PD-AAU-988

EVALUATION OF THE VOLUNTARY STERILIZATION PROGRAM

TABLES ON NON-GOVERNMENT ORGANISATIONS(NGOS) FOR APRIL-JUNE 1987 QUARTER

M. A. QUASEM & CO.
7/16 LALMATIA, BLOCK-B
DHAKA-7, BANGLADESH

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INTRODUCTION

In accordance with the agreement between the Government of Bangladesh (BDG) and the USAID, a protocol was signed stipulating the reimbursement by the latter of the selected costs of the BDG Voluntary Sterilization (VS) Program. Accordingly, in March 1983, USAID, Dhaka, appointed M/s M. A. Quasem & Co. a Bangladeshi Chartered Accountants firm to conduct quarterly audits of the voluntary sterilization of BDG clinics. The contract expired in December, 1984. However, another agreement signed between USAID and M. A. Quasem & Co. provided scope for conducting ten quarterly evaluations of the VS Program covering both BDG and NGO[1] clinics beginning from January - March 1985 quarter. Under the given objectives and approved methodology, the present report, the tenth of its kind, is the evaluation of the April-June 1987 quarter of the VS program of both BDG and NGO done through a nationally representative sample survey. The report has already been submitted to the USAID, Dhaka.

The field survey of the tenth quarterly evaluation was carried out in June and July 1987. It was conducted in 50 selected upazilas of the country of which 12 upazilas were selected for evaluation of NGO clinics and the rest 38 upazilas were selected for BDG clinics only. The selected NGO clinics by upazilas are given below:

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[1] Non-government organisation

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District/upazila	BAVS	FPAB	Others
Rangpur			
Sadar	x	x	x
Dinajpur			
Sadar		x	x
Rajshahi			
Sadar	x	x	x
Tangail			
Sadar	x	x	
Kushtia			
Sadar	x	x	
Jessore			
Sadar	x	x	
Mymensingh			
Sadar		x	
Barisal			
Sadar	x	x	
Faridpur			
Tongi	x	x	
Patuakhali			
Sadar		x	
Sylhet			
Sadar	x	x	
Chittagong			
Sadar	x	x	x

BAVS - Bangladesh Association for Voluntary Sterilization

FPAB - Family Planning Association of Bangladesh

From those selected upazilas, 480 NGO clients were selected for field survey. Data were collected for those clients from both the clinic records and from the clients directly through personal interview.

The detailed methodology and the objectives of the evaluation are contained in the report of the evaluation of the VS program for April-June 1987 quarter and hence are not repeated here.

According to the contract, this report, containing selected tables based on weighted client sample, has been prepared separately on the findings of NGO clinics only as 'parallel tables' of the report of the tenth quarter of the evaluation of the VS program and are shown in the annexure.

A N N E X U R E

NGO TABLES

Table 1: Percentage distribution of the selected clients by results of clients survey

Results of clients survey	Categories of clients		
	Tubectomy	Vasectomy	All
A. INTERVIEWED	79.0	51.7	66.0
Sterilized within the reference quarter in the recorded clinic	79.0	51.3	65.8
Sterilized in the recorded clinic but before the reference quarter	-	0.4	0.2
B. NOT INTERVIEWED	18.2	29.9	23.8
Clients not available	7.5	18.4	12.7
Client has permanently left the recorded address	4.4	7.0	5.7
Client was only temporarily visiting the recorded address	6.3	3.5	5.0
Client died after the reference quarter	-	1.0	0.4
C. ADDRESS NOT LOCATED	2.8	18.4	10.2
Address does not exist/ not found	2.0	18.4	9.8
Not attempted	0.8	-	0.4
Total	100.0	100.0	100.0
Weighted N	252	228	480

Estimated false* cases for tubectomy : 2.0 percent
Estimated false* cases for vasectomy : 18.8 percent

*False cases means those clients who fall under the category, 'sterilized in the recorded clinic but before the reference quarter' and 'address does not exist/not found'.

