

ANTI RETROVIRAL THERAPY CENTRE, M. R. BANGUR HOSPITAL

What is ART Centre?

An A.R.T Centre (Anti-Retroviral Therapy Centre) provides comprehensive care, support & treatment to the PLHIVs (Persons living with HIV/AIDS) under National AIDS Control Programme. It's an outdoor based service.

Introduction of ART Centre, M. R. Bangur Hospital

ART Centre, M. R. Bangur Hospital works under National AIDS Control Programme lunched by National AIDS Control Organization which state body is West Bengal State AIDS Prevention & Control Society of. ART Centre functions under institutional head i.e. The Superintendent, M. R. Bangur Hospital and The Nodal Officer (Head of the Medicine of the institution).

It has started functioning on September, 2009. Since inception it has registered over five thousand patients and currently near twenty nine hundred patients are on active care and getting ART treatment at free of cost.

STAFF DETAILS

- 1) Dr. Amal Kumar Sarkar, Nodal Officer
- 2) Dr. Bappaditya Mondal, Sr. Medical Officer
- 3) Dr. Ananya Moitra, Medical Officer
- 4) Mrs. Chandrabali Dey, Staff Nurse
- 5) Mr. Amit Kumar Bera, Pharmacist
- 6) Mrs. Mousumi Dutta, Counsellor
- 7) Mrs. Paramita Raychaudhuri, Counsellor
- 8) Mrs. Sanchita Chakraborty, Counsellor
- 9) Ms. Sukla Dey, Medical Technologist
- 10) Mr. Chinmoy Naskar, Data Manager
- 11) Mr. Arijit Banerjee, Data Manager
- 12) Mrs. Kavita Malhotra, Care Coordinator

Facilities available at ART Centre, M. R. Bangur Hospital:-

Registration of Patient:- Hassle free easy registration for any HIV positive patient.

Only things patients have to have at time of registration are - HIV test report from ICTC and an OPD ticket which they may obtain from Outdoor ticket counter of the Hospital.

Counselling:- committed counsellors are there to provide counselling on ARV treatment, Proper Nutrition, Positive living, Adherence of medicine, all kind of psychological support.

TB testing:- Each patient does undergo TB screening. If he/she is found to have any symptoms of TB then he/she is referred for CBNAAT (Cartridge based nucleic acid amplification test) test.

Laboratory:- All kind of baseline investigation and CD4 count tests are done dedicated Laboratory Technicians. In addition to that Plasma Viral Load test is done timely.

Medical Treatment:- Identification of WHO clinical staging, Identification of OI and its Management, TB Screening & Management, , Initiation of ART, side effect detection and management, advise for CD4 & PVL, Management of failure cases, Initiation of 2nd line and referral for 3rd line ART, PEP prescription, EID and ANC management, Management of adverse reaction, Referral for Indoor admission for serious patient.

ARV Drug Dispensing:- Within 14 days of registration all patients are put on ARV treatment after necessary baseline investigation and CD4 count and they get ARV medicine as well as medicines for opportunistic infections as prescribed by Medical Officers from **Pharmacy of ART Centre**.

Link ART Centre:- There are four Link ART Centre under M. R. Bangur Hospital ART Centre in Baruiapur SDH, Canning SDH, Diamond Harbour SDH and Kakdwip SDH. For convenience of Patients from those areas, they are referred to those Linked ART Centres for ARV treatment. Patients from Linked ART centre, has to come to M. R. Bangur ART Centre in every six month for CD4 test.

Transfer-In & Transfer Out Facility:- One patient can take “transferred out” facility to any ART Centre across the country or state whenever he/she seeks that facility.

Social Schemes:- Govt. sponsored social scheme facilities are provided for PLHIVs.

Functions of ART Centre, M. R. Bangur Hospital

Functions of ART Centre can be categorized as medical, psychological, social and programmatic as indicated below:-

Medical Functions

- 1) To monitor, manage and follow up registered patients.
- 2) To screen PLHIV for HIV-TB co-infection for early diagnosis of TB and appropriate treatment.
- 3) To diagnose and treat Opportunistic Infections including primary and secondary prophylaxis as per the NACO guidelines.
- 4) To provide baseline investigations, CD4 cell count.
- 5) To initiate ART for all registered PLHIVs after baseline investigation & CD4 cell count as per NACO ART guidelines.

