978-92-4-002359-8 (print version)

© World Health Organization 2021

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; <https://creativecommons.org/licenses/by-nc-sa/3.0/igo>).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization (<http://www.wipo.int/amc/en/mediation/rules/>).

Suggested citation. Updated recommendations on service delivery for the treatment and care of people living with HIV. Geneva: World Health Organization; 2021.

Licence: **CC BY-NC-SA 3.0 IGO**.

Cataloguing-in-Publication (CIP) data. CIP data are available at <http://apps.who.int/iris>.

Sales, rights and licensing. To purchase WHO publications, see <http://apps.who.int/bookorders>. To submit requests for commercial use and queries on rights and licensing, see <http://www.who.int/about/licensing>.

Third-party materials. If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

General disclaimers. The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by WHO to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO be liable for damages arising from its use.

Design and layout by 400 Communications.

CONTENTS

I. Acknowledgements	v
II. Abbreviations and acronyms	vii
III. Definition of key terms	viii
IV. Executive summary	ix
1. Background	1
1.1 Objectives	2
1.2 Target audience	2
1.3 Guiding principles	3
1.4 Methods for developing these guidelines	3
1.5 Differentiated service delivery for HIV treatment	4
2. People-centred care	9
3. Initiating ART outside the health facility	11
4. Rapid initiation of ART, including same-day start	14
5. Frequency of clinical visits and ART pick-up	16
6. Tracing and re-engagement in care	18
7. Assessing adherence	21
8. Integrating services	23
8.1 Integrating sexual and reproductive health services, including contraception, within HIV services	23
8.2 Integrating diabetes and hypertension care with HIV care	26
9. Psychosocial interventions for adolescents and young adults living with HIV	28
10. Task sharing of specimen collection and point-of-care testing	32
11. Diagnostic integration	37
12. Disseminating, adapting and implementing the guidelines	41
<i>References</i>	42
Annex. Process of developing the guidelines	58
<i>References</i>	61

Index of tables, figures and boxes

Table 1.	Evidence-informed approaches to supporting same-day ART initiation at the level of the client, provider and health system	15
Fig. 1.	The building blocks of differentiated service delivery for HIV treatment	5
Box 1.	Criteria for determining whether a person is established on ART	5
Box 2.	Interventions to improve relationships between clients and health-care providers	10
Box 3.	Simple, low-cost approaches for measuring adherence	22

I. ACKNOWLEDGEMENTS

WHO gratefully acknowledges the contributions of many individuals and organizations in developing these guidelines.

GRADE methodologist

Roger Chou (Oregon Health & Science University, USA).

Service Delivery Guideline Development Group (2020)

Co-chairs: Aleny Couto (Ministry of Health, Mozambique) and **Andreas Jahn** (Ministry of Health, Malawi).

Cindy Amaiza (Y+ Kenya, Kenya), **Florence Riako Anam** (Médecins Sans Frontières, Kenya), **Tsitsi Apollo** (Ministry of Health and Child Care, Zimbabwe), **Baker Bakashaba** (The AIDS Support Organisation, Uganda), **Erika Castellanos** (Global Action for Trans* Equality, The Netherlands), **Manish Bamrotiya** (John Hopkins University Field Staff, India), **Tom Ellman** (Médecins Sans Frontières, South Africa), **Elvin Geng** (Washington University in St. Louis, USA), **Naresh Goel** (National AIDS Control Organisation, India), **Charles Holmes** (Georgetown University Center for Innovation in Global Health, USA), **Daniella Mark** (Paediatric-Adolescent Treatment Africa, South Africa), **Thi Nhan** (Ministry of Health, Viet Nam), **Catherine Orrell** (University of Cape Town, South Africa), **Miriam Rabkin** (ICAP at Columbia University, USA), **Serhii Riabokon** (Public Health Center of the Ministry of Health of Ukraine), **Izukanji Sikazwe** (Centre for Infectious Disease Research in Zambia, Zambia), **Nikita Smirnov** (Moscow State City Center for AIDS Prevention and Control, Russian Federation) and **Nicola Willis** (Africaid Zvandiri, Zimbabwe).