Table 2: Percentage distribution of all the selected clients by type and status of informed consent forms

Status of informed consent form	Categories of clients		
	Tubectomy	Vasectomy	All
USAID-approved			
Signed by clients	100.0	100.0	100.0
Not signed by clients	-	-	-
Not USAID-approved			
Signed by clients	-	-	-
Not signed by clients	-	-	-
No informed consent form	-	-	-
Total	100.0	100.0	100.0
Weighted N	252	228	480

Table 3: Percentage distribution of the actually sterilized clients by types of informed consent forms and status of signing

Type of consent forms and status of signing	Categories of clients		
	Tubectomy	Vasectomy	All
USAID-approved			
Signed by clients	100.0	100.0	100.0
Not signed by clients	-	-	-
Not USAID-approved			
Signed by clients	-	-	-
Not signed by clients	-	-	-
No informed consent form	-	-	-
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 4: Percentage distribution of the actually sterilized clients by status of informed consent form and status of receipt of surgical apparel

Status of informed consent form	Status of receipt of surgical apparel	Categories of clients		
		Tubectomy	Vasectomy	All
USAID-approved informed consent forms signed by clients	Received	100.0	100.0	100.0
	Did not receive	-	-	-
Sub-total		100.0	100.0	100.0
Informed consent form not USAID approved/ informed consent form USAID-approved but not signed by clients/ no consent form	Received	-	-	-
	Did not receive	-	-	-
Sub-total		-	-	-
All	Received	100.0	100.0	100.0
	Did not receive	-	-	-
Total		100.0	100.0	100.0
Weighted N		199	117	316

Table 5: Percentage distribution of the actually sterilized tubectomy clients by recorded and reported helpers

Recorded helper \ Reported helper	BDG field-worker	BAVS salaried field-worker	Other NGO field-worker	BDG regis-tered agent	BAVS regis-tered agent	Other NGO regis-tered agent	Regis-tered Dai	Does not know	A l l
BDG fieldworker	5.0	-	-	-	-	-	-	-	5.0
BAVS salaried fieldworker	-	2.5	1.5	0.5	1.0	-	-	0.5	6.0
Other NGO fieldworker	-	-	72.5	-	-	5.5	-	-	78.0
BAVS registered agent	-	-	-	-	1.0	-	-	-	1.0
Other NGO regis-tered agent	-	-	-	-	-	8.5	-	-	8.5
Registered Dai	-	-	-	-	-	-	1.5	-	1.5
Total Weighted N = 199	5.0	2.5	74.0	0.5	2.0	14.0	1.5	0.5	100.0

Table 6: Percentage distribution of the actually sterilized vasectomy clients by recorded and reported helpers

Recorded helper \ Reported helper	BDG field-worker	BAVS salaried field-worker	Other NGO field-worker	Other NGO regis-tered agent	BAVS regis-tered agent	Went alone	Does not know	All
BDG fieldworker	2.6	-	0.9	0.9	0.9	1.7	-	7.0
BAVS salaried fieldworker	-	11.1	-	-	1.7	-	4.3	17.1
Other NGO fieldworker	-	0.9	35.8	3.4	-	-	3.4	43.5
BAVS registered agent	-	-	-	-	0.8	-	-	0.8
Other NGO registered agent	-	-	-	19.7	-	6.8	5.1	31.6
Total Weighted N = 117	2.6	12.0	36.7	24.0	3.4	8.5	12.8	100.0

Table 7: Percentage distribution of the actually sterilized tubectomy clients by amount reportedly received

Amount reportedly received in Taka	All clients	Status of facilities received	
		Received any facility	Received no facility
175.00	96.0	NA	NA
170.00	1.0	1.0	-
162.00	0.5	0.5	-
160.00	1.0	0.5	0.5
125.00	0.5	0.5	-
120.00	0.5	0.5	-
110.00	0.5	0.5	-
Total	100.0	3.5	0.5
Weighted N	199		

Reported average amount: Tk.173.88

Estimated average amount considering the 'received any facility' category received the approved amount : Tk.174.93

NA in the table stands for not applicable cases.

Table 8: Percentage distribution of the actually sterilized vasectomy clients by amount reportedly received

Amount reportedly received in Taka	All clients	Status of facilities received	
		Received any facility	Received no facility
175.00	94.9	NA	NA
160.00	0.9	0.9	-
130.00	0.9	-	0.9
125.00	0.9	-	0.9
124.00	0.8	0.8	-
100.00	0.8	-	0.8
40.00	0.8	0.8	-
Total	100.0	2.5	2.6
Weighted N	117		

Reported average amount : Tk. 171.83

Estimated average amount considering the 'received any facility' category received the approved amount : Tk.173.55

NA in the table stands for not applicable cases.

