

Result of experimental survey of reproductive health facilities in Nghe An province

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2008

1. Executive summary

The research is an experimental survey on the JICA reproductive health project in Nghe An province, Viet Nam. Research question is: what is the result of the efforts to invest in reproductive health facilities in Nghe An province, Viet Nam? The result of the survey shows that the situation of facilities in 2005 is better than the situation of facilities in 2001. The project has good impact on reproductive health situation in Nghe An province.

2. Introduction

We provide background understanding of the JICA reproductive health project, where the experimental survey was conducted.

Nghe An province locates in the north of Vietnam, about 300 km from Hanoi with the capital of Vinh City. The area of the province is 16,487 km² and the population is about 3 million, living in about 600000 households. The territory includes mountains, plains, and costal lines. It is mainly agricultural province with 17 districts combining 466 communes. Main agricultural products are rice, potato, peanuts, oranges, etc. The Reproductive Health Project is the first Japan's GO-NGO partnership project in Vietnam, handled by JOICFP – a Japan based international NGO on population and RH and JICA. Phase 1 is from 1996 to 2000. Phase 2 is from 2000 to 2005.

Phase 1 is completed successfully. The project purpose is to improve the reproductive health status of women in reproductive age with special focus on commune women in Nghe An province. Project are consists of 244 (among 264) communes of 8 (among 19 districts of Nghe An province). It is indicated in the PDM that: initial JICA's commitment to the reform is 940,000USD. The ODA fund includes 1. Experts: Long term including Chief Advisor, Coordinator, Nurse/Midwife; Short term including reproductive health expert, health service management, IEC, etc; 2. Equipment: yen 60~90million/ 3 years (approximately US\$500,000~US\$800,000/ 3 years); 3. Training: Counterpart training in Japan 7~9 for three years, local training yen 15million for three years (approximately US\$130,000~140,000 for three years). Total estimation written in PDM is approximately US\$ 1,670,000.

Phase 2 extends to all 19 districts of Nghe An province with a similar input of about 2million USD. Main achievements of the project can be summarized as follow: 1. Steering committee at all levels are established and functioned regularly and continuously. 2. Safe and hygienic delivery is promoted at commune level including: prenatal care at commune level is improved; delivery care at commune level is improved; postnatal care at commune level is improved; essential medical equipment is utilized at commune health centers; four facilities of CHC (delivery room, latrine, well and shower room) are improved. 3. Monitoring capacity of MCH/FP centre and the selected district health centers is improved. 4. Number of abortion conducted at MCH/FP center and the selected districts is reduced. 5. Capacity for RTI detection and the development of prevention strategy is improved at MCH/FP centre. 6. Quality of IEC of MCH/FP centre and the selected districts, women union and district health centers, particularly, for reproductive health promotion is improved. 7. Quality of HMIS at provincial health service, MCH/FP Centre and the selected districts is improved.

JICA team conducted the monitoring and evaluation work, in which the author was a member. The Population Council, particularly, Doctor Nhan and Doctor Mai designed the reproductive health

survey in Nghe An province. In 2001 the baseline survey on the reproductive health services provided by the public sector in Nghe An province was conducted. The products of this survey included the raw data 2001, the database 2001 and the report “Baseline survey on the reproductive health services provided by the public sector in Nghe An province” of Doctor Vu Quy Nhan, Doctor Le Thi Phuong Mai, and Nguyen Thi Thom. The result of the survey was much utilized by the project managers to improve the performance of the project. In 2005 the final survey was conducted in the same project area and the same variables. The purpose was to observe the quality of reproductive health services in the reproductive health facilities. The variables were taken from the output design of the project and were utilized to fill the completion report in all items of the project framework: goal, objective, output, activities, and verifiable indicators.

3. Objective of the experimental survey

It is to evaluate if there is improvement in reproductive health care services based on the observation at facilities from 2001 to 2005.

4. Methodology of the experimental survey

To evaluate the impact of projects, experimental survey method is used to compare the situation of the targeted area at different time of the project, particularly in this project, in 2001 and in 2005.

The structured interview (facility inventory) was designed with the following questions, which became variables in the analysis. There are some changes in variable arrangement in 2001 and 2005 and there are some variables, which show no improvement when we do in practice. Those variables appeared in the design but not here, in the report. The selected variables, which show the evidence of the improvement of the indicators, are listed here.

PERCENTAGE FACILITES, WHICH HAVE A SIGN OR POSTER ADVERTISING THE AVAILABILITY OF SERVICES

PERCENTAGE FACILITES, WHICH HAVE SPECIALTIES INCLUDED IN SIGNBOARD?
OBSTETRIC/ GYN, MIDWIFERY

PERCENTAGE FACILITES, WHICH HAVE WAITING SEATS FOR CLIENTS: NONE; YES, NOT ENOUGH; YES, ENOUGH

PERCENTAGE FACILITES, WHICH HAVE WORKING TOILET/LATRINE AVAILABLE FOR CLIENTS: YES, USING; YES, NOT USE; NO

PERCENTAGE FACILITES, WHICH HAVE DESIGNED AREA FOR EXAMINATION

PERCENTAGE FACILITES, WHICH HAVE DESIGNED AREA FOR COUNSELING

PERCENTAGE FACILITES, WHICH HAVE PRIVACY AREA WHERE PEOPLE CANNOT SEE FOR: EXAMINATION, COUNSELING

PERCENTAGE FACILITES, WHICH HAVE PRIVACY AREA WHERE PEOPLE CAN NOT HEAR FOR: EXAMINATION, COUNSELING

PERCENTAGE FACILITES, WHICH HAVE CLEAN EXAMINATION AREA

PERCENTAGE FACILITES, WHICH HAVE AN ADEQUATE SOURCE OF LIGHT IN THE EXAMINATION AREA (“SOURCE” IS ANY SOURCE OF LIGHT)

PERCENTAGE FACILITES, WHICH HAVE AN ADEQUATE AMOUNT OF SAFE WATER AVAILABLE IN THE EXAMINATION AREA

PERCENTAGE FACILITIES, WHICH HAVE RECOVERY ROOM

PERCENTAGE FACILITIES, WHICH HAVE CLEAN RECOVERY ROOM
DELIVERY ROOM

PERCENTAGE FACILITIES, WHICH IS WELL – VENTILATED

PERCENTAGE FACILITIES, WHICH HAVE NO DIRT COMING THROUGH; THE WINDOW
HAVE A SCREEN/CURTAIN; THE CEILING LAMPS WORK; THE SPOT LIGHTS WORK;
LAMP/LANTERN TO USE WHEN THE CURRENT IS OUT

PERCENTAGE FACILITIES, WHICH HAVE A CONTAINER OF ALREADY BOILED WATER; A
CONTAINER OF ALREADY BOILED WATER WITH A WOODEN HAND LONGER THAN
20CM; THE CLEAN FLOOR; A CABINET FOR EQUIPMENT

PERCENTAGE FACILITIES, WHICH HAVE OXYTOCIN OR ERGOMETRIN; A KIT FOR
NEONATE RESUSCITATION (CATHETER WITH 4-5 MM IN DIAMETER 20 ML BULB
SERINGE FOR SUCTIONING INFANT, STERILE COMPRESSES, TWO RESUSCITATING
BALLOON; RESUSCITATION BOX IS STORED IN A SEPARATE STERILE TRAY; CLEAN,
STERILE CLOTH FOR COVERING INSTRUMENT; BOILED SOAP IN CLOSED BOX; USED
WATER IS DRAINED INTO A CLOSED TANK OUTSIDE LABOR ROOM;

PERCENTAGE OF DELIVERY ROOM FLOOR, PAVED WITH GLAZED BRICK;

PERCENTAGE OF DELIVERY ROOM WALL, COATED WITH WHITE- WASH AND PAVED
WITH GLAZED BRICK AT 1.2 M HIGH

PERCENTAGE OF DELIVERY ROOM CEILING, WHICH HAS NO CEILING, OR ONLY BRICK
ROOF; CEILING MADE OF BAMBOOMAT/PLYWOOD/RAIN PROOF CLOTH; OR CEMENT
CEILING

WHAT IS IEC MATERIAL AVAILABLE IN THIS FACILITY? (OBS)

PERCENTAGE OF FACILITIES WITH MATERIAL ON ANTENATAL CARE/DELIVERY

PERCENTAGE OF FACILITIES WITH MATERIAL ON POST-PARTUM CARE

PERCENTAGE OF FACILITIES WITH MATERIAL ON FAMILY PLANNING

PERCENTAGE OF FACILITIES WITH MATERIAL ON BREASTFEEDING

PERCENTAGE OF FACILITIES WITH MATERIAL ON CHILDWELFARE (IMMUNIZATION,
CHILD GROWTH MONITORING)

PERCENTAGE OF FACILITIES WITH MATERIAL ON MOTHER NUTRITION

PERCENTAGE OF FACILITIES WITH MATERIAL ON RTI/STD PREVENTION

PERCENTAGE OF FACILITIES WITH MATERIAL ON AIDS PREVENTION

PERCENTAGE OF FACILITIES WITH SUFFICIENT AMOUNT OF IEC MATERIAL

PERCENTAGE OF FACILITIES, IN WHICH TELEPHONE SERVICE IS AVAIL ABLE IN THE
FACILITY

PERCENTAGE OF FACILITIES, IN WHICH ELECTRICITY POWER FREQUENTLY
AVAILABLE IN THE FACILITY

PERCENTAGE OF FACILITIES, IN WHICH THE PRIMARY SOURCE OF WATER IN THE
FACILITY IS PIPED; OR DEEP WELL; OR SHALLOW WELL; OR RAIN COLLECTION; OR
RIVER/ CANAL/ POND

WHICH LAB TESTS DO YOU PERFORM HERE OR REFER?

