

# Addressing M & E Gaps in integration of SRH and HIV services

*Integration for impact conference*

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## Outline

- Background
- The how
- Results
- Recommendation

## Background

- Integration documented a successful strategy in resource limited settings
- FHOK pioneered integration of HIV and SRH services
- Manual system implemented for data collection; integrated data capture tools
  - Daily activity register
  - Client cards
  - Daily summary tools
  - Monthly summary tools
- Training of service providers on M & E
- Challenges in monitoring and evaluation of integration
  - Index service
  - No. of services accessed per client

## The how

- Clinic Management Information System (CMIS) developed in collaboration with a local company Intersoft Technologies Ltd
- Web based system
- CMIS piloted in 3 FHOK facilities (Nairobi West, Nakuru, Meru) from November 2011-April 2012
- Installation of necessary infrastructure, software, staff training
- Data collection using both electronic and manual daily activity registers over 6 months

## Results

- Over 18,000 clients served and accessed approx. 90,000 services
- CMIS has been able to capture:
  - Index service for each client using a colour code
  - Total services accesses per client
  - Integrated service statistics and associated financial reports
- 34% of clients FP as index service
- 30% of clients VCT as index service
- Cost of client records reduced by over 400%

SmartCare Solution - Windows Internet Explorer

http://192.168.0.96/SmartCare/SmartCareASP/HIMS\_Outpatients/HIMS\_Outpatients\_Workflow/ConsultationHeaderDetail.aspx?state=3

bing

SmartCare Login (2) Suggested Sites Upgrade Your Browser

SmartCare Solution

Application History

**HMIS Ultimate**

- Out-Patients
  - Patient Care
    - Patient Queue
    - Walk-ins
    - Consultation Queue
    - Issue Waivers
    - Appointments
    - Doctor's Diary
    - Admissions Queue
    - Consultations
    - Patients List
  - Nursing
- System Management
- Sales
- Procurements
- Banking
- Stocks Management
- Human Resource
- HMIS Ultimate**
- Statistical Reports

Family Planning Methods SRH (Non FP) Services Medical & Other Services Referrals Prescription Lab Results Patient Info Medical History

**AWARENESS-BASED METHODS**

**CONDOMS**

**EMERGENCY CONTRACEPTION SERVICES**

**FAMILY PLANNING GENERAL COUNSELLING**

**INJECTABLE CONTRACEPTIVES**

**IUD**

**ORAL CONTRACEPTIVES**

**OTHER HORMONAL METHODS**

**SPERMICIDES**

**SUBDERMAL IMPLANTS**

**TYPES OF DIAPHRAGMS / CERVICAL CAPS**

**VOLUNTARY SURGICAL CONTRACEPTION (VSC)**

**CONTRACEPTION - VOLUNTARY SURGICAL CONTRACEPTION (VSC)**

- Contraception - Voluntary Surgical Contraception (VSC) - OTHER

**CONTRACEPTION - FEMALE VOLUNTARY SURGICAL CONTRACEPTION (FVSC)**

- Contraception Surgical - Female VSC - Reversal
- Contraception Surgical - Female VSC - Method Specific Counselling
- Contraception Surgical - Female VSC - Minilaparotomy - Follow up
- Contraception Surgical - Female VSC - Minilaparotomy - Contraceptive Surgery
- Contraception Surgical - Female VSC - Laparoscopy - Follow up
- Contraception Surgical - Female VSC - Laparoscopy - Contraceptive Surgery
- Contraception Surgical - Female VSC - Laparotomy - Follow up
- Contraception Surgical - Female VSC - Laparotomy - Contraceptive Surgery
- Contraception Surgical - Female VSC - OTHER

**CONTRACEPTION - MALE VOLUNTARY SURGICAL CONTRACEPTION (MVSC)**

- Contraception Surgical - Male VSC - Reversal
- Contraception Surgical - Male VSC - Method Specific Counselling

24-Jan-2012 Family Health Options Kenya/NAIROBI WEST CLINIC/Admin SmartCare - 2012

Browser: http://192.168.0.96/SmartCare/SmartCareASP/H SmartCare Solution

Application History

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  - Nursing
  - Medical Reports
  - Billing
  - In-patient
  - Pharmacy
  - Laboratory
    - Lab Processing
- System Management
- Sales
- Procurements
- Banking
- Stocks Management
- Human Resource
- HMIS Ultimate
- Statistical Reports

