

**SYNOPSIS OF
IMPLEMENTATION OF THE
HEALTH INFORMATION
SYSTEM (HIS) IN-DEPTH TOOL
FROM THE CSM MANUAL**



**HST CONFERENCE
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1. CONTEXT OF THE INTERVENTION



- ★ **ON JULY 2006 THE CSM CHAMPIONS DECIDED TO ADAPT AND IMPLEMENT AN IN-DEPTH TOOL FOR HIS REVIEW AT ALL PHC FACILITIES**
- ★ **THIS WAS THE FIRST TIME IN THE HISTORY OF THE PROVINCE AND THE COUNTRY THAT SUCH AN EXERCISE WAS UNDERTAKEN.**
- ★ **GP IMPLEMENTED THE USE OF THE DHIS SOFTWARE SINCE 2001**
- ★ **PRIOR TO THIS THERE WERE MORE THAN 1000 INDICATORS COLLECTED AND MOSTLY UNUSED**
- ★ **GAUTENG PURCHASED COMPUTERS AND TRAINED HEALTH INFORMATION OFFICERS BOTH AT DISTRICT AND SUB-DISTRICT LEVEL.**
- ★ **DISTRICTS CONTINUED TO BUILD CAPACITY OF THE STAFF THROUGH DISTRICT TRAINING PROGRAMMES**

HIS IN-DEPTH REVIEW TOOL



- ★ **EVALUATED THE HIS TOOL ON USER FRIENDLINESS AND THE ABILITY TO MONITOR THE PERFORMANCE OF FACILITIES.**
- ★ **THE *OBJECTIVE* WAS TO IDENTIFY AND ADDRESS GAPS BY FORMULATING ACTION PLANS AND TO MONITOR IMPLEMENTATION AT THE FOLLOW UP QUARTERLY CSM REVIEW PER DISTRICT.**
- ★ **THE *EXPECTED OUTCOME* WAS EVALUATION OF USE OF HEALTH INFORMATION AT FACILITY LEVEL ENSURING COMPLIANCE WITH THE DATA FLOW POLICY AND SUBMISSION RATE.**

TOOL CONTENT

- ★ THE MAIN AREAS ON THE TOOL ARE GENERAL, DATA COLLECTION AND COLLATION, DATA PROCESSING, PRESENTATION OF DATA AND FEEDBACK, INTERPRETATION AND USE OF INFORMATION, TRAINING AND SELECTED FACILITY PERFORMANCE REVIEW INDICATORS.
- ★ THE DISTRICT INFORMATION OFFICERS SUMMARIZED THE FINDINGS PER SUB-DISTRICT, PROVIDING A HELICOPTER VIEW OF SUB-DISTRICT.
- ★ THEY INCORPORATED THE FINDINGS INTO THEIR ACTION PLANS FOR THE DISTRICT





2. THE PROCESS

- ★ **ALL SUPERVISORS VISITED PHC FACILITIES WITHIN THEIR DISTRICTS BETWEEN JULY AND SEPTEMBER 2006 AS PART OF THE ROUTINE CLINIC SUPERVISION.**
- ★ **VISITS WERE DONE JOINTLY, PROVINCE AND LOCAL HEALTH STAFF;**
- ★ **AREA MANAGERS AND HEALTH INFORMATION SYSTEM (HIS) COORDINATORS ATTENDED WHEN FEASIBLE**



3. DATA CAPTURING

- * MANAGERS UTILIZED EXCEL SPREADSHEETS INTRODUCED BY TSHWANE FOR THE HIS REVIEWS. THIS MEANT THE DATA FOR ELEMENTS OF THE REVIEW TOOL WERE LISTED PER FACILITY.**
- * THIS ALLOWED CLEAR ANALYSIS AND EASY MONITORING FOR IMPLEMENTATION OF ACTION PLANS WITH GREAT BENEFITS AS THE SPREADSHEET LISTS EACH CLINIC SHOWING CLEARLY WHERE SUPPORT AND INTERVENTION ARE REQUIRED.**

CHECKLIST: INFORMATION SYSTEMS (April 2006)

General



Clinic	Phomolo ng		Gazankul u		Atteridgev ille		Saulsville		Bophelon g	
	yes	no	yes	no	yes	no	yes	no	yes	no
Is there a map of the catchment area displayed (facility / sub-district / district)	1		1		1		1		1	
Is population data displayed per age cohort (facility / sub district / district)	1		1		1		1		1	
Is a list of data elements & definitions accessible to staff	1		1		1		1		1	
Is the data flow policy accessible to staff	1		1		1		1		1	
Have priority health status indicators been identified at the facility / sub-district level	1		1		1		1		1	
Has the facility been visited by District Information Manager in the past 4 months Date:	1		1		1		1		1	

