

Base line investigations for an infant / child known to have HIV and about to start on ART

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These investigations should be carried out at base line before starting, and then repeated at least 3-4 monthly. In the early weeks after starting when toxicities are most likely to arise, the biochemistry and haematology investigations should be undertaken at weeks 2, 4, 8, 12.

See also adherence guideline for starting ART (in preparation).

HIV parameters	HIV RNA PCR CD4 count (Resistance and HLA B5701 if not already done)
Haematology	FBC (differential WBC)
Biochemistry	U+E, Creat Total Protein (Globulin) Ca, PO ₄ Albumin LFT's Lipids Glucose Amylase Vitamin D/PTH if not recently done
Clinical Investigations	BP Urinalysis Height / Weight / Head circumference (<5yrs old) Baseline developmental assessment
Annually consider	TSH Vitamin D/PTH Immunisation responses Repeat Hepatitis A, B, C status (if negative at baseline) Repeat herpes virus serology for those sero-negative at baseline Growth and bone age Pubertal staging assessment Lipodystrophy assessment Developmental assessment
Social situation and Adherence	To be reviewed before start of treatment and as necessary – see adherence guidelines