WHO Global Survey on ARV and Diagnostic Use in 2014 in Low & Middle-Income Countries

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WHO Global ARV Use Survey 2014

- 77 L&MIC countries: 14 PAHO countries + 63 other RO*: **9.8M** on ART

- **Other ROs**: 9.3M on ART
  - 94% adult vs 6% children
  - Adults: 96% on 1st line; 4% on 2nd line and 0.04% salvage;
  - Children: 95.7% on 1st line; 4.3% on 2nd line and 0.01% salvage.

- **PAHO 2013**: 0.54M
  - 99% adult vs 1% children
  - Adults: 63% on 1st line; 33% on 2nd line and 4% salvage;
  - Children: 55% on 1st line; 43% on 2nd line and 4% salvage.
First-line regimens used in adults in L&MI countries in 2013
96.1% of adults on ART (n=7,979,262)

- 60% used TDF,
- 34% AZT, 5% d4T,
- 57% used EFV, 42% used NVP
- 68% used 3TC and 32% used FTC.
Global evolution of major 1st line ART regimens used in adults (2008-2013)*

N=1.8M (2008); 2.2M (2009); 2.6M (2010); 3.4M (2011); 4.0M (2012) & 4.8M (2013)

*18 countries which have been followed since 2008 and have complete report in all years: Botswana, Burkina Faso, Burundi, Cambodia, Cameroun, China, Ethiopia, Ghana, Iran, Kenya, Malawi, Namibia, Nigeria, DRC, Uganda, Ukraine, Zambia, and Zimbabwe.
Evolution of d4T, AZT and TDF use in adult 1st line therapy* (2008-2013)

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Evolution of 3TC and FTC in adult 1st line ART (2008-2013)
Trend of NVP & EFV used in adult 1st line ART (2008-2013)
Evolution of 1 and 2\textsuperscript{nd} line ART therapy in adults* (2008-2013)

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Second-line regimens used in adults of L&MI countries in 2013

3.9% of adults on ART (n=305,844)

- 67% used TDF,
- 27% AZT, 6% ABC,
- 90% used LPV, 8% used ATV and 2% other PIs,
- 79% used 3TC and 15% used FTC and 4% ddi.

% of treated patients
Global evolution of main 2nd line ART regimens used in adults* (2008-2013)

*18 countries which have been followed since 2008 and have complete report in all years: Botswana, Burkina Faso, Burundi, Cambodia, Cameroun, China, Ethiopia, Ghana, Iran, Kenya, Malawi, Namibia, Nigeria, DRC, Uganda, Ukraine, Zambia, and Zimbabwe.
Evolution of main APIs used in adults 2\textsuperscript{nd} line therapy* (2008-2013)

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Evolution of PIs use in 2nd line ARV regimens used for adults* (2008-2013)

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PEDIATRIC ART
WHO Global ARV Survey 2014

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* 28 AFRO, 14 EMRO, 6 EURO, 7 SEARO, 8 WPRO
Main First-line regimens used in children in LMI count: 96% of children on ART by end 2013
n=455,622

- 51% used AZT, 35% ABC, 12% d4T and 1.4% TDF
- 17% used LPV/r, 56% NVP & 27% EFV
- 98% used 3TC, 0.2% FTC
Evolution of major 1st line ART regimens used in children (2009-2013)

Evolution of the main children first line regimens, 2009-2014

- d4T+3TC+NVP
- AZT+3TC+NVP
- d4T+3TC+EFV
- AZT+3TC+EFV
- 3TC+ABC+EFV
- 3TC+d4T+LPV/r
- ABC+3TC+LPV/r
- 3TC+ABC+NVP

% of treated patients

Year
Evolution of AZT, d4T, ABC and TDF use in 1st line pediatric therapy* (2008-2013)

APIs evolution for children 1st line, 2009 - 2014

% of treated patients

- d4T
- AZT
- TDF
- ABC
Main second-line regimens used in children in LMI countries (except America region): 4% of children on ART by end 2013
n=18,302

- 47.2% used ABC, 46.8% AZT, 7.8% TDF
- 91% used LPV/r; 2% ATV; 0% for IDV & SQV
Evolution of major 2nd line ART combinations used in children (2008-2013)*
Evolution of APIs used in 2nd line pediatric ART (2008-2013)
THANK YOU