External Review Group

Alice Armstrong (UNICEF Eastern and Southern Africa, Kenya), **Myo Nyein Aung** (Juntendo University, Tokyo, Japan), **Helen Bygrave** (Médecins Sans Frontières, United Kingdom), **Susan Cleary** (University of Cape Town, South Africa), **Anna Grimsrud** (International AIDS Society, South Africa), **Tamar Kabakian-Khasholian** (American University of Beirut, Lebanon), **Sergio Maulen** (Ministry of Health, Argentina), **Raymond Mutisya** (Jhpiego, Kenya), **Eyerusalem Negussie** (Ministry of Health, Ethiopia), **Nittaya Phanuphak** (Institute of HIV Research and Innovation, Thailand), **Sydney Rosen** (University of Boston, USA), **Nadia A. Sam-Agudu** (Institute of Human Virology at the University of Maryland School of Medicine, USA and Institute of Human Virology Nigeria) and **Sedona Sweeney** (London School of Hygiene & Tropical Medicine, United Kingdom).

Evidence reviewers

Sarah Bernays (University of Sydney, Australia), **Amrita Daftary** (York University, Canada), **Ingrid Eshun-Wilson** (Washington University in St. Louis, USA), **Elvin Geng** (Washington University in St. Louis, USA), **Luann Hatane** (Paediatric-Adolescent Treatment Africa, South Africa), **Paul Hine** (Liverpool School of Tropical Medicine, United Kingdom), **Shaukat Khan** (Clinton Health Access Initiative, USA), **Christina Laurenzi** (Stellenbosch University, South Africa), **Anke Rohwer** (Stellenbosch University, South Africa), **Angela Salomon** (McGill University, Canada) and **Sarah Skeen** (Stellenbosch University, South Africa).

WHO staff and consultants

Nathan Ford and **Marco Vitoria** (Department of Global HIV, Hepatitis and Sexually Transmitted Infection Programmes) coordinated the overall development process with **Cadi Irvine** and **Ajay Rangaraj** (consultants, Department of Global HIV, Hepatitis and Sexually Transmitted Infection Programmes) under the leadership of **Meg Doherty** (Director, Department of Global HIV, Hepatitis and Sexually Transmitted Infection Programmes).

The following individuals in the Department of Global HIV, Hepatitis and Sexually Transmitted Infection Programmes contributed to developing these guidelines: **Wole Ameyan**, **Rachel Baggeley**, **Silvia Bertagnolio**, **Shona Dalal**, **Philippa Easterbrook**, **Cheryl Johnson**, **David Lowrance**, **Virginia McDonald**, **Morkor Newman**, **Boniface Nguimfack**, **Martina Penazzato**, **Françoise Renaud**, **Michelle Rodolph**, **Andrew Seale**, **Satvinder Singh**, **Annette Verster** and **Lara Vojnov**.

Others who provided contributions include **Annabel Baddeley**, **Dennis Falzon** and **Ismail Nazir** (Global Tuberculosis Programme), **Giorgio Cometto** (Health and Wellness Programme Department), **Batool Fatima** (Mental Health Department) and **Andreas Reis** (Health Ethics and Governance Unit).

The following consultants also contributed to developing the guidelines: **David Breuer** technically edited the document and **400 Communications Ltd** did the design and layout.

WHO regional and country offices

Ahmed Sabry Alaama (WHO Regional Office for the Eastern Mediterranean), **Marcelo Freitas** (WHO Regional Office for the Americas), **Naoko Ishikawa** (WHO Regional Office for the Western Pacific), **Frank Lule** (WHO Regional Office for Africa), **Bridget Mugisa** (WHO Regional Office for the Eastern Mediterranean), **Giovanni Ravasi** (WHO Regional Office for the Americas), **Bharat Rewari** (WHO Regional Office for South-East Asia) and **Elena Vovc** (WHO Regional Office for Europe).

Observers

Carmen Perez (Unitaid), **Peter Ehrenkranz** (Bill & Melinda Gates Foundation, USA), **Katy Godfrey** (Office of the U.S. Global AIDS Coordinator), **Anna Grimsrud** (International AIDS Society, Switzerland), **Julianna Hills** (United States Centers for Disease Control and Prevention), **Siobhan Malone** (Bill & Melinda Gates Foundation, USA), **Tom Minor** (United States Agency for International Development), **Obinna Onyekwena** (Global Fund to Fight AIDS, Tuberculosis and Malaria), **Ani Shakarishvili** (UNAIDS), **Alison Wringe** (Global Fund to Fight AIDS, Tuberculosis and Malaria) and **Isaac Zulu** (United States Centers for Disease

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_23938

