

Note on Implementation of
PPTCT NEW Guidelines in
Karnataka

Background:

Mother to child transmission of HIV is the primary route of transmission for HIV among children. This transmission is known to occur during pregnancy, delivery and breast-feeding period with equal frequency. It is estimated that without any intervention the risk of transmission of HIV from infected mother to her child is between 20 to 45%.

SI no	PPTCT Regimens for HIV infected mother and her child	Implemented from	Efficacy
1	Single dose Nevirapine at the time of Delivery to the mother and her Baby	2002 to Aug 2012	< 10%
2	Option B (ARV prophylaxis and ART) TENOFAVIR+ LAMIVUDINE+ EFAVIRANEZ if CD4 count is more than 350 from 14th week of gestation of the mother till cessation of breast feeding and Lifelong ART for mothers with Cd4 less than 350 cells/cu mm Baby - Syp NVP from Birth to 6 weeks of age	Sept 2012 to Dec 2013 in Karnataka, AP and TN	3-5%
3	Option B + (Lifelong ART) TENOFAVIR+ LAMIVUDINE+ EFAVIRANEZ as soon as the mother is detected positive irrespective of the Cd4 count lifelong Baby - Syp NVP from Birth to 6 weeks of age	From Jan 2014 across the country	< 2% in Non Breast feeding population and < 5% in Breastfeeding population

New Guidelines for Lifelong ART for all Pregnant Women Living with HIV for Prevention of Parent-to-Child Transmission (PPTCT) of HIV is implemented from January 2014 across the country.

The year wise information on counseling and testing of pregnant women in the ICTCs is given below:

Indicator	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Annual number of pregnancies in a year	11.35 lakhs	11.47 lakhs	11.58 lakhs	11.75 lakhs	12.07 lakhs	12.90 lakhs
No. pregnant women counseled and tested	5698464	796721	788303	1012366	949317	1136056
No. of pregnant women detected	3249	3544	2604	2333	1831	1446
HIV Positive ANCs (%)	0.57	0.44	0.33	0.23	0.19	0.13
MB pair coverage for ARV /ART and NVP (%)	50	60	85	98	91	95

No. of ANCs tested, positive and % Positive for HIV during NACP III :