PERCENTAGE OF FACILITIES, IN WHICH VAGINAL DISCHARGE SMEAR (WET MOUNT) IS OFFERED

PERCENTAGE OF FACILITIES, IN WHICH GRAM STAIN IS OFFERED

PERCENTAGE OF FACILITIES, IN WHICH PREGNANCY TEST IS OFFERED

PERCENTAGE OF FACILITIES, IN WHICH COMMON BLOOD TESTS IS OFFERED

PERCENTAGE OF FACILITIES, IN WHICH URINE ANALYSIS IS OFFERED

WHICH MEDICINE IS AVAILABLE

For **Treatment of toxemia eclampsia**

PERCENTAGE OF FACILITIES, IN WHICH THERE IS DIAZEPAM; MAGNESIUM SULFATE; DOPEGYT; HYPOTHIAZID

For Pain relief/killer

PERCENTAGE OF FACILITIES, IN WHICH THERE IS LIDOCAIN/XYLOCAIN; PARACETAMOL

For **Anti-spasmodique**

PERCENTAGE OF FACILITIES, IN WHICH THERE IS SPASMAVERINE, PAPAVERIN

For allergia and shock treatment

PERCENTAGE OF FACILITIES, IN WHICH THERE IS EPINEPHRIN/ADRENALINE; PROMETHAZINE

PERCENTAGE OF FACILITIES, IN WHICH THERE IS **Tetanic Toxoid; Agryol – eye drop; NitratAg – eye drop, Anti-biotics**

For Infusion solutions

PERCENTAGE OF FACILITIES, IN WHICH THERE IS CLORUA NATRI 9‰; GLUCOZA

For Anti-fungal

PERCENTAGE OF FACILITIES, IN WHICH THERE IS NYSTATIN; CLOTRIMAZOLE

PERCENTAGE OF FACILITIES, IN WHICH THERE IS OXYTOCIN

SITUATION OF REPRODUCTIVE HEALTH FACILITIES:

PERCENTAGE OF FACILITIES, IN WHICH THERE ARE FOLLOWING EQUIPMENT:

STETHOSCOPE; OBSTETRICAL STETHOSCOPE; (TAPE METER) MEASURING TAPE; PELVIC METER; DISPOSAL SYRINGE; RE-USABLE SYRINGE; DISPOSABLE GLOVES; RE-USABLE GLOVES; SCALE FOR CHILDREN; SCALE FOR ADULTS; BLOOD PRESSURE GAUGE; KAMAN SYRINGE; DOPPLER FOR FETAL HEART RATE; DELIVERY KIT; GYNECOLOGIC EXAMINATION SET; Fooc xep; IUD KIT; MR KIT; DOUBLE VALVE KAMAN SYRINGE FOR LATER ABORTION; ABORTION KIT; EPISOTOMY KIT; CESAREAN SECTION KIT; STERILIZED BOILING INSTRUMENT TYPE; AUTOCLAVE; DRY HEAT STERILIZER; LAMP FOR OPERATION; SPOT LIGHT LAMP; VACCUM ASPIRATOR (ELECTRIC); X-RAY MACHINE; MACHINE FOR ANESTHESIA; CATHETER FOR SUCTIONING BABY; AMBOU BALLOON; STERILE THREAD FOR UMBILICAL CORD; TRAY FOR EQUIPMENT; DRUM FOR COTTON AND COMPRESS; CONTAINER FOR MEDICAL INSTRUMENTS; INCUBATOR FOR NEW BORN; DELIVERY TABLE; GYNECOLOGICAL EXAM TABLE; OPERATING TABLE

PERCENTAGE OF FACILITIES, IN WHICH THERE IS FREQUENT MEANS SUCH AS CLEAN DELIVERY PACK (KIT); IRON TABLET (BOTTLE, TABLET)

PERCENTAGE OF FACILITIES, IN WHICH THE LOG BOOK IS WELL ORDERED; PARTIALLY ORDERED, STILL USABLE; DISORDERED, NOT USABLE

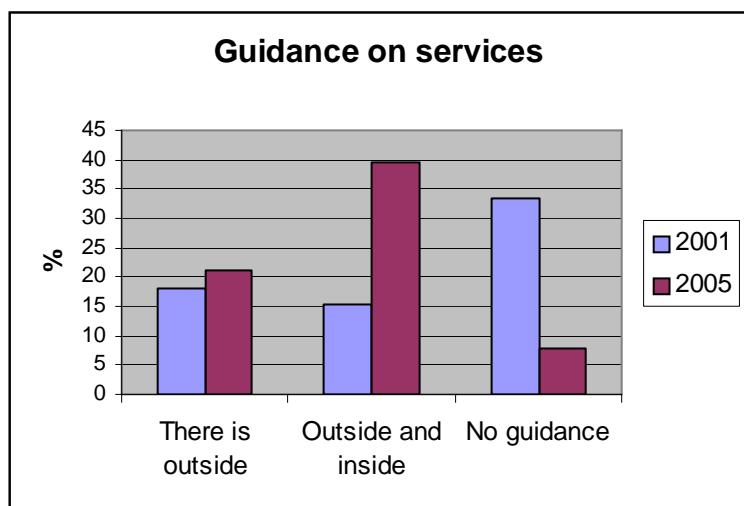
5. Analysis result of the experimental survey on reproductive health in Nghe An province

The comparison shows that 2005 performance is better than 2001 performance

5.1. There is guidance table on services in facility

In 2001 only 18.2% of total facilities had guidance table on services in facility outside the facilities while in 2005, 21.1% of total facilities had that. Percentage of facilities that had poster or sign to advertise the services both outside and inside the facilities in 2001 was only 15.2% while this rate was 39.5% in 2005. In contrast, percentage of facilities, which had no guidance on services in 2001 was 33.3% while this rate was as low as 7.9% in 2005. The guidance in 2005 became better than the guidance in 2001.

Chart: Guidance on services



Source: Author made

Table: Guidance on facilities

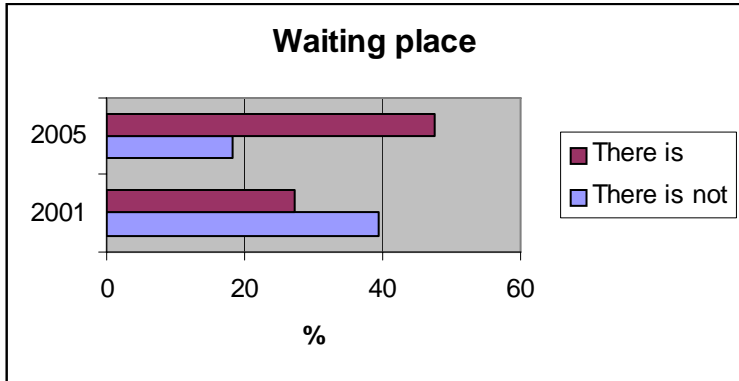
Code 2001	Code 2005	Indicator	2001 (%)	2005 (%)
C09a	C051	There is outside	18.2	21.1
C09b	C052	There is outside and inside	15.2	39.5
C09c	C053	There is no guidance	33.3	7.9

Source: Author made

5.2. There is waiting place

The rate of facilities without waiting place in 2001 is higher than that rate in 2005 while the rate of facilities with waiting place in 2001 is lower than that rate in 2005. 39.4% of facilities in 2001 have no waiting place for clients while 18.4% of facilities in 2005 do not have waiting place for clients. In contrast, in 2005, 47.4% of facilities have waiting place while in 2001, 27.3% of facilities have waiting place for clients.

Chart: Waiting place



Source: Author made

Table: Waiting place

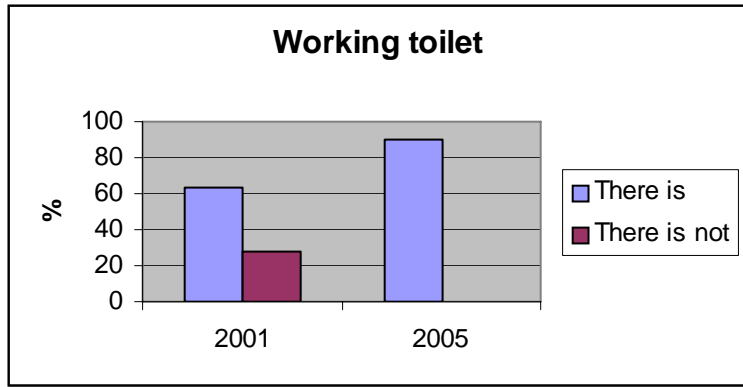
Code 2001	Code 2005		2001	2005
C111	C071	There is no place	39.4	18.4
C112	C072	Not enough	33.3	34.2
C113	C073	There is waiting place	27.3	47.4

Source: Author made

5.3. There is usable toilet

The situation of working toilet is better in 2005. Percentage of facilities with working toilet is 89.5% in 2005 while percentage of facilities with working toilet is 63.6% in 2001. Percentage of facilities without working toilet is 0% in 2005 while percentage of facilities without working toilet is 27.3% in 2001.

Chart: Usable toilet



Source: Author made

Table: Working toilet

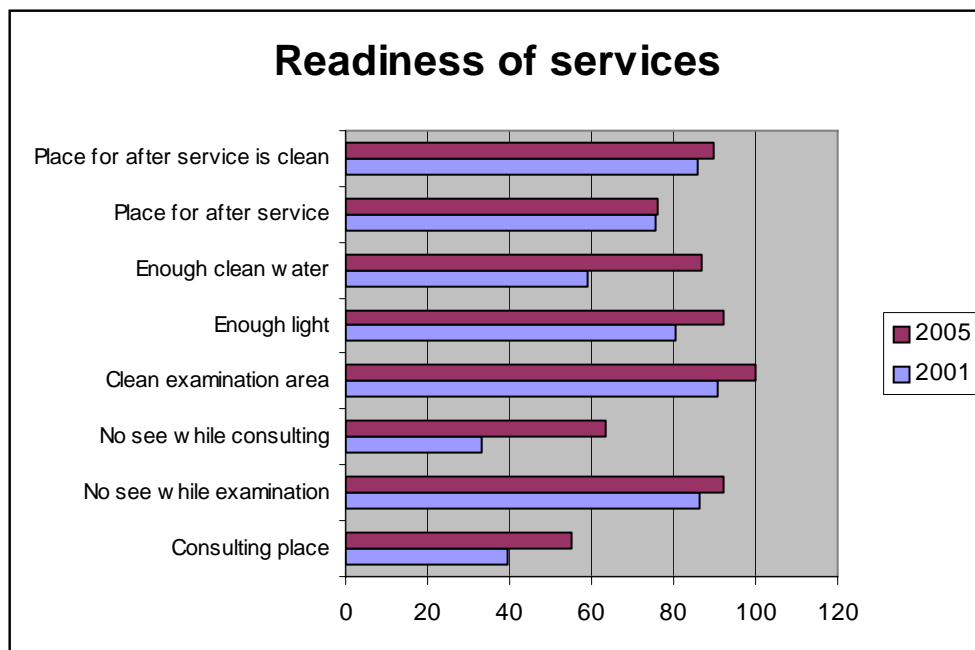
Code 2001	Code 2005		2001	2005
C121	C081	There is toilet	63.6	89.5
C122	C082	Toilet is locked	9.1	10.5
C123	C083	No	27.3	0

Source: Author made

5.4. There is private place for consulting

Readiness of services in 2005 is better than that in 2001. Percentage of facilities, which have private place for consulting is 55.3% in 2005 while percentage of facilities, which have private place for consulting is lower, 39.4% in 2001. Percentage of facilities, in which other people cannot see when examination takes place is 86.4% in 2001 while this rate is higher, 92.1% in 2005. Percentage of facilities, in which other people cannot see while consulting is 33.3% in 2001 while this rate is higher, 63.2% in 2005. Percentage of facilities with clean examination area is 90.9% in 2001 while this rate is higher, 100% in 2005. Percentage of facilities with enough light is 80.3% in 2001 while this rate is higher, 92.1% in 2005. Percentage of facilities with enough clean water in examination area is 59.1% in 2001 while this rate is higher, 86.8% in 2005. Percentage of facilities, in which there is place for after service is 75.8% in 2001 while this rate is higher, 76.3% in 2005. Percentage of facilities, in which place for after service is 86.0% in 2001 while this rate is higher, 89.7% in 2005. All indicators are higher in 2005.

