



POSTER PRESENTATION

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Outcome of first line antiretroviral therapy (art) with respect to treatment Failure at ART CENTRE, B. J. Medical College, Civil Hospital, Ahmedabad

Bipin Amin, Urvi Derasari, Umesh Nihalani, Hemang Purohit, Manoj Shevkani*, Sanjeev Prajapati, Girish Prajapati, Bankim Mankad, Asha Shah, Burzin Kavina

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Background

To Study outcome of 1st Line Anti Retroviral Therapy (ART) at with respect to treatment failure at ART Centre, B. J. Medical College, Civil Hospital, Ahmedabad, Gujarat, India.

Methods

All the ever started 1st Line ART patients were evaluated for treatment failure as per Indian National ART Guidelines at our institute.

Results

ART Centre, B. J. Medical College, Civil Hospital was started on 25th April, 2005. Till October 2009 ever registered patients are 11827 among this total 5847 patients were initiated ART as per Indian National ART Guidelines, Table 1.

Discussion

The clinical goals of HIV treatment are optimally accomplished through consistent high-level adherence to Highly Active Anti Retroviral Therapy (HAART) and sustained virological suppression through cost effective regimen (2NRTIs+1NNRTI). At the end of more than 4 years total suspected IF patients are only 73 (2.13%) of which only 49 (1.70%) has actual virological failure; shows the efficacy of the 1st Line ART. Failure to access care and discontinuation of or non-adherence to ART are the most important factors associated with the progression of HIV disease.

Table 1

Parameter	Outcome
Total Patients initiated ART	5847
Total Patients alive on ART at the end of October 2009	2880 (49.25%)
Immunological Failure (IF) patients (n = 3414; Excluding Deaths and Transfer Out)	73(2.13%)
Referred for Plasma Viral Load (PVL)	68 (94.4%)
PVL < 400 copies/ml (A)	19 (28%)
400 - 10,000 copies/ml (B)	06 (8.8%)
>10,000 copies/ml (C)	43 (63.2%)
Total patients failing as per Virological Failure (B+C) (n = 2880)	49 (1.70%)

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* Correspondence: coe.art.ahmedabad@gmail.com
ART center B J Medical College, Ahmedabad, India