

PAEDIATRIC ART FLOWCHART

HCT:

For child < 18 months: do HIV PCR test
****Follow PMTCT algorithm for HIV PCR test 6 week old infants.**
 For child > 18 months:
 do 2x HIV Rapid test

POSITIVE test result

NEGATIVE test result

CHILD < 5 YEARS

CHILD ≥ 5 YEARS

Do CD4 test and WHO staging

Never Breastfed / breastfeeding stopped > 6 months ago

Breastfeeding or ever breastfed

Start ART within 2 weeks

CD4 ≤ 350 / Stage III or IV

CD4 > 350 / Stage I or II

Infant is HIV negative

Infant at risk until breastfeeding stops

Enroll in Wellness program and begin Cotrim

Repeat HIV test 6 weeks after breastfeeding ends

Do 18 month ELISA on all HIV exposed infants

Begin Adherence counselling for caregiver or patient / CD4 test (children > 5 years) / stage patient / weight, height & development monitoring / nutrition counselling / FBC or HB / Give Cotrim

If child is positive: do CD4 and follow algorithm

CHILD < 3 YEARS
OR CHILD < 10kg
OR CHILD > 3 YEARS EXPOSED TO NVP > 6 WEEKS

CHILD > 3 YEARS
AND CHILD > 10kg

Child on d4T regimen

Switch d4T to ABC if viral load is undetectable
 If viral load > 1000 copies/ml manage as treatment failure.
 If viral load between 50–1000 copies/ml – consult with expert for advice

1st Line:
ABC + 3TC + LPV/r

1st Line:
ABC + 3TC + EFV

Follow up tests

Routine

Non-routine

Test **CD4** at **12 months** on ART and then every 12 months. Test **Viral Load** at **6 months** and 12 months into ART, THEN 6 monthly in children < 5 years and 12 monthly in children 5–15 years.

Hb or FBC at **month 1, 2, 3** into ART and then annually if on AZT. If child on a **PI regimen** test for **Cholesterol + Triglyceride**, if child on **TDF** regimen test for **Creatinine + Urine dipstix**, if child is **jaundiced** or **has TB** test for **ALT** ****At every routine check up screen for: TB, weight, height, head circumference (< 2 years) and adverse drug reactions.**



health

Department:
 Health
 REPUBLIC OF SOUTH AFRICA