Chart: Readiness of services



Source: Author made

Table: Readiness of services

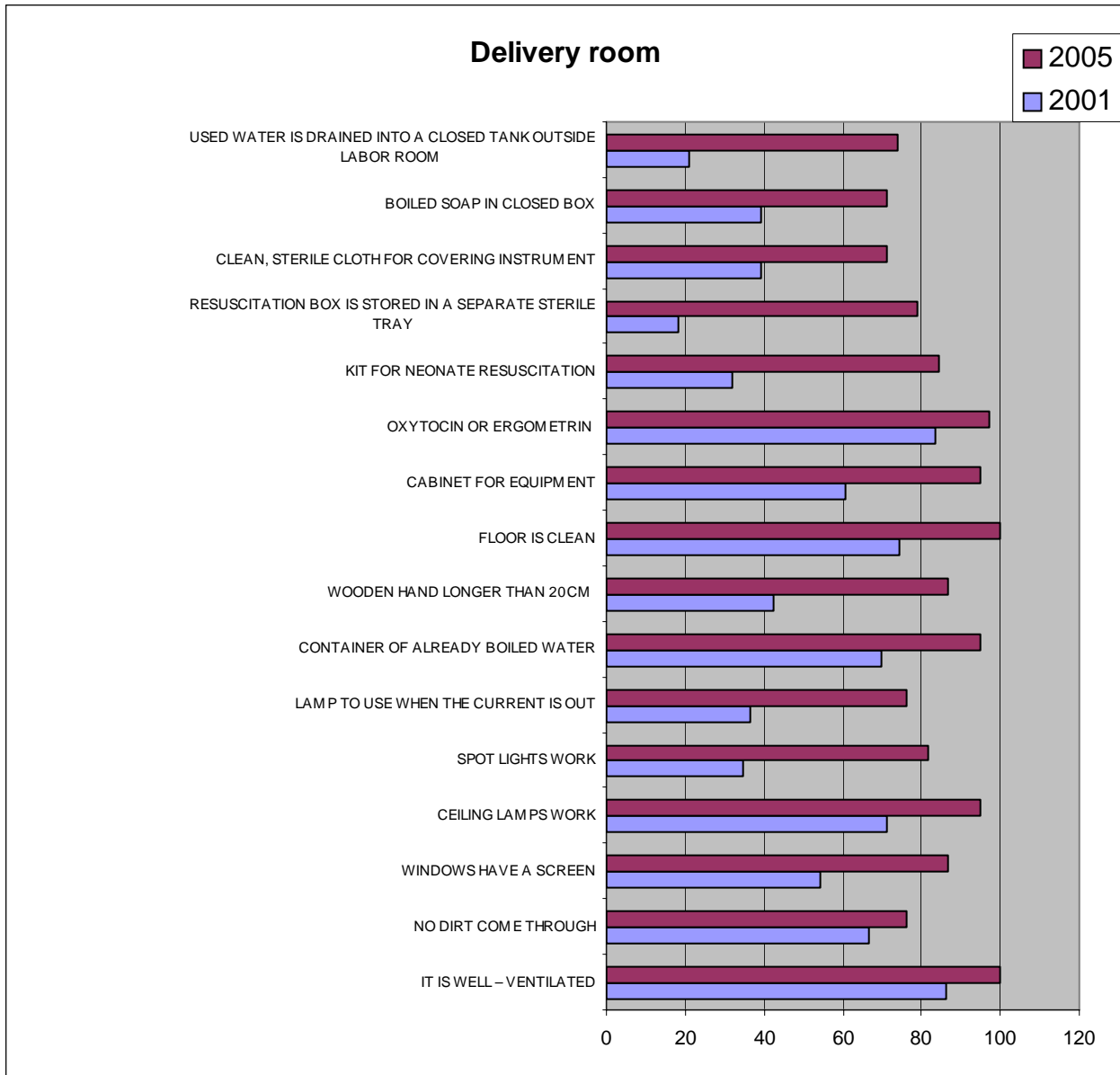
Code 2001	Code 2005		2001	2005
C14	C12	Private place for consulting	39.4	55.3
C15a	C131	Other people cannot see while examination	86.4	92.1
C15b	C1322	Other people cannot see while consulting	33.3	63.2
C17	C15	Clean examination area	90.9	100
C18	C16	Enough light	80.3	92.1
C19	C17	Enough clean water in examination area	59.1	86.8
C20	C18	There is place for after service	75.8	76.3
C21	C19	Place for after service is clean	86.0	89.7

5.5. The situation of delivery room

Observation at delivery room tells us that the readiness of reproductive health services has improved from 2001 to 2005. 100% of facilities are well ventilated in 2005 while this rate is lower, 86.4% in 2001. 76.3% of facilities have no dirt coming through in 2005 while this rate is 66.7% in 2001. Percentage of facilities, in which windows have a screen or curtain is 86.8% in 2005 while this rate is lower in 2001, 54.5%. 94.7% of facilities have working ceiling lamp in 2005 while only 71.2% of facilities have that in 2001. Percentage of facilities having working spot lights is 81.6% in 2005 while this rate is only 34.8% in 2001. 76.3% of facilities have lamp or lantern to use when the current is out in 2005 while only 36.4% of facilities have that in 2001. Percentage of facilities having a container of already boiled water is 94.7% in 2005 while this rate is 69.7 in 2001. Percentage of facilities with a container of already boiled water with a wooden hand longer than 20 cm is 86.8% in

2005 while this rate is 42.4% in 2001. 100% of facilities have clean floor in 2005 while only 74.2% of facilities have clean floor in 2001. percentage of facilities, having a cabinet for equipment is 94.7% in 2005 while this rate is 60.6% in 2001. 97.4% of facilities have oxytocin or ergometrin in 2005 while this rate is 83.3% in 2001. Percentage of facilities having a kit for neonate resuscitation (catheter with 4-5mm in diameter 20 ml bulb syringe for suctioning infant, sterile compresses, two resuscitating balloon) is 84.2% in 2005 while this rate is 31.8% in 2001. 78.9% of facilities store resuscitation box in a separate sterile tray while only 18.2% of facilities do that in 2001. Percentage of facilities having clean, sterile cloth for covering instrument is 71.1% in 2005 while this rate is 39.4% in 2001. 71.1% of facilities store boiled soap in closed box while only 39.4% of facilities do that in 2001. Percentage of facilities, in which used water is drained into a closed tank outside labor room is 73.7 in 2005 while this rate is only 21.2% in 2001.

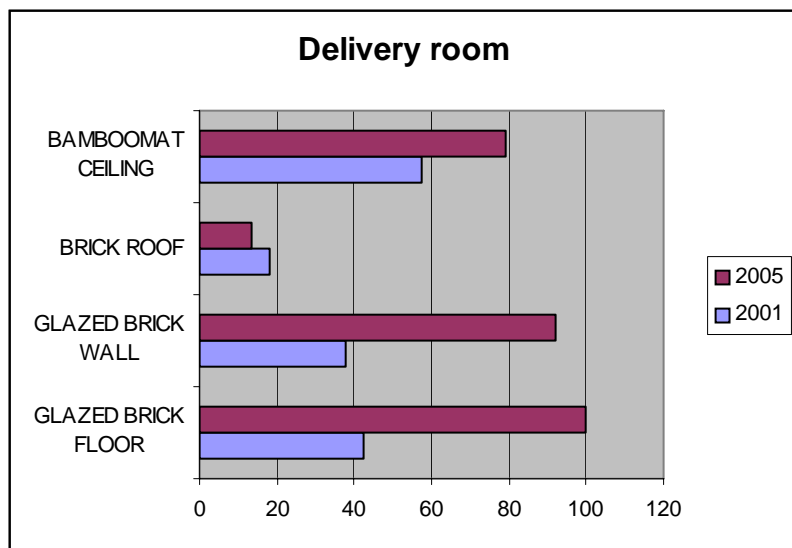
Chart: Delivery room



Source: Author made

Observing delivery room’s floor or wall or ceiling we can see the better situation in 2005. 100% of facilities having delivery room floor paved with glazed brick in 2005 while this rate is only 42.4% in 2001. Percentage of facilities with delivery room wall paved with glazed brick at 1.2m high is 92.1% in 2005 while this rate is 37.9% in 2001. 18.2% of facilities have no ceiling, only brick roof in 2001 while this rate reduces at 13.2% in 2005. In contrast, percentage of facilities with delivery room ceiling, made of bamboo, plywood or rain proof cloth is as high as 78.9% in 2005 while this rate in lower, 57.6% in 2001.

