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EVALUATION OF THE VOLUNTARY
STERILIZATION PROGRAM

388005-0

Tables on Bangladesh Association for
Voluntary Sterilization (BAVS) Clinics

for

January - March 1985 quarter

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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. The protocol also provides for an independent audit/evaluation of the 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 and Co. provided scope for conducting eight quarterly evaluations of the VS program covering both BDG and Non-Government Organization (NGO) clinics beginning from January-March 1985 quarter. Under the given objectives and approved methodology, the first of the eight quarterly evaluations has been completed and the report has already been submitted to the USAID, Dhaka.

The field survey of the first quarterly evaluation was carried out in March and April of 1985. It was conducted in 50 selected upazilas of the country of which 17 upazilas were selected for evaluation of both BDG and NGO clinics and the rest 33 upazilas were selected for BDG clinics only. Of the 17 upazilas where both BDG and NGO clinics were selected for evaluation, BAVS (Bangladesh Association for Voluntary Sterilization) clinics operated in 11 upazilas. The selected BAVS clinics are - Dinajpur Sadar, Rangpur Sadar, Joypurhat Sadar, Natore Sadar, Pabna Sadar, Narail Sadar, Barisal Sadar, Pirojpur Sadar, Narsingdi Sadar, Mymensingh Sadar, and Sylhet Sadar.

From those selected upazilas, 108 BAVS 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 1985 January-March quarter and hence are not repeated here.

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

ANNEXURE

Tables based only on
the BAVS clinics

Table 1: Percentage distribution of clients by
status of locating the clients

Status of locating the clients	Categories of clients	
	Tubectomy	Vasectomy
Client located	94.6	90.4
Client permanently left the address	-	5.8
Client temporarily visiting the address	5.4	-
Address not found ¹	-	3.8
Total	100.0	100.0
N	56	52

¹"Address not found" includes both those clients who never lived at the address indicated and clients whose listed addresses did not exist.

Table 2: Percentage distribution of located clients
by status of interviews

Interview status	Categories of clients	
	Tubectomy	Vasectomy
Interviewed	96.2	72.3
Not interviewed	3.8	27.7
Total	100.0	100.0
N	53	47

Table 3: Percentage distribution of the interviewed clients by reported clinics

Reported clinic	Categories of clients	
	Tubectomy	Vasectomy
Recorded clinic	100.0	94.1
Other than the recorded clinic	-	-
<u>Sterilized twice</u>		
First operation not in the recorded clinic but the second in the recorded clinic	-	5.9
Total	100.0	100.0
N	51	34

Table 4: Percentage distribution of interviewed clients by status of reported date of operation

Status of date of operation	Categories of clients	
	Tubectomy	Vasectomy
Within the quarter	100.0	94.1
Before the quarter	-	-
<u>Sterilized twice</u>		
(First operation before the quarter and second operation within the quarter)	-	5.9
Total	100.0	100.0
N	51	34

Table 5: Percentage distribution of interviewed clients by status of reported date of operation and by status of reported clinic

Status of reported date of operation	Tubectomy			Vasectomy		
	Within quarter	Within quarter and before quarter	All	Within quarter	Within quarter and before quarter	All
Status of reported clinic						
Sterilized in recorded clinic	100.0	-	100.0	94.1	-	94.1
<u>Sterilized twice</u> (Sterilized in recorded clinic and other than recorded clinic)	-	-	-	-	5.9	5.9
Total	100.0	-	100.0	94.1	5.9	100.0
N			51			34

Table 6: Percentage distribution of all selected clients by type and status of informed consent forms

Status of informed consent form	Categories of clients	
	Tubectomy	Vasectomy
<u>USAID-approved</u>		
Signed by clients	100.0	94.2
Not signed by clients	-	-
<u>No informed consent form</u> ¹	-	5.8
Total	100.0	100.0
N	56	52

¹ Informed consent forms were not available in Pirojpur Sadar upazila

Table 7: Percentage distribution of actually sterilized clients by types of informed consent forms and status of signing

Types of consent forms and status of signing	Categories of clients	
	Tubectomy	Vasectomy
<u>USAID-approved</u>		
Signed by clients	100.0	100.0
Not signed by clients	-	-
<u>No informed consent form</u>	-	-
Total	100.0	100.0
N	51	32

Table 8: Percentage distribution of actually sterilized clients by status of informed consent forms and status of receipt of surgical apparel