Table 9: Percentage distribution of the actually sterilized clients by status of promise for unapproved items

Status of promise for unapproved items	Categories of clients		
	Tubectomy	Vasectomy	All
Promised for unapproved items	-	-	-
Not promised for unapproved items	100.0	100.0	100.0
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 10: Percentage distribution of the actually sterilized clients by how they spent the excess money

How excess was spent	Categories of clients		
	Tubectomy	Vasectomy	All
No excess money left	12.1	31.6	19.3
Spent on food	83.4	60.7	75.0
Purchased medicine	2.0	4.3	2.9
Purchased goat/ chicken/goose	-	0.8	0.3
Purchased cloths	-	0.9	0.3
Invested in business	-	0.9	0.3
Distributed to others	0.5	-	0.3
Did not spend	2.0	0.8	1.6
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 11: Percentage distribution of the actually sterilized clients according to whether they would undergo sterilization operation if there were no compensation fees

Whether they would undergo sterilization operation	Tubectomy	Vasectomy	All
Would have done it at that time	93.5	76.0	87.0
Would wait	4.0	12.0	7.0
Never would have done	2.5	12.0	6.0
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 12: Percentage distribution of the actually sterilized clients according to their knowledge of family planning methods and knowledge of source of methods except sterilization

Methods	Tubectomy							Vasectomy						
				Knowledge of source							Knowledge of source			
	Unprompted knowledge	Prompted knowledge	No knowledge	Knew at least one source	Did not know any source	Did not know the method	Not stated	Unprompted knowledge	Prompted knowledge	No knowledge	Knew at least one source	Did not know any source	Did not know the method	Not stated
Pill	85.9	10.6	3.5	92.0	4.5	3.5	-	65.0	27.4	7.6	80.4	12.0	7.6	-
Condom	62.3	27.1	10.6	81.4	7.5	10.6	0.5	65.8	22.2	12.0	80.4	7.6	12.0	-
Injection	41.7	28.1	30.2	62.8	7.0	30.2	-	22.2	28.2	49.6	39.3	11.1	49.6	-
IUD	50.3	28.6	21.1	71.4	7.5	21.1	-	6.0	27.4	66.6	24.8	8.6	66.6	-
MR	20.1	22.6	57.3	41.2	1.5	57.3	-	2.6	17.9	79.5	9.4	11.1	79.5	-
Others	8.5	11.6	79.9	17.6	2.0	79.9	0.5	2.6	12.8	84.6	5.1	8.6	84.6	1.7
	Weighted N = 199							Weighted N = 117						

Table 13: Percentage distribution of the actually sterilized clients by whether they knew before sterilization that they could not have any child after accepting sterilization

Status of knowledge	Categories of clients		
	Tubectomy	Vasectomy	All
Knew	100.0	100.0	100.0
Did not know	-	-	-
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 14: Percentage distribution of the actually sterilized clients according to their view (reasons) for undergoing sterilization operation

Reasons for operation	Tubectomy		Vasectomy	
	Primary reason	Secondary reason	Primary reason	Secondary reason
To take care of children	9.1	35.7	23.9	41.9
To protect health/ avoid pain of birth	2.5	20.6	-	1.7
To protect children's health	-	13.1	-	2.6
To receive cash/ saree/lungi	1.5	3.0	7.7	12.8
Do not want children	86.4	12.6	65.0	28.2
Others	0.5	-	3.4	-
No reason	-	15.0	-	12.8
Total	100.0	100.0	100.0	100.0
Weighted N	199	199	117	117

Table 15: Percentage distribution of the actually sterilized clients by the length of time they had seriously thought about having the sterilization method

Period	Categories of clients		
	Tubectomy	Vasectomy	All
1 day to 7 days	7.0	12.8	9.2
8 days to 15 days	3.0	7.7	4.7
16 " to 29 "	0.5	-	0.3
1 month to 2 months	24.6	11.1	19.6
More than 2 months to 4 months	11.6	12.0	11.7
More than 4 months to 6 months	10.1	26.5	16.1
More than 6 months to 12 months	20.1	21.4	20.6
More than 1 year	22.6	8.5	17.4
Not stated	0.5	-	0.3
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 16: Percentage distribution of the actually sterilized clients by categories whether they had talked to anyone who had already had a sterilization before their operation