Chart: Delivery room



Source: Author made

Table: Delivery room

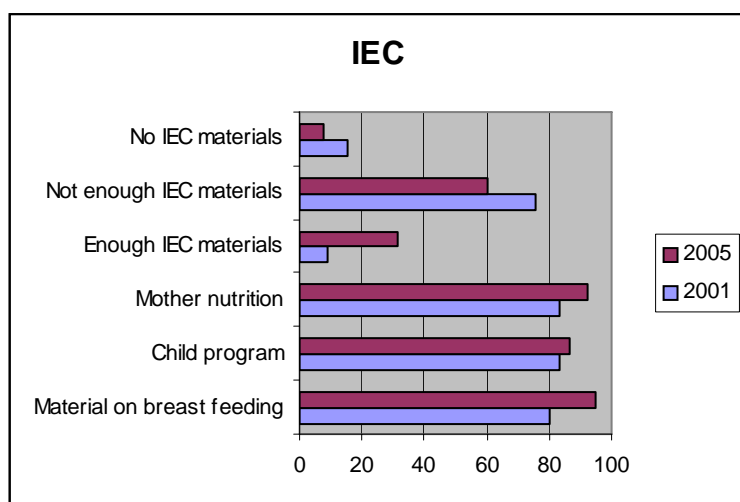
Code 2001	Code 2005	DELIVERY ROOM	2001	2005
C22	C20			
a)	1	IT IS WELL – VENTILATED	86.4	100
b)	2	NO DIRT COME THROUGH	66.7	76.3
c)	3	WINDOWS HAVE A SCREEN/CURTAIN	54.5	86.8
d)	4	CEILING LAMPS WORK	71.2	94.7
e)	5	SPOT LIGHTS WORK	34.8	81.6
f)	6	THERE IS LAMP/LANTERN TO USE WHEN THE CURRENT IS OUT	36.4	76.3
g)	7	THERE IS A CONTAINER OF ALREADY BOILED WATER	69.7	94.7
h)	8	THERE IS A CONTAINER OF ALREADY BOILED WATER WITH A WOODEN HAND LONGER THAN 20CM	42.4	86.8
i)	9	THE FLOOR IS CLEAN	74.2	100
j)	10	THERE IS A CABINET FOR EQUIPMENT	60.6	94.7
k)	11	THERE IS OXYTOCIN OR ERGOMETRIN	83.3	97.4
l)	12	THERE IS A KIT FOR NEONATE RESUSCITATION (CATHETER WITH 4-5 MM IN DIAMETER 20 ML BULB SERINGE FOR SUCTIONING INFANT, STERILE	31.8	84.2

		COMPRESSES, TWO RESUSCITATING BALLOON		
m)	13	RESUSCITATION BOX IS STORED IN A SEPARATE STERILE TRAY	18.2	78.9
n)	14	CLEAN, STERILE CLOTH FOR COVERING INSTRUMENT	39.4	71.1
o)	15	BOILED SOAP IN CLOSED BOX	39.4	71.1
p)	16	USED WATER IS DRAINED INTO A CLOSED TANK OUTSIDE LABOR ROOM	21.2	73.7
C23	C21	DELIVERY ROOM FLOOR PAVED WITH GLAZED BRICK	42.4	100
C24	C22	DELIVERY ROOM WALL PAVED WITH GLAZED BRICK AT 1.2 M HIGH	37.9	92.1
C25a	C231	DELIVERY ROOM CEILING NO CEILING, ONLY BRICK ROOF	18.2	13.2
C25b	C232	DELIVERY ROOM CEILING MADE OF BAMBOOMAT/PLYWOOD/RAIN PROOF CLOTH	57.6	78.9

5.6. IEC

Observation at IEC materials also shows that quality of reproductive health services in 2005 is better than that in 2001. 94.7% of facilities have materials on breast feeding in 2005 while this rate is 80.3% in 2001. Percentage of facilities having IEC material on child program is 86.8% in 2005 while this rate is 83.3% in 2001. 92.1% of facilities have IEC material on mother nutrition while this rate is 83.3% in 2001. Percentage of facilities having enough IEC materials is 31.6% in 2005 while this rate is 9.1% in 2001. 60.5% of facilities do not have enough IEC materials in 2005 while this rate is higher, 75.8% in 2001. Percentage of facilities without any IEC materials reduces from 15.2% in 2001 to 7.9% in 2005.

Chart: IEC materials



Source: Author made

Table: IEC

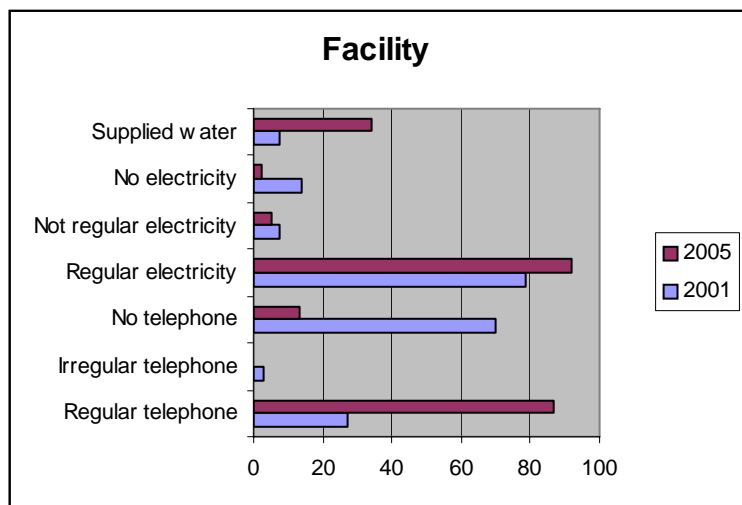
D27d	D254	Material on breast feeding	80.3	94.7
D27e	D255	Child program	83.3	86.8
D27f	D256	Mother nutrition	83.3	92.1
D29a	D271	Enough IEC materials	9.1	31.6
D29b	D272	Not enough IEC materials	75.8	60.5
D29c	D293	No IEC materials	15.2	7.9

5.7. Facility situation

Observation at inside facility we see a better readiness of reproductive health services in 2005. 86.8% of facilities have regularly operating telephone in 2005 while this rate is only 27.3% in 2001. The rate of facilities with telephone that does not operate regularly reduces from 3% in 2001 to 0% in 2005. The percentage of facilities without telephone reduces from 69.7% in 2001 to 13.2% in 2005. In contrast, the percentage of facilities with regular electricity increases from 78.8% in 2001 to 92.1% in 2005. And the rate of facilities with irregular electricity reduces from 7.6% in 2001 to 5.3% in 2005, and the rate of facilities without any electricity reduces from 13.6% in 2001 to 2.6% in 2005.

Percentage of facilities with supplied water is 34.2% in 2005 while this rate is 7.6% in 2001. Percentage of facilities with water from pumped well is 23.7% in 2005 while this rate is 12.1% in 2001. In contrast, percentage of facilities with water from natural well reduces from 47.0% in 2001 to 21.1% in 2005, and percentage of facilities with water from rain reduces from 25.8% in 2001 to 7.9% in 2005.

Chart: Facility



Source: Author made

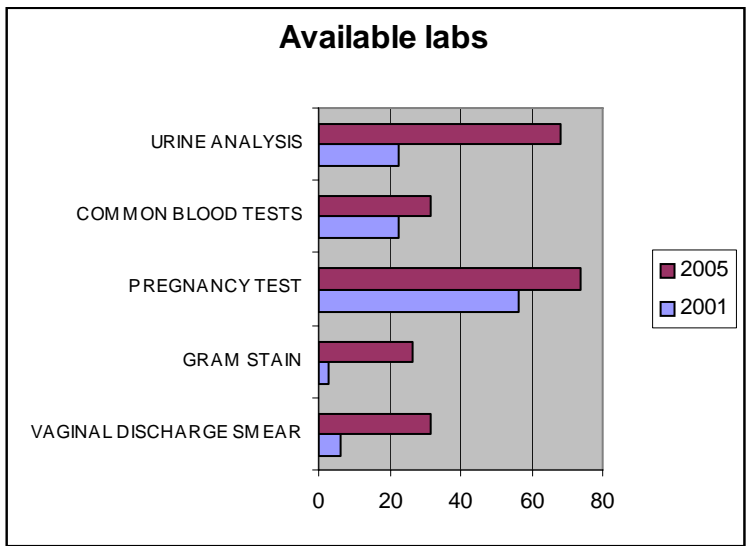
Table: Facility

D30aa	D281	Telephone operates regularly	27.3	86.8
D30ab	D282	Telephone does not operate regularly	3	0
D30ac	D283	No telephone	69.7	13.2
D30ba	D291	Regular electricity	78.8	92.1
D30bb	D292	Not regular electricity	7.6	5.3
D30bc	D293	No electricity	13.6	2.6
D30ca	D301	Supplied water	7.6	34.2
D30cb	D302	Pumped well	12.1	23.7
D30cc	D303	Natural well	47.0	21.1
D30cd	D304	Rain water	25.8	7.9

5.8. Available labs

Observation at laboratory availability we can see the improvement from 2001 to 2005. Percentage of facilities with vaginal discharge smear (wet mount) increase from 6.1% in 2001 to 31.6% in 2005. Percentage of facilities with gram stain increases from 3% in 2001 to 26.3% in 2005. Percentage of facilities with pregnancy test increases from 56.1% in 2001 to 73.7% in 2005. Percentage of facilities with common blood test increases from 22.7% in 2001 to 31.6% in 2005. Percentage of facilities with urine analysis increases from 22.7 in 2001 to 68.4% in 2005. We can see the improvement in all indicators.

Chart: Available labs



Source: Author made

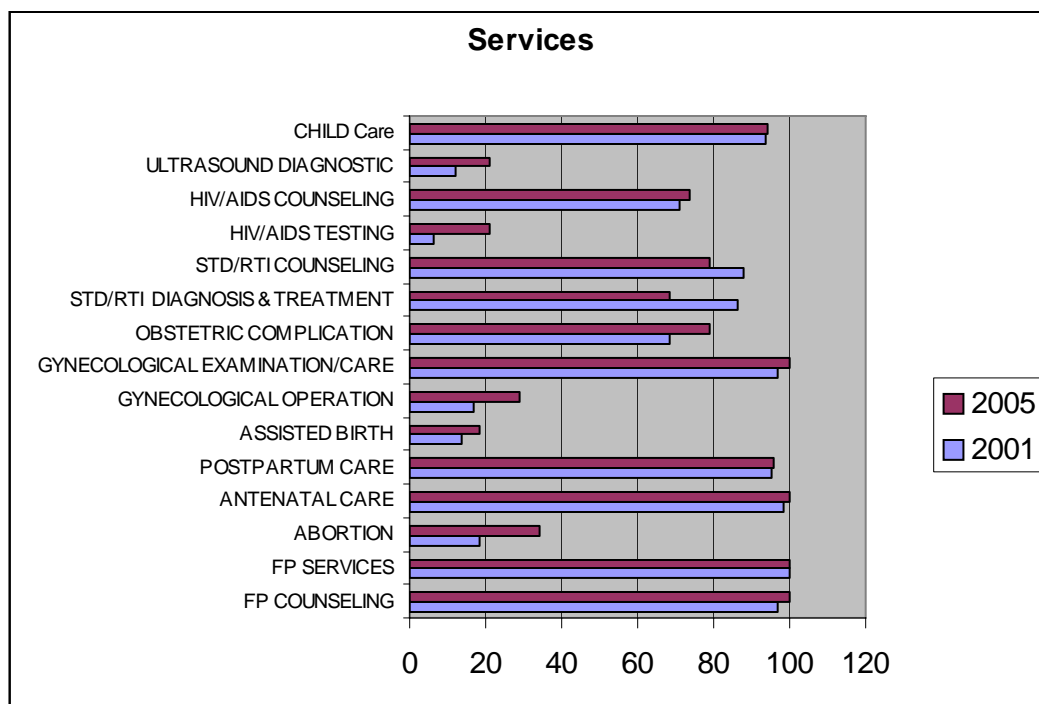
Table: Available labs

D31a	D311	VAGINAL DISCHARGE SMEAR (WET MOUNT)	6.1	31.6
D31b	D312	GRAM STAIN	3.0	26.3
D31c	D313	PREGNANCY TEST	56.1	73.7
D31d	D314	COMMON BLOOD TESTS	22.7	31.6
D31e	D315	URINE ANALYSIS	22.7	68.4

