HIV/AIDS Programme

Strengthening health services to fight HIV/AIDS

ANTIRETROVIRAL THERAPY FOR HIV INFECTION IN ADULTS AND ADOLESCENTS

Recommendations for a public health approach

2010 revision



WHO Library Cataloguing-in-Publication Data

Antiretroviral therapy for HIV infection in adults and adolescents: recommendations for a public health approach. – 2010 rev.

1.Anti-retroviral agents - therapeutic use. 2.Anti-retroviral agents - pharmacology. 3.HIV infections - drug therapy. 4.Adult. 5.Adolescent. 6.Guidelines. 7.Developing countries. I.World Health Organization.

ISBN 978 92 4 159976 4 (NLM classification: WC 503.2)

© World Health Organization 2010

All rights reserved. Publications of the World Health Organization can be obtained from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland (tel.: +41 22 791 3264; fax: +41 22 791 4857; e-mail: bookorders@who.int). Requests for permission to reproduce or translate WHO publications – whether for sale or for noncommercial distribution – should be addressed to WHO Press, at the above address (fax: +41 22 791 4806; e-mail: permissions@who.int).

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 the World Health Organization 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 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 the World Health Organization 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 the World Health Organization 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 the World Health Organization be liable for damages arising from its use.

Printed in Austria

ANTIRETROVIRAL THERAPY FOR HIV INFECTION IN ADULTS AND ADOLESCENTS

Recommendations for a public health approach

2010 revision



CONTENTS

Acknowledgements Executive summary Background	7		
,			
Background			
	8		
Funding and declarations of interest	g		
Guiding principles	10		
Objectives of the guidelines and target audience	.11		
Methodology and process	12		
From evidence to recommendation	14		
Adapting the guidelines	17		
Summary of changes			
Recommendations at a glance			
When to start	24 25 26 26		
What to start	31 32 33 34 35 36 37 38 39 39		
	Funding and declarations of interest		

15.	Specific populations – when and what to start		
	15.1.	Recommendations for HIV-infected pregnant women	. 41
	15.2.	Recommendations for women with prior exposure to antiretrovirals for PMTCT.	. 42
	15.3.	Recommendations for HIV/HBV coinfection	
	15.4.	Recommendations for HIV/tuberculosis coinfection	. 45
	15.5.	Rifabutin	. 46
16.	When	to switch ART	. 48
	16.1.	Recommendations	. 48
	16.2.	Evidence	
	16.3.	Summary of findings	. 48
	16.4.	Benefits and risks	. 49
	16.5.	Clinical considerations	. 50
17.	Secor	nd-line regimens	. 53
	17.1. F	Recommendations	. 53
	17.2.	Evidence	
	17.3.	Summary of findings	
	17.4.	Benefits and risks	
	17.5.	Acceptability and feasibility	
	17.6.	Clinical considerations	
	17.7.	Selection of second-line NRTIs	
	17.8.	Maintaining 3TC in the second-line regimen	. 56
	17.9.	NRTIs for HIV/HBV coinfection	
	17.10.	Selection of boosted protease inhibitor	. 57
18.	Third-	line regimens	. 58
	18.1. F	Recommendations	. 58
	18.2.	Evidence	. 58
	18.3.	Summary of findings	. 58
	18.4.	Benefits and risks	
	18.5.	Acceptability and feasibility	
	18.6.	Clinical considerations	. 60
19.	Packa	ge of care interventions	
	19.1.	Guiding principles	
	19.2.	Voluntary counselling and testing and provider-initiated testing and counselling	
	19.3.	Preventing further transmission of HIV	
	19.4.	The Three I's for HIV/TB	
	19.5.	Cotrimoxazole prophylaxis	. 62
	19.6.	Sexually transmitted infections	
	19.7.	Treatment preparedness	. 63
	19.8.	Early initiation of ART	. 63
	19.9	ART as prevention	63

20. Laboratory monitoring		64	
	20.1.	Guiding principles	64
	20.2.	Laboratory monitoring on ART	65
21.	Annex	xes	67
	21.1.	Special note on coinfection with HIV and hepatitis C	67
	21.2.	Dosages of recommended antiretrovirals	67
	21.3.	Toxicities and recommended drug substitutions	69
	21.4.	ARV-related adverse events and recommendations	71
	21.5.	Diagnostic criteria for HIV-related clinical events	73
	21.6.	Grading of selected clinical and laboratory toxicities	81
	21.7.	Prevention and assessment of HIV drug resistance	86
	21.8.	Special note on antiretroviral pharmacovigilance	87
	21.9.	GRADE evidence tables	89
22.	Refere	ences	126

预览已结束, 完整报告链接利

https://www.yunbaogao.cn/report/index/report