Give ARV Prophylaxis

Risk category	Scenario	Infant ART prophylaxis
LOW RISK (at birth)	Newborn infant of mother on ART with a VL result of <1000 copies/ ml at delivery	**Nevirapine (NVP)** for 6 weeks
HIGH RISK (at birth)	**At birth:** • Mother on ART with a VL of >1000 copies/ ml at delivery or no HIV VL available at birth/ within the last 12 weeks before birth • Mother not on ART at delivery	**Nevirapine** (NVP) for at least 12 weeks, until mother's VL is <1000 copies/ ml or until 1 week after cessation of all breastfeeding **AND** **Zidovudine** (AZT) for 6 weeks
HIGH RISK (during breastfeeding)	**During breastfeeding:** • Mother on ART with latest VL of >1000 copies/ ml • Mother not on ART	
HIGH RISK (exclusive formula feeding)	**Exclusively formula fed infant of:** • Mother not on ART at delivery • Mother on ART with VL >1000 copies/ ml at delivery or no HIV VL at birth/ with the last 12 weeks before birth	**Nevirapine (NVP)** for 6 weeks **AND** **Zidovudine (AZT)** for 6 weeks

- If at any stage the infant's HIV PCR test is positive, stop prophylaxis and initiate ART according to the six steps p 52.
- Obtain expert advice on dosing of NVP and AZT for:
  - Premature infants <35 weeks gestation and <2.0 kg.
  - Infants underweight for age (with WFA z-score < -3).

AGE/WEIGHT		NEVIRAPINE (NVP) SOLUTION (10mg/ml) Once daily
Birth to 6 weeks	Weight 2.0 - < 2.5 kg	1 ml (10mg) daily
	Weight 2.5 kg or more	1.5 ml (15mg) daily
6 weeks up to 6 months		2 ml (20mg) daily
6 months up to 9 months		3 ml (30mg) daily
9 months until 1 week after breastfeeding stops		4 ml (40mg) daily

AGE/WEIGHT		ZIDOVUDINE (AZT) SOLUTION (10mg/ml) Twice daily
Birth to 6 weeks	Weight 2.0 - < 2.5kg kg	1 ml (10 mg) twice daily
	Weight 2.5 kg	1.5 ml (15 mg) twice daily
> 6 weeks	Weight 3.0 - < 6 kg	6 ml (60 mg) twice daily
	Weight 6 - 8 kg	9 ml (90 mg) twice daily