5.9. Services offered

We also can see the improvement in all services. Percentage of facilities with family counseling increases from 97% in 2001 to 100% in 2005. Percentage of facilities with family planning services is both 100% in 2001 and 2005. Percentage of facilities with menstrual regulation/ abortion (including management of abortion complication) increases from 18.2% in 2001 to 34.2% in 2005. The rate of facilities with antenatal care including delivery increases from 98.5% in 2001 to 100% in 2005. The rate of facilities with postpartum care increases lightly from 95.5% in 2001 to 95.7 in 2005. Percentage facilities with assisted birth (delivery with foocxep delivery by vacuum extractor) increase from 13.6% in 2001 to 18.4% in 2005. The rate of facilities performing surgical gynecological operation/ procedures increases from 16.7% in 2001 to 28.9% in 2005. Percentage of facilities with gynecological examination and care increases from 97% in 2001 to 100% in 2005. Percentage of facilities with obstetric complication increases from 68.2% in 2001 to 78.9% in 2005. Rate of facilities with HIV/AIDS testing increases from 6.1% in 2001 to 21.1% in 2005. Rate of facilities with HIV/ AIDS counseling increases from 71.2% in 2001 to 73.7% in 2005. Percentage of facilities with ultrasound diagnostic increases from 93.9% in 2001 to 21.1% in 2005. Percentage of facilities with child care increases from 93.9% in 2001 to 94.1% in 2005.

Chart: Services



Source: Author made

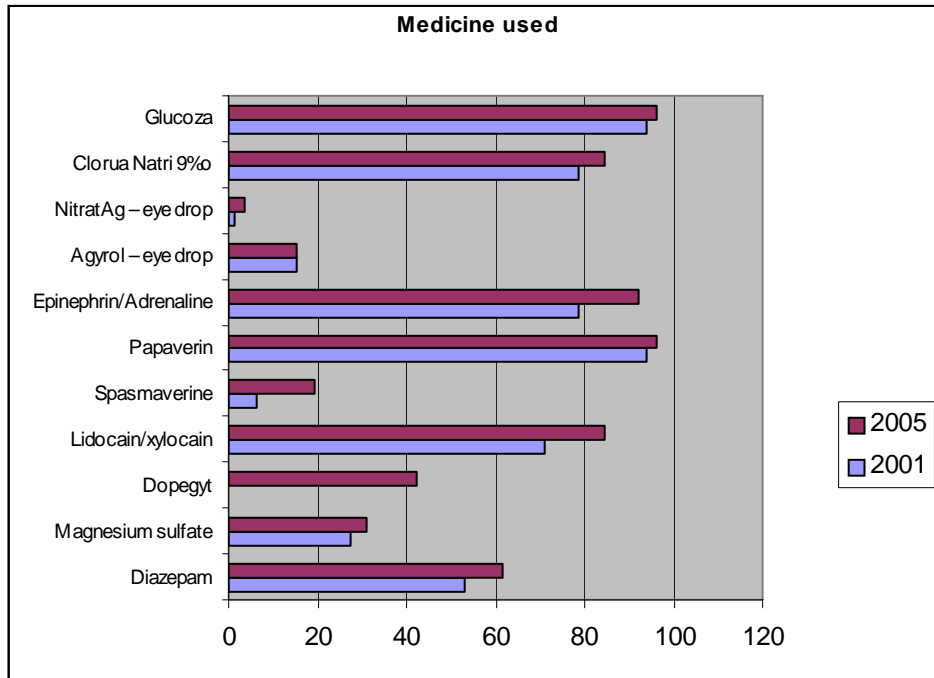
Table: Services

D34a	D341	FP COUNSELING	97	100
D34b	D342	FP SERVICES	100	100
D34c	D343	MENSTRUAL REGULATION/ ABORTION (INCLUDING MANAGEMENT OF ABORTION COMPLICATION)	18.2	34.2
D34d	D344	ANTENATAL CARE (including delivery)	98.5	100
D34e	D345	POSTPARTUM CARE	95.5	95.7
D34f	D346	ASSISTED BIRTH (DELIVERY WITH FOOXEP DELIVERY BY VACUUM EXTRACTOR)	13.6	18.4
D34g	D347	PERFORMING SURGICAL GYNECOLOGICAL OPERATION/ PROCEDURES	16.7	28.9
D34h	D348	GYNECOLOGICAL EXAMINATION/CARE	97	100
D34i	D349	OBSTETRIC COMPLICATION	68.2	78.9
D34j	D3410	STD/RTI DIAGNOSIS & TREATMENT	86.4	68.4
D34k	D3411	STD/RTI COUNSELING	87.9	78.9
D34l	D3412	HIV/AIDS TESTING	6.1	21.1
D34m	D3413	HIV/AIDS COUNSELING	71.2	73.7
D34n	D3414	ULTRASOUND DIAGNOSTIC	12.1	21.1
D34o	D3415	CHILD Care	93.9	94.1

5.10. Medicine used

We can see that all indicators get improvement from 2001 to 2005. Percentage of facilities with diazepam usage increases from 53% in 2001 to 61.5% in 2005. Percentage of facilities with magnesium sulfate usage increases from 27.3% in 2001 to 30.8% in 2005. Percentage of facilities with lidocain/xylocain usage increases from 71.2% in 2001 to 84.6% in 2005. Percentage of facilities with spasmaverine usage increases from 6.1% in 2001 to 19.2% in 2005. Percentage of facilities with papaverin increases from 93.9% in 2001 to 96.2% in 2005. Percentage of facilities with epinephrin/adrenaline usage increases from 78.8% in 2001 to 92.3% in 2005. Percentage of facilities with agyrol – eye drop usage increases from 15.2% in 2001 to 15.4% in 2005. Percentage of facilities with nitratAg – eye drop usage increases from 1.5% in 2001 to 3.8% in 2005. Percentage of facilities with clorua natri usage increases from 78.8% in 2001 to 84.6% in 2005. Percentage of facilities with glucoza usage increases from 93.9% in 2001 to 96.2% in 2005.

Chart: Medicine used



Source: Author made

Table: Medicine used

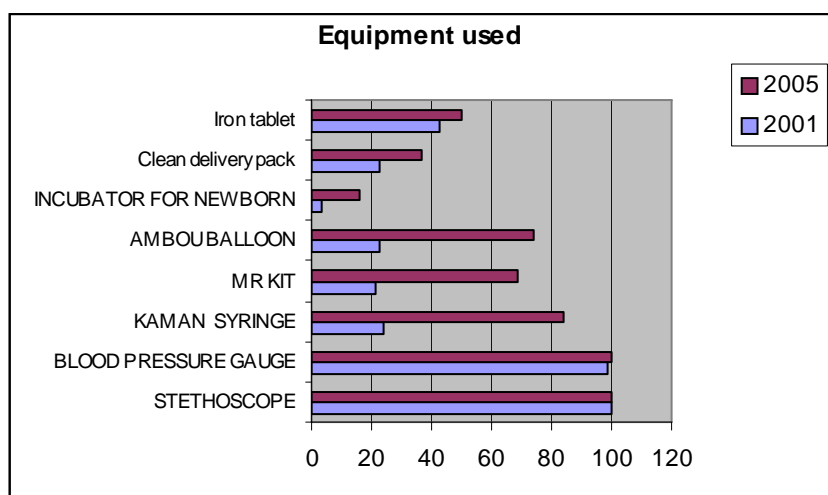
D38	D381	Treatment of toxemia eclampsia		
1				
a)	1	Diazepam	53	61.5
b)	2	Magnesium sulfat	27.3	30.8
c)	3	Dopegyt	0	42.3
2	2	Pain relief/killer		
a)	1	Lidocain/xylocain	71.2	84.6
3.	3	Anti-spasmodique		
a)	1	Spasmaverine	6.1	19.2
b)	2	Papaverin	93.9	96.2
4.	4	For allergia and shock treatment		
a)	1	Epinephrin/Adrenaline	78.8	92.3
6	6	Agyrol – eye drop	15.2	15.4
7	7	NitratAg – eye drop	1.5	3.8
8	8	Infusion solutions		

a)	1	Clorua Natri 9%o	78.8	84.6
b)	2	Glucoza	93.9	96.2

5.11. Equipment of facility

Observation at equipment shows that the readiness of services is better in 2005. Percentage of facilities having stethoscope is both 100% in 2001 and 2005. Percentage of blood pressure gauge usage increases from 98.5% in 2001 to 100% in 2005. Percentage of Kaman syringe usage increases from 24.2% in 2001 to 84.2% in 2005. Percentage of MR kit usage increases from 21.2% in 2001 to 68.4% in 2005. Percentage of ambou balloon usage increases from 22.7% in 2001 to 73.7% in 2005. Percentage of incubator for new born increases from 3% in 2001 to 15.8% in 2005. Percentage of clean delivery pack usage increases from 22.7% in 2001 to 36.8% in 2005. Percentage of iron tablet usage increases from 42.4% in 2001 to 50% in 2005.

Chart: Equipment used



Source: Author made

Table: Equipment used

D40 1a	D39 1	STETHOSCOPE	100	100
11	3	BLOOD PRESSURE GAUGE	98.5	100
12	4	KAMAN SYRINGE	24.2	84.2
18	8	MR KIT	21.2	68.4
32	17	AMBOU BALLOON	22.7	73.7
37	18	INCUBATOR FOR NEW BORN	3.0	15.8

D41 a	D41 a1	Clean delivery pack	22.7	36.8
D41 b	D41 a2	Iron tablet	42.4	50

The conclusion is that there is improvement in all indicators of the reproductive health facilities in the targeted area. The readiness of reproductive health services and the quality of reproductive health services is better in 2005. The project has good impact on reproductive health services in Nge An province.

