



# ST. CAMILLUS MISSION HOSPITAL KARUNGU

## PMTCT PROJECT

*Prevention of Mother To Child Transmission of HIV/AIDS*

PERIOD COVERED      APRIL 2011– DECEMBER 2012

### **BACK GROUND**

St. Camillus Mission Hospital – Karungu has taken several actions to expand and strengthen PMTCT services from the year 2003.

Mode of transmission in children:

- During pregnancy
- During delivery
- Breastfeeding

The highest rate being during delivery and breastfeeding. Other factors that cause transmission of the virus include, mixed feeding, sore nipples/abscesses, mastitis or oral thrush.

### **INTRODUCTION**

The PMTCT project takes place at the maternal child health clinic at St. Camillus Mission Hospital from Monday to Friday.

### **PILLARS OF PMTCT**

1. Prevention of HIV infection to women and safe sex.
2. Prevention of unplanned pregnancies from HIV infected women
3. Care of HIV infected mother and baby i.e. initiation of ARVS, close follow up



*A new born baby and mother*

## **GOALS**

1. Gives an opportunity to improve and expand health services as well as to strengthen the existing health infrastructure.
2. Decreasing risks of behavior for HIV/AIDS
3. Increasing child health survival
4. Ensure all pregnant mothers receive PMTCT services
5. Care and support to women, children and infected and affected by HIV/AIDS.

## **STAFFING**

The MCH clinic consists of a KRCHN and an auxiliary nurse who work together in offering several services i.e child welfare clinic, immunization, postnatal services, cervical cancer screening and health education. They also have increased understanding and acceptance of HIV/AIDS by doing counseling and testing.

## **CAPACITY BUILDING**

MCH staff require integration in order to reach 100% target.

## **INTERVENTIONS**

- Prevention of new infections
- To improve the quality of life of people infected and affected by HIV/AIDS
- Care for positive women before, during and after pregnancy
- Follow up of infected children.

## **ACTIVITIES**

### ***Trainings***

- 5 nurses have been trained on PMTCT with the Kenya RED Cross
- 1 nurse has been trained on PITC by the Catholic Relief Services.

### ***Health education***

Health education in MCH is held daily at the clinic.



### ***Ante-natal care***

#### **Laboratory services**

ANC profile include haemoglobin, blood group, blood slide for MPS, urinalysis and VDRL

NB: the known positive pregnant mothers are given free services through the sponsorship of the AIDS Relief program.

#### **ANC SERVICES:**

Enrolment

Observation taking i.e pulse, respiration and blood pressure monitoring, abdominal palpation.

#### **FREE SERVICES;**

- Free insecticide treated mosquito nets
- Water guard
- Free testing and counseling (HIV & AIDS)

#### **CHALLENGES**

As much as the project is trying to reach the target, challenges are still many:

- Stigma and discrimination issues
- Religion and cultural beliefs – some religions advice their members not to use drugs.
- Mothers delivering at home by Traditional Birth Attendants
- Clients acceptance of the results and ready to start ARVs.

#### **HIV TESTING & COUNSELLING FOR ANC CLIENTS**

| <b>MONTH</b> | <b>ANC TOTAL VISITS</b> | <b>ANC 1<sup>ST</sup> VISIT</b> | <b>1<sup>ST</sup> VISIT COUNSELLED &amp; TESTED</b> | <b>REVISITS COUNSELLED &amp; TESTED</b> | <b>TOTAL WOMEN TESTING HIV +</b> |
|--------------|-------------------------|---------------------------------|---|---|----------------------------------|
| APRIL 11     | 84                      | 26                              | 23  | 1                                       | 3                                |
| MAY 11       | 76                      | 31                              | 26  | 0                                       | 3                                |
| JUNE 11      | 73                      | 30                              | 18  | 0                                       | 2                                |
| JULY 11      | 76                      | 19                              | 19  | 0                                       | 1                                |
| AUGUST 11    | 86                      | 26                              | 23  | 0                                       | 1                                |
| SEPTEMBER 11 | 78                      | 20                              | 14  | 0                                       | 1                                |
| OCTOBER 11   | 54                      | 10                              | 10  | 0                                       | 1                                |
| NOVEMBER 11  | 54                      | 24                              | 12  | 0                                       | 0                                |
| DECEMBER 11  | 63                      | 23                              | 23  | 0                                       | 2                                |
| JANUARY 12   | 66                      | 21                              | 21  | 0                                       | 2                                |
| FEBRUARY 12  | 61                      | 12                              | 12  | 0                                       | 2                                |
| MARCH 12     | 79                      | 23                              | 21  | 0                                       | 3                                |
| APRIL 12     | 69                      | 28                              | 28  | 0                                       | 0                                |
| MAY 12       | 63                      | 22                              | 14  | 0                                       | 1                                |
| JUNE 12      | 61                      | 18                              | 18  | 0                                       | 3                                |
| JULY 12      | 76                      | 19                              | 19  | 4                                       | 1                                |
| AUGUST 12    | 63                      | 18                              | 10  | 1                                       | 0                                |
| SEPTEMBER 12 | 51                      | 18                              | 15  | 0                                       | 0                                |
| OCTOBER 12   | 63                      | 17                              | 20  | 4                                       | 1                                |
| NOVEMBER 12  | 51                      | 15                              | 10  | 5                                       | 1                                |
| DECEMBER 12  | 53                      | 20                              | 15  | 12                                      | 4                                |
| <b>TOTAL</b> | <b>1400</b>             | <b>440</b>                      | <b>371</b>  | <b>27</b>                               | <b>32</b>                        |

**ABBREVIATIONS:**

|        |   |
|--------|---|
| ANC:   | ANTE-NATAL CARE                         |
| ART:   | ANTIRETROVIRAL THERAPY                  |
| ARV:   | ANTIRETROVIRAL                          |
| CCC:   | COMPREHENSIVE CARE CENTRE               |
| CWC:   | CHILDREN WELFARE CLINIC                 |
| HAART: | HIGHLY ACTIVE ANTI-RETROVIRAL THERAPY   |
| HIV:   | HUMAN IMMUNE VIRUS                      |
| MCH:   | MATERNAL CHILD HEALTH                   |
| NGO:   | NON-GOVERNMENTAL ORGANISATION           |
| NHIF:  | NATIONAL HOSPITAL INSURANCE FUND        |
| PCR:   | POLYMEROUS CHAIN REACTION               |
| PMTCT: | PREVENTION MOTHER TO CHILD TRANSMISSION |
| VCT:   | VOLUNTARY COUNSELLING & TESTING         |
| VDRL:  | VENEREAL DISEASE RESEARCH LABORATORY    |