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HIV/AIDS Programme

Strengthening health services to fight HIV/AIDS

Forecasting global ARV demand in scaling-up ART

Françoise Renaud-Théry, WHO/HIV
AMDS partners and stakeholders meeting
Geneva, 2-3 April 2009

Products and activities

- In hand
 - Electronic platform on ARV forecasts: WHO/UNAIDS forecasts 2008-2010, SCMS forecasts for children, structured data for the production of forecast and analysis of trends (e.g. national guidelines, ARV use), software for production of forecasts (on request)
- Under development
 - Migration and retention rate, May 2009
 - Annual survey on ARV use in 40 countries , May 2009
- Planned
 - Up-date of WHO/UNAIDS forecasts 2010-2012 with new data, July 2009
 - Annual forecasting meeting with ARV producers, Q4 2009
 - Follow-up of the SG meeting with ARV producers, NY 9 Oct 2008 (simplification of ART for RLS, 2nd line, forecasts,)

Partners

- UNAIDS, Futures Institute, CHAI, SCMS, GFATM, UNITAID, UNICEF, USAID, and internal collaboration WHO/HIV, EMP, EHT
- Pharmaceutical companies
- Forecasting working groups: technical working group and a consultation working group
- Joint publications, dissemination of contributions on electronic platform, AMD website, publication of reports and articles, conferences (Toronto, Mexico), high level meetings



Impact maximization strategy?

Improving technical products

Improving communication

Partner contributions and role of AMDS Secretariat


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Electronic platform for global ARV forecasts

The overall objective of this page is to make available global and country data to inform the production of forecasts.

Epidemiological and clinical data

Systematic review of cohort retention, substitution and switching in WHO-recommended first line regimen (Update in early 2009)

- :: [HIV surveillance, estimations and monitoring and evaluation](#)
- :: [HIV/AIDS data and statistics](#)

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Market data, pricing and use of ARVs in countries

- :: [Global price Reporting Mechanism \(WHO/AMDS\)](#)
- :: [Sources and prices of active pharmaceutical ingredients \(APIs\) \(WHO/AMDS\) \[pdf 92kb\]](#)

MARKET SURVEYS

- :: [2007: Use of antiretroviral therapy in resource-limited countries: up-take of 2nd-line and paediatric treatment stagnant \[ppt\]](#)
- :: [2006: Use of antiretroviral therapy in resource-limited countries: distribution and uptake of first- and second-line regimens \(WHO/AMDS\)](#)
- :: [2004/2005: Relative market share of different antiretroviral compounds in low- and middle-income countries: an analysis of two public domain data bases \(WHO/AMDS\) \[pdf 213kb\]](#)

HIV/AIDS medicines and registration

- :: [AMDS drug regulatory database](#)
- :: [List of pre-qualified Medicinal Products \(WHO\)](#)
- :: [List of ARV pharmaceutical products classified according to the Global Fund Quality Assurance Policy for single and limited source pharmaceutical products](#)

WHO Treatment guidelines

- :: [WHO Technical Reference Group Paediatric HIV CARE ART Guideline Review meeting](#)
- :: [New dosage recommendations for Stavudine \(d4T\) \[pdf 107kb\]](#)
- :: [Antiretroviral therapy for HIV infection in adults and adolescents: towards universal access, 2006](#)
- :: [Antiretroviral drugs for treating pregnant women and preventing HIV infection in infants: towards universal access, 2006 \[pdf 1.91Mb\]](#)
- :: [Technical brief: entry points to antiretroviral treatment \[pdf 69kb\]](#)
- :: [HIV post-exposure prophylaxis for occupational and non-occupational exposure to HIV infection](#)
- :: [HIV/AIDS protocols on treatment and care for the European Region](#)

National treatment protocols

- :: [Brazil 2008 \[pdf 1.24Mb\]](#)
- :: [India 2007 \[pdf 2.35Mb\]](#)



countries	<i>Systematic review of cohort retention, substitution and switching in WHO-recommended first line regimen (Update in early 2009)</i>	3. Electronic platform for global ARV forecasts
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	Resources and funding for AIDS	
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Key publications for forecasting

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Topics	<p>Since November 2005, AMDS regularly organizes consultations with brand-name and generic producers of ARV finished products and active pharmaceutical ingredients for ARV to exchange on forecasting global demand for adult and pediatric ARVs medicines. The last consultation took place in December 2008.</p> <ol style="list-style-type: none"> ARV forecasting Key publications for forecasting Electronic platform for global ARV forecasts Forecasting software Meetings on ARV global demand forecasting Useful links
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HIV/AIDS publications	a) Joint WHO/UNAIDS informal consultation with pharmaceutical companies - forecasting ARV demand 2008-2010 and improving paediatric and second line ARV options - 15-16 December 2008
HIV/AIDS data and statistics	This consultation is a follow-up of the meeting of the United Nations Secretary General with the pharmaceutical and diagnostic companies on 9 October 2008 in New York, to engage the pharmaceutical companies in a dialogue on global ARV demand forecasts for 2008-2010 and paediatric and second-line medicines and to discuss on how to improve availability of suitable formulations.
AIDS medicines and diagnostics service	
About us	<p>MEETING INFORMATION</p> <p> :: Agenda [pdf 39kb] :: List of participants [pdf 94kb] :: Background [pdf 33kb] </p> <p>PRESENTATIONS - DAY 1</p> <ol style="list-style-type: none"> 1. "Preamble to WHO and UNAIDS ARV forecasts 2008-2010", presented by F. Renaud-Théry, HIV/AIDS Department, WHO [pdf 146kb] 2. "Forecasting Demand for ARVs, 2008 - 2010, Preliminary Results" presented by J. Stover, Futures Institute [pdf 518kb] 3. "Electronic information platform for global ARV forecasts", presented by F. Renaud-Théry, HIV/AIDS Department, WHO [pdf 363kb] 4. "The future of ART financing during an economic downturn?" presented by R. Greener, UNAIDS [pdf 214kb] 5. "A systematic review of antiretroviral failure and switching within WHO-recommended first-line regimens", presented by C. Duncombe, HIVNAT, The Netherlands, Australia, Thailand Research Collaboration [pdf 711kb] 6. "ART by source and ODA after the crisis -Dec 2008", presented by J.A. Izazola, UNAIDS [pdf 202kb]

Handouts:

- Forecasting demand for ARVs, 2008-2010, Preliminary results (WHO, UNAIDS, Futures Institute)
- HIV/AIDS grant disbursements and R7 and R8 approved proposals for ARV procurement (GFATM)