Attachment

Questionnaire

BASED-LINE SURVEY ON R.H OF PUBLIC SITE IN NGHE AN PROVINCE 2001

FACILITY INVENTORY		
A. FACILITY IDENTIFICATION		
A01	NAME OF FACILITY _____	
A	DISTRICT _____ COMMUNE _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
b	DID FACILITY RECEIVE JICA's SUPPORT PHASES 1 1=YES 2=NO	<input type="checkbox"/>
c	RURAL/URBAN 1=URBAN (WARD/PRECINCT) 2=RURAL (COMMUNE)	<input type="checkbox"/>
d	TYPE OF SERVICE: 1 = DISTRICT HOSPITAL/ DEPARTMENT OF OBGYN/FP 2 = COMMUNE HEALTH STATION (CHS)	<input type="checkbox"/>
A02	SUMMARY OF QUESTIONNAIRES COMPLETED AT THE FACILITY	
A.	NUMBER OF STAFF INTERVIEWS _____	<input type="checkbox"/>
B.	ANC CLIENT EXIT INTERVIEWS _____	<input type="checkbox"/>
C.	RTI CLIENT EXIT INTERVIEWS _____	<input type="checkbox"/>
D.	ABORTION/MR OBSERVATIONS _____	<input type="checkbox"/>
E.	RTI/STI OBSERVATIONS _____	<input type="checkbox"/>
F.	ANC OBSERVATIONS _____	<input type="checkbox"/>
G.	WHEN IS THE FACILITY OPEN AND CLOSE? OPENING TIME.....LUNCH BREAK.....CLOSING TIME.....	<input type="checkbox"/>
H.	NUMBER OF DAYS/WEEK AND HOURS/DAY RH OFFERED AT THIS HEALTH FACILITY? NO.OF DAYS PER WEEK.....	<input type="checkbox"/>

	NO. OF HOURS PER DAY.....	
I.	AT WHAT TIME WAS THE FIRST RH CLIENT SEEN TODAY?AM/PM	<input type="checkbox"/>
J.	AT WHAT TIME WAS THE LAST RH CLIENT SEEN TODAY?AM/PM	<input type="checkbox"/>
	NAME OF INTERVIEWER: _____	DATE _____
	NAME OF TEAMLEADERS _____	DATE _____
	NAME OF SUPERVISORS _____	DATE _____

B. COMMUNITY CHARACTERISTICS		
B03	DISTANCE IN MINUTES, BY MOST USUAL MODE OF TRANSPORTATION TO HIGHER LEVEL HOSPITAL _____ MINUTES	<input type="text"/> <input type="text"/> <input type="text"/>
B04	TYPE OF ROAD 1 PAVED 2 TAR 3 PACKED ROCK 4 DIRT 5 RIVER 6 OTHER _____	<input type="checkbox"/>
B05	MAIN ECONOMIC ACTIVITIES OF THE COMMUNITY 1 AGRICULTURE 2 FISHING 3 MANUFACTURING 4 MIXED 5 OTHER _____	<input type="checkbox"/>
B06	TELEPHONE SERVICE AVAILABLE 1 NONE 2 FEW 3 MANY	<input type="checkbox"/>
B07	ELECTRICITY 1 NONE 2 INFREQUENT 3 FREQUENT	<input type="checkbox"/>
B08	PRIMARY SOURCE OF WATER 1= PIPED 2 = DEEP WELL 3 = SHALLOW WELL 4 = RAIN COLLECTION 5 = RIVER/ CANAL/ POND 6 =OTHER	<input type="checkbox"/>

C. FACILITY OBSERVATION

NO.	QUESTIONS	CODE CLASSIFICATION				
		YES, OUTSIDE	YES, INSIDE	YES, BOTH	NO	
C09	IS THERE A SIGN OR POSTER ADVERTISING THE AVAILABILITY OF SERVICES?	1	2	3	4	<input type="checkbox"/>
C10	SPECIALTIES INCLUDED IN SIGNBOARD?	1	2	3	4	<input type="checkbox"/>
a)	OB/GYN	1	2	3	4	<input type="checkbox"/>
b)	MIDWIFERY	1	2	3	4	<input type="checkbox"/>
c)	OTHER SPECIALTIES _____	1	2	3	4	<input type="checkbox"/>
C11	WAITING SEATS FOR CLIENTS 1=NONE 2=YES, NOT ENOUGH 3=YES, ENOUGH					<input type="checkbox"/>

C12	ARE WORKING TOILET/LATRINE AVAILABLE FOR CLIENTS 1=YES, USING 2- YES,,NOT USE- 3= NO			<input type="checkbox"/>
C13	ARE THERE DESIGNED AREA FOR EXAMINATION? 1=YES 2=NO COMMENT:.....			<input type="checkbox"/>
C14	ARE THERE DESIGNED AREA FOR COUNSELING? 1=YES 2=NO COMMENT:.....			<input type="checkbox"/>
C15	IS PRIVACY AREA WHERE PEOPLE CAN NOT SEE AVAILABLE FOR:	YES	NO	
A	EXAMINATION?	1	2	<input type="checkbox"/>
B	COUNSELING?	1	2	<input type="checkbox"/>
C16	IS PRIVACY AREA WHERE PEOPLE CAN NOT HEAR AVAILABLE FOR:			
A	EXAMINATION?	1	2	<input type="checkbox"/>
B	COUNSELING?	1	2	<input type="checkbox"/>
C17	IS THE EXAMINATION AREA CLEAN? 1=YES 2=NO COMMENT:.....			<input type="checkbox"/>
C18	IS THERE AN ADEQUATE SOURCE OF LIGHT IN THE EXAMINATION AREA? ("SOURCE" IS ANY SOURCE OF LIGHT) 1=YES 2=NO COMMENT:.....			<input type="checkbox"/>
C19	IS AN ADEQUATE AMOUNT OF SAFE WATER AVAILABLE IN THE EXAMINATION AREA? 1=YES 2=NO COMMENT:.....			<input type="checkbox"/>
C20	IS THERE ANY RECOVERY ROOM? 1=YES 2=NO ⇒ C 22 COMMENT:.....			<input type="checkbox"/>
C21	IS THE RECOVERY ROOM CLEAN? 1=YES 2=NO			<input type="checkbox"/>
C22	DELIVERY ROOM			
q)	IS IT WELL – VENTILATED?	1	2	<input type="checkbox"/>
r)	DOES DIRT COME THROUGH?	1	2	<input type="checkbox"/>

s)	DOES THE WINDOW HAVE A SCREEN/CURTAIN?	1	2	<input type="checkbox"/>
t)	DOES THE CEILING LAMP WORK?	1	2	<input type="checkbox"/>
u)	IS THE SPOT LIGHT WORKING?	1	2	<input type="checkbox"/>
v)	IS THERE ANY LAMP/LANTERN TO USE WHEN THE CURRENT IS OUT?	1	2	<input type="checkbox"/>
w)	IS THERE A CONTAINER OF ALREADY BOILED WATER?	1	2	<input type="checkbox"/>
x)	IS THERE A CONTAINER OF ALREADY BOILED WATER WITH A WOODEN HAND LONGER THAN 20CM ?	1	2	<input type="checkbox"/>
y)	IS THE FLOOR CLEAN?	1	2	<input type="checkbox"/>
z)	IS THERE A CABINET FOR EQUIPMENT?	1	2	<input type="checkbox"/>
aa)	IS THERE ANY OXYTOCIN OR ERGOMETRIN	1	2	<input type="checkbox"/>
bb)	IS THERE A KIT FOR NEONATE RESUSCITATION (CATHETER WITH 4-5 MM IN DIAMETER 20 ML BULB SERINGE FOR SUCTIONING INFANT, STERILE COMPRESSES, TWO RESUSCITATING BALLOON	1	2	<input type="checkbox"/>
cc)	RESUSCITATION BOX IS STORED IN A SEPARATE STERILE TRAY	1	2	<input type="checkbox"/>
dd)	CLEAN, STERILE CLOTH FOR COVERING INSTRUMENT	1	2	<input type="checkbox"/>
ee)	BOILED SOAP IN CLOSED BOX	1	2	<input type="checkbox"/>
ff)	USED WATER IS DRAINED INTO A CLOSED TANK OUTSIDE LABOR ROOM	1	2	<input type="checkbox"/>
C23	DELIVERY ROOM FLOOR 1= PAVED WITH CEMENT/BRICK 2=PAVED WITH GLAZED BRICK 3= other (SPECIFY)			<input type="checkbox"/>
C24	DELIVERY ROOM WALL 1= COATED WITH WHITE- WHASH 2= PAVED WITH GLAZED BRICK AT 1.2 M HIGH 3= other (specify)			
C25	DELIVERY ROOM CEILING 1= NO CEILING, ONLY BRICK ROOF 2= CEILING MADE OF BAMBOOMAT/PLYWOOD/RAIN PROOF CLOTH 3= CEMENT CEILING 4= OTHERS			

FIND THE MANAGER OR HIGHEST LEVEL HEALTH PERSON PRESENT AT THE FACILITY. READ THE FOLLOWING GREETING: HELLO. I AM REPRESENTING THE POPULATION COUNCIL- A PUBLIC HEALTH RESEARCH ORGANIZATION. WE ARE CARRYING OUT A SURVEY OF HEALTH FACILITIES THAT PROVIDE SERVICES TO WOMEN AND CHILDREN WITH THE GOAL OF FINDING WAYS TO IMPROVE SERVICE DELIVERY. WE WOULD BE INTERESTED IN TALKING TO YOU ABOUT THIS FACILITY AND YOUR EXPERIENCES IN PROVIDING HEALTH SERVICES. PLEASE BE ASSURED THAT THIS DISCUSSION IS STRICTLY CONFIDENTIAL. YOU MAY CHOOSE TO STOP THE INTERVIEW OR REFUSE TO ANSWER QUESTIONS AT ANY TIME. MAY I CONTINUE?