Whether talked to anyone or not	Categories of clients		
	Tubectomy	Vasectomy	All
Talked	85.4	65.0	77.9
Did not talk	14.6	34.2	21.8
Not stated	-	0.8	0.3
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 17: Percentage distribution of the actually sterilized clients by the length of time they had seriously thought about having the sterilization method and whether they had talked to anyone who had already had a sterilization before their operation

Period of thinking before sterilization	Type of operation						
	Tubectomy			Vasectomy			
	Talked	Did not talk	Total	Talked	Did not talk	Not stated	Total
Less than 30 days	9.5	1.0	10.5	4.3	16.2	-	20.5
1 month to 6 months	39.2	7.1	46.3	37.6	11.1	0.8	49.5
More than 6 months to 12 months	16.6	3.5	20.1	19.7	1.7	-	21.4
More than 1 year	19.6	3.0	22.6	3.4	5.2	-	8.6
Not stated	0.5	-	0.5	-	-	-	-
Total	85.4	14.6	100.0	65.0	34.2	0.8	100.0
Weighted N			199				177

Table 18: Percentage distribution of the actually sterilized clients by their satisfaction with the operation

Satisfaction with operation	Tubectomy	Vasectomy	A l l
Satisfied	98.0	93.2	96.2
Not satisfied	2.0	6.0	3.5
Others	-	0.8	0.3
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 19: Percentage distribution of the actually sterilized clients according to their recommendation to anyone for undergoing the sterilization operation

Recommendation	Tubectomy	Vasectomy	A l l
Already recommended	76.9	38.5	62.7
Would recommend in future	21.1	47.9	31.0
Neither recommended nor would recommend in future	2.0	12.8	6.0
Not stated	-	0.8	0.3
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 20: Percentage distribution of the actually sterilized clients by status of their post operation conjugal life

Status	Tubectomy	Vasectomy	A l l
As before operation	78.4	65.8	73.7
Improved	18.6	23.9	20.6
Deteriorated	3.0	10.3	5.7
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 21: Percentage distribution of the actually sterilized clients by period after the operation normal work resumed

P e r i o d	Tubectomy	Vasectomy	A l l
Within 7 days	18.1	24.8	20.6
8-15 days	53.8	47.0	51.3
16 days and above	28.1	28.2	28.1
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 22: Percentage distribution of the actually sterilized tubectomy clients by reported age of client and husband

Age group of clients (in years)	Age group of husband (in years)						
	25-29	30-34	35-39	40-44	45-49	50-54	Total
20 - 24	1.5	6.1	3.0	-	-	-	10.6
25 - 29	1.0	23.1	26.1	2.5	2.0	0.5	55.2
30 - 34	-	0.5	7.5	14.6	1.0	-	23.6
35 - 39	-	-	-	4.0	5.1	1.0	10.1
40 - 44	-	-	-	-	0.5	-	0.5
Total	2.5	29.7	36.6	21.1	8.6	1.5	100.0
Weighted N = 199							

Mean age of the tubectomy client: 29.2 years
Mean age of the husband : 37.6 years

Table 23: Percentage distribution of the actually sterilized vasectomy clients by reported age of client and wife

Age group of clients (in years)	Age group of wife (in years)							
	20-24	25-29	30-34	35-39	40-44	45-49	50+	Total
25 - 29	1.7	-	-	-	-	-	-	1.7
30 - 34	8.5	7.7	-	-	-	-	-	16.2
35 - 39	3.4	15.4	-	-	-	-	-	18.8
40 - 44	-	6.8	3.4	6.0	-	-	-	16.2
45 - 49	-	0.9	8.6	5.1	-	-	-	14.6
50 - 54	-	-	4.3	10.3	2.6	0.8	-	18.0
55 - 59	-	0.8	0.8	-	3.4	-	-	5.0
60+	-	-	-	2.6	1.7	2.6	2.6	9.5
Total	13.6	31.6	17.1	24.0	7.7	3.4	2.6	100.0
Weighted N = 117								