Family Planning Methods | SRH (Non FP) Services | **Medical & Other Services** | Referrals | Prescription | Lab Results | Patient Info | Medical History

|  |   |
|--|---|
| ABORTION SERVICES                      | <b>HIV/AIDS SERVICES</b>  |
| GYNECOLOGICAL SERVICES                 | <input type="checkbox"/> HIV/AIDS Services - OTHER  |
| <b>HIV/AIDS SERVICES</b>               | <b>HIV/AIDS TREATMENT CONSULTATION</b>  |
| INFERTILITY SERVICES                   | <input checked="" type="checkbox"/> HIV/AIDS Consult - Treatment- Anti Retro Viral (ARV)            |
| OBSTETRICS SERVICES                    | <input checked="" type="checkbox"/> HIV/AIDS Consult - Treatment - Opportunistic Infection (OI)     |
| OTHER SPECIALIZED COUNSELLING SERVICES | <input type="checkbox"/> HIV/AIDS Consult - Treatment - Post Exposure Prophylaxis (PEP)             |
| OTHER SRH MEDICAL SERVICES             | <input checked="" type="checkbox"/> HIV/AIDS Consult - Treatment - Psycho-Social Support            |
| STI/RTI SERVICES                       | <input type="checkbox"/> HIV/AIDS Consult - Treatment - Home Care                                   |
| UROLOGICAL SERVICES                    | <input type="checkbox"/> HIV/AIDS Consult - Treatment - OTHER                                       |
|  | <b>HIV/AIDS SERO STATUS LAB TESTS</b>   |
|  | <input type="checkbox"/> HIV/AIDS Antibody Lab Tests - ELISA (Blood) Test                           |
|  | <input type="checkbox"/> HIV/AIDS Antibody Lab Tests - Western Blot (WB) Assay                      |
|  | <input type="checkbox"/> HIV/AIDS Antibody Lab Tests - Indirect Immunofluorescence Assay (IFA)      |
|  | <input type="checkbox"/> HIV/AIDS Other Lab Tests - Rapid Test (Murex-SUDS)                         |
|  | <input type="checkbox"/> HIV/AIDS Other Sero Status Lab Tests - OTHER                               |
|  | <b>HIV/AIDS LAB TESTS (OTHER)</b>   |
|  | <input type="checkbox"/> HIV/AIDS Other Lab Tests - Urine Test for HIV                              |
|  | <input type="checkbox"/> HIV/AIDS Other Lab Tests - Assessment of Immunologic Function (Viral Load) |
|  | <input type="checkbox"/> HIV/AIDS Other Lab Tests - Assessment of Immunologic Function (CD4 count)  |

20-Mar-2012      Family Health Options Kenya/NAIROBI WEST CLINIC/Admin      SmartCare - 2012

| Patient No. | Date     | Service Provider | Purpose of visit              | Referred from | Status      |
|-------------|----------|------------------|-------------------------------|---------------|-------------|
| FNW/08765   | 7/6/2012 | Service Provider | Antenatal (ANC)-<br>New       |               | Attended to |
| FNW/09765   | 7/6/2012 | Service Provider | Antenatal (ANC)-<br>Revisit   |               | Attended to |
| FNW/08758   | 7/6/2012 | Service Provider | Child welfare clinic<br>(CWC) |               | Attended to |
| FNW/09564   | 7/6/2012 | Service Provider | Curative – New                |               | Attended to |
| FNW/08654   | 7/6/2012 | Service Provider | Family Planning               |               | Attended to |
| FNW/06574   | 7/6/2012 | Service Provider | HIV / AIDS                    |               | Attended to |
| FNW/06754   | 7/6/2012 | Service Provider | Laboratory                    |               | Attended to |



**FAMILY HEALTH OPTIONS KENYA- SERVICES SUMMARY SHEET**

1-Jun-12

**Patient Name -----**
**Services Provided**

|           |                   |  |
|-----------|-------------------|--|
| FNW/08932 | Services accessed | <ul style="list-style-type: none"> <li>- Obstetrics - Ante natal Care - Uterine Monitoring</li> <li>- Obstetrics - Ante natal Care - Fetal Monitoring</li> <li>- Obstetrics - Ante-Natal Lab Tests – ANC profile</li> <li>HIV -HIV counselling and testing</li> <li>- Obstetric Ultrasound Scan</li> </ul>                         |
| FNW/07523 | Services accessed | <ul style="list-style-type: none"> <li>- Contraceptives - POI (3 months) - Initial Consultation</li> <li>- Contraceptives - Condoms - Male Condom - Initial Consultation</li> <li>- Contraception - FP General Counseling -(FP - HIV/AIDS incl. Dual protection)</li> </ul>  |
| FNW/06543 | Services accessed | <ul style="list-style-type: none"> <li>- Contraceptives - Subdermal Implants (Implanon) - Method Specific Counselling</li> <li>- Contraceptives - Subdermal implants ( Implanon) - Initial Consultation/Insertion</li> <li>- Contraception - FP - HIV/AIDS incl. Dual protection</li> <li>- STI screening and treatment</li> </ul> |

## Challenges

- Incomplete data capture at inception
- Cost implications for software development, hard ware and training
- Balance between service delivery and on job training

## Recommendation

- Need to scale up Clinic Management Information System
  - Cost effective
  - Enhances accuracy and completeness of data

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