NO.	QUESTIONS	CODING CLASSIFICATION	GO TO
C26	PERMISSION RECEIVED TO CONTINUE?	YES.....1 NO.....2	^STOP

D. GENERAL INFORMATION (ASK AND/OR OBSERVE)

NO.	QUESTIONS	CODING CLASSIFICATION		
		YES	NO	
D27	WHAT ARE IEC MATERIAL AVAILABLE IN THIS FACILITY? (OBS)			<input type="checkbox"/>
a)	ANTENATAL CARE/DELIVERY	1	2	<input type="checkbox"/>
b)	POST-PARTUM CARE	1	2	<input type="checkbox"/>
c)	FAMILY PLANNING	1	2	<input type="checkbox"/>
d)	BREASTFEEDING	1	2	<input type="checkbox"/>
e)	CHILDWELFARE (IMMUNIZATION, CHILD GROWTH MONITORING)	1	2	<input type="checkbox"/>
f)	MOTHER NUTRITION	1	2	<input type="checkbox"/>
g)	RTI/STD PREVENTION	1	2	<input type="checkbox"/>
h)	AIDS PREVENTION	1	2	<input type="checkbox"/>
i)	OTHER (SPECIFY) _____	1	2	<input type="checkbox"/>
D28	WHERE DID THE IEC MATERIALS COME FROM?			
a)	MOH/PROVINCIAL HEALTH SERVICE	1	2	<input type="checkbox"/>
b)	NCPFP/PCFP	1	2	<input type="checkbox"/>
c)	JICA	1	2	<input type="checkbox"/>
d)	INTERNATIONAL ORGANIZATION	1	2	<input type="checkbox"/>
e)	OTHERS (SPECIFY) _____	1	2	<input type="checkbox"/>
D29	DID YOU HAVE SUFFICIENT AMOUNT OF IEC MATERIAL? 1= YES, ENOUGH 2= YES, NOT ENOUGH 3= NO			<input type="checkbox"/>
D30a	IS TELEPHONE SERVICE AVAIL ABLE IN THIS FACILITY? 1= YES 2= SOMETIMES 3= NO			<input type="checkbox"/>
b	IS ELECTRICITY POWER FREQUENTLY AVAILABLE IN THIS FACILITY? 1 = NONE 2 = INFREQUENT 3 = FREQUENT			<input type="checkbox"/>
c	WHAT IS THE PRIMARY SOURCE OF WATER IN THIS FACILITY? 1 PIPED 2 DEEP WELL 3 SHALLOW WELL 4 RAIN COLLECTION 5 RIVER/ CANAL/ POND 6 OTHER _____			<input type="checkbox"/>
D31	WHICH LAB TESTS DO YOU PERFORM HERE OR REFER?	DO HERE	REFER	
a)	VAGINAL DISCHARGE SMEAR (WET MOUNT)	1	2	<input type="checkbox"/>
				<input type="checkbox"/>

b)	GRAM STAIN	1	2	
c)	PREGNANCY TEST	1	2	<input type="checkbox"/>
d)	COMMON BLOOD TESTS	1	2	<input type="checkbox"/>
e)	URINE ANALYSIS	1	2	<input type="checkbox"/>
f)	OTHER _____	1	2	<input type="checkbox"/>
D32	HOW MANY OF THE FOLLOWING PERSONNEL WORK IN THIS FACILITY?	(CODE ACTUAL NUMBER)		
a)	OB/GYN SPECIALIST _____			<input type="text"/>
b)	OB/GYN ASSISTANT PHYSICIAN			<input type="text"/>
c)	MIDWIFE _____			<input type="text"/>
d)	NURSE _____			<input type="text"/>
e)	OTHER PHYSICIAN/ ASSISTANT PHYSICIAN _____			<input type="text"/>
f)	OTHER _____			<input type="text"/>
D33	ARE MATERNITY SERVICES AVAILABLE ALL THE TIME, INCLUDING AT NIGHT AND AT WEEKENDS 1= YES 2= No,			<input type="checkbox"/>
D34	WHICH OF THE FOLLOWING SERVICES DO YOU PROVIDE IN THIS FACILITY?	YES	NO	
a)	FP COUNSELING	1	2	<input type="checkbox"/>
b)	FP SERVICES			<input type="checkbox"/>
c)	MENSTRUAL REGULATION/ ABORTION (INCLUDING MANAGEMENT OF ABORTION COMPLICATION)			<input type="checkbox"/>
d)	ANTENATAL CARE (including delivery)	1	2	<input type="checkbox"/>
e)	POSTPARTUM CARE	1	2	<input type="checkbox"/>
f)	ASSISTED BIRTH (DELIVERY WITH FOOCXEP DELIVERY BY VACUUM EXTRACTOR)	1	2	<input type="checkbox"/>
g)	PERFORMING SURGICAL GYNECOLOGICAL OPERATION/ PROCEDURES	1	2	<input type="checkbox"/>
h)	GYNECOLOGICAL EXAMINATION/CARE	1	2	<input type="checkbox"/>
i)	OBSTETRIC COMPLICATION	1	2	<input type="checkbox"/>
j)	STD/RTI DIAGNOSIS & TREATMENT			<input type="checkbox"/>
k)	STD/RTI COUNSELING	1	2	<input type="checkbox"/>
l)	HIV/AIDS TESTING	1	2	<input type="checkbox"/>
m)	HIV/AIDS COUNSELING	1	2	<input type="checkbox"/>
n)	ULTRASOUND DIAGNOSTIC	1	2	<input type="checkbox"/>
o)	CHILD Care	1	2	<input type="checkbox"/>
p)	OTHER (SPECIFY) _____	1	2	<input type="checkbox"/>
D35	IN CASE OF EMERGENCY REFERRAL, WHAT MEANS YOUR FACILITIES USE			
a)	NOTHING	1	2	<input type="checkbox"/>

b)	BY CAR			<input type="checkbox"/>
c)	BY MOTORBIKE	1	2	
d)	BY BIKE	1	2	<input type="checkbox"/>
e)	OTHER (SPECIFY) _____	1	2	<input type="checkbox"/>
D36	IS THERE PREGNANT WOMEN TRANSFERRED TO DISTRICT HOSPITAL LAST YEAR 1= YES 2= NO-→ D 38			
D37	IF YES, WHAT CONDITION	NUMBER		
a)	HYPERTENSION/FOXEMIA			
b)	ECLAMPSIA			
c)	SEVERE ANEMIA			
d)	BLEEDING IN PREGNANCY BEFORE LABOR			
e)	MALPRESENTATION			
f)	DYSFUNCTIONAL LABOR			
g)	UTERIN RUPTURE			
h)	POSTPARTUM HEMORRHAGE			
i)	POSPARTUM INFECTION			
j)	OTHER (SPECIFY)			

D38. WHICH ESSENTIAL DRUGS ARE AVAILABLE IN YOUR FACILITY

1=YES

2=NO

	Commune level			District level		
1.	Treatment of toxemia eclampsia			Treatment of toxemia eclampsia		
d)	Diazepam	1	2	<input type="checkbox"/>	Diazepam	1 2 <input type="checkbox"/>
e)	Magnesium sulfate	1	2	<input type="checkbox"/>	Magnesium sulfate	1 2 <input type="checkbox"/>
f)	Dopegyt	1	2	<input type="checkbox"/>	Dopegyt	1 2 <input type="checkbox"/>
g)	Hypothiazid			<input type="checkbox"/>	Hypothiazid	<input type="checkbox"/>
2	Pain relief/killer				Pain relief /killer	
b)	Lidocain/xylocain	1	2	<input type="checkbox"/>	Lidocain/xylocain	1 2 <input type="checkbox"/>
c)	Paracetamol	1	2	<input type="checkbox"/>	Paracetamol	1 2 <input type="checkbox"/>
4.	Anti-spasmodique				Anti-spasmodique	
c)	Spasmaverine	1	2	<input type="checkbox"/>	Spasmaverine	1 2 <input type="checkbox"/>
d)	Papaverin	1	2	<input type="checkbox"/>	Papaverin	1 2 <input type="checkbox"/>
5.	For allergia and shock treatment				For allergia and shock treatment	
b)	Epinephrin/Adrenaline	1	2	<input type="checkbox"/>	Epinephrin/Adrenaline	1 2 <input type="checkbox"/>
c)	Promethazine	1	2	<input type="checkbox"/>	Promethazine	1 2 <input type="checkbox"/>
5.	Tetanic Toxoid	1	2	<input type="checkbox"/>	Tetanic Toxoid	1 2 <input type="checkbox"/>
6.	Agyrol – eye drop	1	2	<input type="checkbox"/>	Agyrol – eye drop	1 2 <input type="checkbox"/>
7.	NitratAg – eye drop	1	2	<input type="checkbox"/>	NitratAg – eye drop	1 2 <input type="checkbox"/>
8.	Infusion solutions				Infusion solutions	
c)	Clorua Natri 9%o	1	2	<input type="checkbox"/>	Clorua Natri 9%o	1 2 <input type="checkbox"/>
d)	Glucoza	1	2	<input type="checkbox"/>	Glucoza	1 2 <input type="checkbox"/>
9.	Anti-biotics	1	2	<input type="checkbox"/>	Anti-biotics	1 2 <input type="checkbox"/>
10.	Anti-fungal				Anti-fungal	
a)	Nystatin	1	2	<input type="checkbox"/>	Nystatin	1 2 <input type="checkbox"/>
b)	Clotrimazole	1	2	<input type="checkbox"/>	Clotrimazole	1 2 <input type="checkbox"/>
11.	Oxytocique				Oxytocique	1 2
a)	Oxytocin	1	2	<input type="checkbox"/>	Oxytocin	1 2 <input type="checkbox"/>
b)		1	2	<input type="checkbox"/>	Ergometrin	1 2 <input type="checkbox"/>
12.					Medicine for Anesthesia	
a)					Ether	1 2 <input type="checkbox"/>
b)					Ketamin	1 2 <input type="checkbox"/>
c)					Oxygen	1 2

d)		Thiopental	1	2	<input type="checkbox"/>
e)		Morphin	1	2	<input type="checkbox"/>
13.		Candio-vascular disease			
a)		Atenol	1	2	<input type="checkbox"/>
b)		Glyceryl trinitrate	1	2	<input type="checkbox"/>
c)		Digoxin	1	2	<input type="checkbox"/>
d)		Isoprenalin	1	2	<input type="checkbox"/>
14.		For treatment of hypertension			
a)		Nifedipin	1	2	<input type="checkbox"/>
b)		Furosemide	1	2	<input type="checkbox"/>
15.		Hormones			
a)		Dexamethasone	1	2	<input type="checkbox"/>
b)		Hydrocortisone	1	2	<input type="checkbox"/>
c)		Prednisolone	1	2	<input type="checkbox"/>
d)		Insuline	1	2	<input type="checkbox"/>

D39	LIST OF MEDICINE OUT OF EXPIRY DATE BUT STILL USING	Number
a)		<input type="checkbox"/>
b)		<input type="checkbox"/>
c)		<input type="checkbox"/>
d)		<input type="checkbox"/>
e)		<input type="checkbox"/>
f)		<input type="checkbox"/>
g)		<input type="checkbox"/>
h)		<input type="checkbox"/>
i)		
j)		

D40	WHICH OF THE FOLLOWING EQUIPMENT ARE AVAILABLE IN THIS FACILITY? (USABLE)	Yes No			NUMBER OF EQUIPMENT IN WORKING ORDER			
					TOTAL	NUMBER OF EQUIPMENT WITH LOW QUALITY	NUMBER OF EQUIPMENT WHICH NEVER BEEN USED	
							Total	Reasons
1.	STETHOSCOPE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2.	OBSTETRICAL STETHOSCOPE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
3.	(TAPE METER) MEASURING TAPE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
4.	PELVIC METER	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
5.	DISPOSAL SYRINGE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
6.	RE-USABLE SYRINGE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
7.	DISPOSABLE GLOVES	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
8.	RE-USABLE GLOVES	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
9.	SCALE FOR CHILDREN	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
10.	SCALE FOR ADULTS	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
11.	BLOOD PRESSURE GAUGE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
12.	KAMAN SYRINGE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
13.	DOPPLER FOR FETAL HEART RATE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
14.	DELIVERY KIT	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
15.	GYNECOLOGIC EXAMINATION SET	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
16.	Fooc xep	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
17.	IUD KIT	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
18.	MR KIT	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