Mean age of the vasectomy client: 45.1 years
Mean age of the wife : 32.6 years

Table 24: Percentage distribution of the actually sterilized clients by reported number of living children

Reported number of living children	Categories of clients		
	Tubectomy	Vasectomy	All
1	3.5	2.6	3.2
2	16.6	19.7	17.7
3	35.7	23.1	31.0
4	21.6	14.5	19.0
5	10.1	14.5	11.7
6	6.0	10.3	7.6
7	4.5	10.3	6.7
8	0.5	0.8	0.6
9	1.0	2.6	1.6
10+	0.5	1.6	0.9
Total	100.0	100.0	100.0
Weighted N	199	117	316
Mean number of living children	3.7	4.2	3.9

Table 25: Percentage distribution of the actually sterilized clients by employment status of women

Employment status of wife/client	Categories of clients		
	Tubectomy	Vasectomy	All
Employed with cash earning	8.0	5.1	7.0
Employed without cash earning	0.5	0.9	0.6
Not employed	91.0	94.0	92.1
Not stated	0.5	-	0.3
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 26: Percentage distribution of the actually sterilized clients by occupation of husband/client

Occupation of husband/client	Categories of clients		
	Tubectomy	Vasectomy	All
Agriculture	10.6	26.5	16.4
Day labour	39.2	50.4	43.4
Business	25.6	12.0	20.6
Service	23.1	10.3	18.4
Not employed	1.0	0.8	0.9
Others	0.5	-	0.3
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 27: Percentage distribution of the actually sterilized clients by their educational level

Educational level	Categories of clients		
	Tubectomy	Vasectomy	All
No schooling	58.8	61.5	59.8
No class passed	9.5	1.7	6.7
Class I - IV	13.6	19.7	15.8
Class V	10.1	6.0	8.6
Class V - IX	5.5	7.7	6.3
SSC and above	2.5	2.6	2.5
Not stated	-	0.8	0.3
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 28: Percentage distribution of the actually sterilized clients by religion

Religion	Categories of clients		
	Tubectomy	Vasectomy	All
Muslim	81.9	85.5	83.2
Hindu	18.1	14.5	16.8
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 29: Percentage distribution of the actually sterilized clients by ownership of land

Status of land ownership	Categories of clients		
	Tubectomy	Vasectomy	All
Owned land	28.1	42.7	33.5
Did not own land	71.9	57.3	66.5
Total	100.0	100.0	100.0
Weighted N	199	117	316

Table 30: Percentage distribution of the service providers/helpers by status of interview

Interview status	Categories of service providers/helpers		
	Physician	Clinic staff	Helpers
Interviewed	67.6	81.0	58.3
Not interviewed	32.4	19.0	41.7
Total	100.0	100.0	100.0
Weighted N	34	42	103

Table 31: Percentage distribution of the clients whose helpers were interviewed by status of receipt of helper fee

Status of receipt of helper fee reported by helpers	Number of clients whose helpers were interviewed		
	Tubectomy	Vasectomy	All
Received	100.0	100.0	100.0
Did not receive	-	-	-
Total	100.0	100.0	100.0
Weighted N	60	45	105

Table 32: Estimated proportion of clients actually sterilized by selected upazilas

District/upazila	Selected sample size			Proportion of actually sterilized cases for the sample		
	Tub.	Vas.	All	Tub.	Vas.	All
Rangpur Sadar	20	20	40	1.00	0.30	0.65
Dinajpur Sadar	22	18	40	1.00	1.00	1.00
Rajshahi Sadar	29	11	40	1.00	0.18	0.78
Tangail Sadar	12	28	40	1.00	1.00	1.00
Kushtia Sadar	32	8	40	1.00	1.00	1.00
Jessore Sadar	11	29	40	0.91	0.90	0.90
Mymensingh Sadar	26	14	40	0.96	1.00	0.98
Barisal Sadar	14	26	40	0.93	0.85	0.88
Faridpur Sadar	23	17	40	1.00	1.00	1.00
Patuakhali Sadar	10	30	40	1.00	0.97	0.98
Sylhet Sadar	17	23	40	0.76	0.74	0.75
Chittagong Sadar	27	13	40	1.00	1.00	1.00
Total	243	237	480	0.97	0.84	0.91