SHARING

- ★ REPRESENTATIVES FROM PROVINCIAL HIS DEPARTMENT ATTENDED 5/6 REVIEW MEETINGS.
- ★ THEY HAD A FIRST HAND EXPERIENCE OF THE CHALLENGES FACED AT A PHC FACILITY LEVEL AND DISTRICT.
- ★ THE EXPOSURE AND INFORMATION INFLUENCED THE DEPARTMENT POSITIVELY TO ADAPT AND PRIORITISE THE EXPRESSED NEEDS OF THE DISTRICT.
- ★ PRESENTATIONS AND ACTION PLANS WERE SHARED AFTER THE REVIEW MEETINGS WITH THE REPRESENTATIVE FROM THE DIRECTORATE.





ACTION PLANS INDEPTH REVIEW DHIS

GAPS	OBJECTIVES	ACTION	RESPONSIBLE PERSON	TIME FRAME
<ul style="list-style-type: none">• Data not discussed at facilities and not recorded	<p>To put DHIS as agenda items at monthly facility meetings</p> <p>Ensure all facilities discuss and record</p> <p>.Staff training on DHIS</p>	<p>Discuss and record data issues</p>	<p>Area Manager</p> <p>Facility Manager</p>	<p>End August</p>
<ul style="list-style-type: none">• No feedback by district information officer	<p>To provide feedback to facilities</p>	<p>District information officer to provide feedback to clinics</p>	<p>AD</p> <p>DHIS</p>	<p>October 2006</p>
<ul style="list-style-type: none">• No training for DHIS	<p>To ensure 50% of prof. nurse are trained in DHIS</p>	<p>Plan and organize training sessions for personnel</p>	<p>DHIS AD</p> <p>Staff development department</p>	<p>March 2007</p>

THE MAIN TRENDS ACROSS THE DISTRICTS



- ★ DATA STILL COLLATED MANUALLY AT MOST OF THE FACILITIES
- ★ CLERKS NOT AVAILABLE AT ALL FACILITIES
- ★ ON AVERAGE 5-10% OF CLINICS HAVE COMPUTERS
- ★ STAFF TRAINING ON THE DHIS FOUNDATION COURSE NEEDS TO BE PLANNED IMPLEMENTED, MONITORED AND BUDGETED FOR IN ALL DISTRICTS. THIS IS INCLUSIVE OF ROTATIONAL AND NEW STAFF

THE MAIN TRENDS ACROSS THE DISTRICTS (2)



- ★ ALL CLINICS TO HAVE AN EDS FILE OR SECTION.
- ★ AN INDEX PAGE FOR THE EDS(MDS) FILE WAS DESIGNED TO ENSURE CONSISTENCY AT ALL FACILITIES INCLUDING, *DATA FLOW POLICY, DATA ELEMENTS AND DEFINITION, INDICATORS AND DEFINITIONS, VALIDATION RULES, A SECTION FOR MASTER COPIES OF MONTHLY SUMMARIES AS WELL AS FEEDBACK*

HEALTH INFORMATION FOCUS



- ★ **DIO TO VISIT FACILITIES WITHIN THE DISTRICT AT LEAST QUARTERLY**
- ★ **DIO TO ATTEND AND USE QUARTERLY CSM REVIEW MEETINGS FOR SHARING AND GIVING FEEDBACK TO SUPERVISORS AND DISTRICT**
- ★ **FACILITY MEETINGS TO HAVE A STANDING ITEM ON THE AGENDA TO DISCUSS INFORMATION / GRAPHS / TRENDS**

CONCLUSION

- ★ **THE IN-DEPTH ADAPTED HIS TOOL IMPLEMENTED AT ALL PHC FACILITIES (JULY-SEPTEMBER 2006) WAS THE FIRST COMPREHENSIVE AUDIT OF THE STATUS OF HEALTH INFORMATION SYSTEMS IN THE PROVINCE.**
- ★ **IT WAS REPORTED TO BE CONCISE, USER FRIENDLY AND QUICK TO APPLY.**
- ★ **THE FINDINGS AND CORRECTIVE ACTION PLANS HAVE RAISED AWARENESS ABOUT THE CULTURE OF INFORMATION AT A FACILITY LEVEL AS WELL AS PROVIDING A BASELINE FOR THE PROVINCE AND DISTRICTS TO INFORM THE PROGRAMME (HIS) OPERATIONAL AND DISTRICTS PLAN.**
- ★ **THE FINDINGS SUPPORT THE ALLOCATION OF RESOURCES FOR THE IMPROVEMENT OF THE PROGRAMME IN LINE WITH THE PROVINCIAL STRATEGIC OBJECTIVES.**



THANK YOU