19.	DOUBLE VALVE KAMAN SYRINGE FOR LATER ABORTION	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
20.	ABORTION KIT	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
21.	EPISOTOMY KIT	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
22.	CESAREAN SECTION KIT	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
23.	STERILIZED BOILING INSTRUMENT TYPE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
24.	AUTOCLAVE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
25.	DRY HEAT STERILIZER	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
26.	LAMP FOR OPERATION	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
27.	SPOT LIGHT LAMP	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
28.	VACCUM ASPIRATOR (ELECTRIC)	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
29.	X-RAY MACHINE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
30.	MACHINE FOR ANESTHESIA	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
31.	CATHETER FOR SUCTIONING BABY	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
32.	AMBOU BALLOON	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
33.	STERILE THREAD FOR UMBILICAL CORD	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
34.	TRAY FOR EQUIPMENT	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
35.	DRUM FOR COTTON AND COMPRESS	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
36.	CONTAINER FOR MEDICAL INSTRUMENTS	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
37.	INCUBATOR FOR NEW BORN	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
38.	DELIVERY TABLE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
39.	GYNECOLOGICAL EXAM TABLE	1	2	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

40.	OPERATING TABLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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D41.	WHAT MEANS FREQUENTLY AVAILABLE AT THIS FACILITY?	YES	NO	QUANTITY	
a)	LEAN DELIVERY PACK (KIT)	1	2	<input type="checkbox"/>	<input type="text"/> <input type="text"/>
b)	IRON TABLET (BOTTLE, TABLET)	1	2	<input type="checkbox"/>	<input type="text"/> <input type="text"/>
c)	OTHER (SPECIFY) _____	1	2	<input type="checkbox"/>	<input type="text"/> <input type="text"/>

E. RECORD KEEPING AND REPORTING

E42	IS ANY CLIENT'S RECORD SYSTEM IN USE? 1=YES 2=NO →PART F	<input type="checkbox"/>			
E43	IF YES, WHICH OF THE FOLLOWING?	YES	NO		
a)	LOG BOOK	1	2	<input type="checkbox"/>	
b)	CLINICAL RETAINED RECORD CARD	1	2	<input type="checkbox"/>	
c)	PREGNANT MANAGEMENT BOOKS/ DELIVERY BOOKS.....	1	2	<input type="checkbox"/>	
d)	OTHER (FAMILY PLANNING BOOKS...;				
E44	IF YES IN E43a, IN WHAT CONDITION IS THE LOG BOOK 1 = WELL ORDERED 2 = PARTIALLY ORDERED, STILL USABLE 3 = DISORDERED, NOT USABLE	<input type="checkbox"/>			
E45	IF YES IN E43b, IN WHAT CONDITION IS THE RECORD-CARD SYSTEM 1 = WELL ORDERED 2 = PARTIALLY ORDERED, STILL USABLE 3 = DISORDERED, NOT USABLE	<input type="checkbox"/>			
E46	IF YES IN E43c, IN WHAT CONDITION ARE THESE BOOKLETS 1 = WELL ORDERED 2 = PARTIALLY ORDERED, STILL USABLE 3 = DISORDERED, NOT USABLE	<input type="checkbox"/>			
E47	DOES PROVIDER KNOW HOW TO USE THESE BOOKLETS FOR PREGNANT WOMEN MANAGEMENT 1= YES 2= NO	<input type="checkbox"/>			
E48	IF YES IN E43D, IN WHAT CONDITION IS THE BOOKLET 1 = WELL ORDERED 2 = PARTIALLY ORDERED, STILL USABLE 3 = DISORDERED, NOT USABLE	<input type="checkbox"/>			
E49	WHAT ARE THE RECORDS USED FOR?	1	2	<input type="checkbox"/>	
a)	REPORTS WRITING	1	2	<input type="checkbox"/>	
b)	FOLLOW-UP CLIENTS WHEN THEY DO NOT RETURN	1	2	<input type="checkbox"/>	
c)	KEEPING TRACK OF CLIENTS' MEDICAL EXPERIENCE	1	2	<input type="checkbox"/>	
d)	OTHER (SPECIFY) _____	1	2	<input type="checkbox"/>	

E50	IF RECORDS ARE USED TO WRITE REPORTS, IS FEEDBACK RECEIVED ON REPORTS? 1=YES, ENOUGH 2 = YES, NOT ENOUGH 3=NO	<input type="checkbox"/>
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F. IMMUNIZATION SERVICES

NO.	QUESTIONS	CODING CLASSIFICATION		
F51	DOES THIS HEALTH FACILITY USUALLY PROVIDE THE FOLLOWING IMMUNIZATION SERVICE. 1= YES 2=NO --> PART G			<input type="checkbox"/>
a)	BCG	1	2	<input type="checkbox"/>
b)	POLIO	1	2	<input type="checkbox"/>
c)	DPT	1	2	<input type="checkbox"/>
d)	MEASLES	1	2	<input type="checkbox"/>
e)	HEPATITIS B	1	2	<input type="checkbox"/>
f)	JAPAN CEPHALITIS B	1	2	<input type="checkbox"/>
g)	ANTI TETANIC TOXOID FOR ANC CLIENTS	1	2	<input type="checkbox"/>
h)	OTHERS (SPECIFIED)_____	1	2	<input type="checkbox"/>

G. COMMODITY MANAGEMENT

G. 52	IS THERE PROPERTY INVENTORY BOOK FOR	YES	NO	
a)	FIXED PROPERTY	1	2	<input type="checkbox"/>
b)	WORN OUT PROPERTY	1	2	<input type="checkbox"/>
c)	MEDICINES	1	2	<input type="checkbox"/>
d)	CONTRACEPTIVES	1	2	<input type="checkbox"/>
e)	MCH/FP EQUIPMENT	1	2	<input type="checkbox"/>
f)	OTHER _____	1	2	<input type="checkbox"/>
G.53	IS THERE AN INVENTORY OF COMMODITIES? 1= YES 2= NO →G 55			<input type="checkbox"/>
G.54	(IF YES) HOW FREQUENTLY THE INVENTORY IS PROVIDED? 1= EVERY 6 MONTHS 2= EVERY YEAR 3= EVERY 2 YEARS 4= OTHER (SPECIFY)_____			<input type="checkbox"/>

G.55a	ARE FP COMMODITIES AND DRUGS STORED ACCORDING TO THEIR EXPIRY DATE? 1= YES 2= NO			<input type="checkbox"/>
G.55b	ARE STORAGE FACILITIES FOR COMMODITIES ADEQUATE? (ADEQUATE MEANS NO EXPOSURE TO RAIN AND SUN, PROTECTED FROM SUN LIGHT, RAIN, RATS AND PETS) 1= YES 2= NO			<input type="checkbox"/>
G.56	IS THERE ANY SUPERVISION FROM HIGHER LEVEL IN THE LAST 6 MONTHS? 1= YES 2= NO →H 59 3= DON'T KNOW →H 59			<input type="checkbox"/>
G.57	If yes, how many time _____			<input type="checkbox"/> <input type="checkbox"/>
G.58	WHAT DID THE SUPERVISOR DO DURING THEIR VISITS? (do not read but ask "any more")?	yES	nO	
a)	Checking ALL THE SERVICES ARE PROVIDED	1	2	<input type="checkbox"/>
b)	CHECKING ONLY ONE SPECIFIC SERVICE IS PROVIDED	1	2	<input type="checkbox"/>
c)	ASKING FOR ANY PROBLEM IN THE FACILITY	1	2	<input type="checkbox"/>
d)	CHECKING THE REPORT RECORDING AND REPORTING	1	2	<input type="checkbox"/>
e)	RECOMMENDATIONS FOR IMPROVING THE SERVICE QUALITY	1	2	<input type="checkbox"/>
f)	ENCOURAGEMENT AND MOTIVATION	1	2	<input type="checkbox"/>
g)	OTHER (SPECIFIED) _____	1	2	<input type="checkbox"/>

H. DISPOSAL MANAGEMENT

H. 59	IS THERE ANY EVIDENCE INDICATING THAT DISPOSABLE SYRINGES/NEEDLES ARE BEING RE-USED? 1= YES 2=NO →H61				<input type="checkbox"/>
H.60	IF YES, SPECIFY: _____				
H. 61	WHAT IS THE DISPOSAL PROCEDURE FOR (DESCRIBE)	Completely Right	Incompletely Right	No	
A	NEEDLES	1	2	3	<input type="checkbox"/>
B	LIQUID WASTE	1	2	3	<input type="checkbox"/>
C	SOLID CLINIC WASTE	1	2	3	<input type="checkbox"/>

I. SERVICE STATISTICS

BASED ON THE DATA OF THIS FACILITY IN 2000. IF THERE IS NO THIS DATA, PLEASE INDICATE WHAT TIME DATA IS RECODED

I.62. TYPE OF STATISTIC

1=year
2= 9 months
3= 6 months
4= 3 months

I. 63	SERVICES PROVIDED	NUMBER
1.	COUNSELING FOR STDs	
2.	COUNSELING FOR FP	
3.	NUMBER OF WOMEN RECEIVED ANTENATAL CARE	
4.	NUMBER OF PREGNANCIES	
5.	DELIVERIES	
6.	NUMBER OF DELIVERIES ASSISTED BY HEALTH PROVIDER	
7.	NUMBER OF ANC VISIT BY WOMEN GIVING BIRTH	
8.	NUMBER OF DELIVERED WOMEN VACCINATED WITH 2 AT	
9.	NUMBER OF CHILDREN IMMUNIZATION	
10.	NUMBER OF PREGNANT WOMEN PROVIDED ION TABLETS	
11.	NUTRITION AND CHILD GROWTH MONITORING	
12.	NUMBER OF IUD INSERTION	
13.	NUMBER OF IUD REMOVAL	
14.	Number of CONDOM USE	
15.	NUMBER OF INJECTABLE USERS	
16.	NUMBER OF PILL USERS	
17.	NUMBER OF MALE STERILIZATION	
18.	NUMBER OF FEMALE STERILIZATION	
19.	MENSTRUAL REGULATION/ ABORTIONS (D&C)	
20.	NUMBER OF WOMEN RECEIVED GYNECOLOGICAL EXAMINATION	

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