Strengthening Pediatric HIV Care & HIV Service Integration in Nigeria

Presenting Pediatric AHD Baseline Checklist

Presentation Outline

Context & Rationale

1

Why this tool was developed — the paediatric AHD burden in Nigeria

Paediatric AHD Baseline Checklist

2

Tool purpose, domains, data capture structure, and implementation approach

Field Experience & Lessons

3

Piloting insights, challenges encountered, and adaptations made

Way Forward

4

Scale-up plans, national embedding, and recommendations for adaptation

Results & Impact

5

Findings from deployment and how the tools drive quality improvement

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Paediatric AHD Baseline Checklist

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Context & Rationale

Children <15 yrs living with HIV in Nigeria (2024)	**~50,344**
ART coverage for children — below the 95% UNAIDS target	**75%**
HIV-infected children present with AHD at first clinic visit	**…%**
Higher mortality risk in children with AHD vs. non-AHD	**…×**

The Challenge

Nigeria's HIV program has made significant strides, yet two critical gaps persist:

1. Pediatric AHD is underserved: Facilities lack standardized tools to assess readiness for diagnosing and managing AHD in children, leading to missed diagnoses and delayed treatment.

These tools directly address these gaps — enabling data-driven facility improvement at the point of care.

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Tool 1: Paediatric AHD Baseline Checklist

PURPOSE: Assess facility-level capacity and service readiness to identify, diagnose, and manage Advanced HIV Disease (AHD) in paediatric populations across all age-bands from <5 years through 19 years.

A. Facility Profile

Ownership, level of care, staffing cadre, PLHIV in care by age-band

B. Services Offered

AHD diagnostics (CD4, CrAg, TB LF-LAM), therapeutics, OI prophylaxis, DSD models

C. Epidemiologic Data

HIV testing, AHD diagnosis, OI treatment, prophylaxis & vaccination — stratified by age

D. Commodity Management

Treatment & lab commodities: stock on hand, average monthly consumption, critical gaps

E. Data Reporting

EMR functionality, NDR upload status, data quality assurance systems

F. Community & Training

CHW linkages, community groups, AHD-specific staff training, clinical case review meetings

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Paediatric AHD Baseline Checklist

NATIONAL AIDS, VIRAL HEPATITIS AND STIs CONTROL PROGRAMME
FEDERAL MINISTRY OF HEALTH

Facility Assessment tool for Pediatric Advanced HIV Disease Care

Domain assessed	Response	Remarks/comments
Assessment date:	__/__/____ (mm/dd/yyyy)	
Assessors' names:		

Facility Contact Persons

Name	*Designation*	*Phone number*	*Email address*

A. Facility profile				
1. Description of facility				
1.1 Facility Name				
1.2 Facility Address				
1.3 LGA				
1.4 State				
1.5 Facility Ownership	☐Government	☐ Private	☐ Faith-Based	
1.6 Level of Care	☐Primary	☐ Secondary	☐ Tertiary	
1.7 Supporting partner				
1.8 Number and cadre of staff	Doctors - Nurses - Pharmacist - Pharmacy technicians - Adherence counselors - Laboratory scientist – Laboratory technician -			

Piloting & Implementation for Paediatric AHD Baseline Checklist

1

Phase 1: Tool Development

Q3 ….2024

Stakeholder consultations, WHO/WHO AHD package alignment with the National Guidelines

2

Phase 2: Pilot Testing

Q2…..2025

Pilot at 42 facilities across 6 states; assessors trained; HCWs trained across the 6 states (Gombe, Kano, Benue, Anambra, Rivers, and Lagos)

Q4 2023

3

Phase 3: Refinement

Q2 2025

Respondent feedback incorporated; commodity lists updated; age-band disaggregation expanded to 5 bands

4

Phase 4: Scale-up

Q2 2026

Not yet scaled because the pilot is still ongoing, however the indicators for paediatric AHD already captured into the National tools recently revised.

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Paediatric AHD: Diagnostic & Therapeutic Services Assessed

DIAGNOSTICS	THERAPEUTICS & OI Tx	PROPHYLAXIS & PREVENTION
WHO Clinical Staging	ART Initiation & Optimization	Cotrimoxazole Preventive Therapy (CPT)
CD4 Testing (VISITECT, BD FACS Presto, CyFlow)	TB Treatment (First-line & drug-resistant)	TB Preventive Therapy (TPT – INH 100mg/300mg)
CrAg Testing (Cryptococcal Antigen)	Cryptococcal Meningitis (L-AmB + Flucytosine)	Fluconazole Secondary Prophylaxis
TB LF-LAM (Urine Lateral Flow)	Lumbar Puncture Capability	PCP Prophylaxis
Xpert® MTB/RIF / Truenat	PCP (Pneumocystis) Treatment	Malaria Prophylaxis
Chest X-ray	Severe Bacterial Infection Management	BCG, PCV, HPV, MMR Vaccination
EID (Early Infant Diagnosis, POC or PCR)	Severe Acute Malnutrition (RUTF/therapeutic foods)	Adherence Support & DSD Integration
Full Blood Count, E/U/Cr, LFT, Blood Culture	Malaria Case Management	Intensified Support for OI Patients

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Way Forward: Scale-Up & Recommendations

1 National Embedding

› Both tools already endorsed as national NASCP assessment instruments

› Include in national M&E frameworks and SIMS/QI verification protocols

› Annual facility re-assessment cycle from 2027

2 Digital Transition

› Migrate to ODK/KoBoCollect for field data capture

› Auto-push to national database via API integration

› Real-time dashboards for state-level programme managers

3 Capacity Building

› Train-the-trainer model for state programme officers

› Facility-based self-assessment using simplified guides

› Q3 Action Planning Workshop post-assessment

4 Multi-Country Adaptation

› Framework shared with CQUIN network for adaptation

› Modular design allows country-specific domain additions

› Consider integration with WHO AHD scale-up framework

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Thank You!