- 6) To provide ART to all PLHIVs and counsel them on 100% adherence to therapy for long term effectiveness of ART.
- 8) To facilitate easy access to specialist care as and when necessary.
- 9) To provide in-patient care as and when necessary.
- 10) Timely test of Plasma Viral Load as per NACO Guideline.
- 10) To refer patients suspected for drug toxicity and/or treatment failure to SACEP for review and initiation of alternative first line or second line ART, if eligible.

Psychological Functions

- 1) To provide psychological support to PLHIV accessing the ART centre.
- 2) To provide counselling to "Pre ART" and "On- ART" patients on regular follow up visits and CD4 testing and Plasma Viral Load testing.
- 3) To provide counselling for adherence to ARV drugs and issues related to toxicity.
- 4) To educate PLHIV on proper nutrition and measures to prevent further transmission of infection.
- 5) To educate patients on sexual health and positive living.
- 6) To advice for risk reduction behavior including usage of condoms.
- 7) Encouraging, educating and counselling to help patients to disclose the HIV results to Spouse/children/family/care giver.

Social Functions

- 1) To facilitate and help PLHIV to access various welfare schemes provided by different ministries/departments of government and accredited social entitlement schemes.
- 2) To facilitate linkages between other Governmental and Non-Governmental Organizations and service providers like CSC, STI, RNTCP, NGOs, etc.

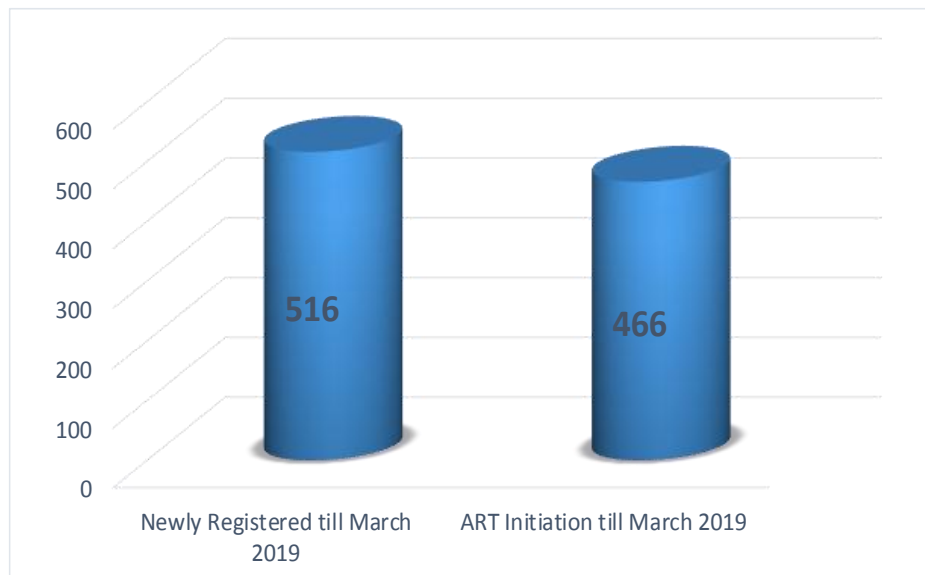
Programmatic functions:-

- 1) To work in close coordination with the ICTCs to ensure that all the patients detected positive at ICTC get registered at the ART centres.
- 2) To assess the HIV status of spouse and children through ICTC and link them to ART services.
- 3) To sensitize the hospital staff on universal work precaution, PEP, ART, medical waste management and other CST services through education and training.
- 7) To work in close coordination with the RNTCP to ensure that all the patients with HIV/TB co infection are registered at the ART centre and started on ART.
- 8) To establish functional linkages with ICTC and ICTC (ANC).
- 9) Participation in operational research, mentoring the LAC (Linked ART Centre) Centre.

Overview of Performance of ART Centre, M. R. Bangur Hospital

- Average number of daily visits of patients at ART Centre → **80-100**
- Total Number of positive patients registered at ART Centre till 31st March 2019 → **5192**
- Total number of Alive on ART patients who are taking ARV medicine from ART Centre till 31st March 2019 → **2808**
- Average number of CD4 tests done monthly → **1000**
- Average number of baseline investigation monthly → **100**
- Number of Plasma Viral Load done in a Month (20 per week, once in a week) → **80**

Newly registered (April 18 to March-19) vs. ART initiation



Overall Breakup of PLHIV started on ART Till March 2019