Status of informed consent form	Status of receipt of surgical apparel	Categories of clients	
		Tubectomy	Vasectomy
USAID-approved informed consent forms signed by clients	Received	100.0	100.0
	Did not receive	-	-
Sub-total		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
	Did not receive	-	-
Total		100.0	100.0
N		51	32

Table 9: Percentage distribution of 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
175.0	52.9	NA	NA
170.0	3.9	3.9	-
163.0	2.0	2.0	-
160.0	9.8	9.8	-
159.0	2.0	2.0	-
155.0	2.0	2.0	-
150.0	21.5	21.5	-
145.0	3.9	3.9	-
140.0	2.0	2.0	-
Total N = 51	100.0	47.1	-

Reported average amount: Tk.165.11

Estimated average amount considering the 'received any facility' category received the approved amount: Tk.175.0.

Note: NA in this table stands for not applicable cases.

Table 10: Percentage distribution of 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
175.0	93.8	NA	NA
170.0	6.2	-	6.2
Total N = 32	100.0	-	6.2

Reported average amount: Tk.174.69

Note: NA in this table stands for not applicable cases.

Table 11: Percentage distribution of actually sterilized tubectomy clients by recorded and reported referrers

Recorded referrer \ Reported referrer	NGO FP field-worker	FP field-worker (not ascertained whether BDG or NGO)	Registered Dai	Registered Agent	General public	Not stated	All
NGO FP fieldworker	60.8	-	-	3.9	7.8	2.0	74.5
FP fieldworker (not ascertained whether BDG or NGO)	-	3.9	-	-	-	-	3.9
Registered Dai	-	-	2.0	-	-	-	2.0
Registered Agent	-	-	-	7.8	-	-	7.8
General public	-	-	-	-	7.8	3.9	11.7
Total	60.8	3.9	2.0	11.7	15.6	5.9	99.9 ^a
N							51

^aPercentage total is less than 100 percent due to rounding error.

Table 12: Percentage distribution of actually sterilized vasectomy clients by recorded and reported referrers

Recorded referrer	Reported referrer							All
	BDG FP fieldworker	NGO FP fieldworker	Registered Agent	General public	Went alone	Does not know		
BDG FP fieldworker	-	-	-	3.1	-	-	3.1	
NGO FP fieldworker	-	59.4	-	-	12.5	6.3	78.2	
Registered Agent	-	15.6	3.1	-	-	-	18.7	
General public	-	-	-	-	-	-	-	
Total N	-	75.0	3.1	3.1	12.5	6.3	100.0 32	

Table 13: Percentage distribution of actually sterilized tubectomy clients by reported age of client and husband

Age group of clients (in years)	Age group of husband (in years)							Total
	20-24	25-29	30-34	35-39	40-44	45-49	50-54	
20-24	-	3.9	5.9	2.0	-	2.0	-	13.8
25-29	-	-	11.7	15.7	7.8	3.9	2.0	41.1
30-34	-	-	-	9.8	15.7	-	3.9	29.4
35-39	-	-	-	-	5.9	7.8	2.0	15.7
Total N = 51	-	3.9	17.6	27.5	29.4	13.7	7.9	100.0

Table 14: Percentage distribution of actually sterilized vasectomy clients by reported age of client and wife

Age group of client (in years)	Age group of wife (in years)							Total
	15-19	20-24	25-29	30-34	35-39	40-44	45-49	
15-19	-	-	-	-	-	-	-	-
20-24	-	-	-	-	-	-	-	-
25-29	3.1	3.1	-	-	-	-	-	6.2
30-34	-	9.4	21.9	-	-	-	-	31.3
35-39	-	3.1	12.5	3.1	-	-	-	18.7
40-44	-	-	-	-	-	-	-	-
45-49	-	-	3.1	3.1	9.4	-	-	15.6
50-54	-	-	3.1	3.1	-	-	-	6.2
55-59	-	-	-	3.1	6.3	3.1	6.3	18.8
60-64	-	-	-	-	-	-	-	-
65-69	-	-	-	-	-	-	3.1	3.1
Total N = 32	3.1	15.6	40.6	12.4	15.7	3.1	9.4	99.9 ^a

^a Percentage total is less than 100 percent due to rounding error.

Table 15: Percentage distribution of actually sterilized clients by reported number of living children

Reported number of living children	Categories of clients	
	Tubectomy	Vasectomy
1	-	3.1
2	19.6	28.1
3	27.5	18.8
4	27.5	21.9
5	11.8	12.5
6	7.8	9.4
7	3.9	-
8	1.9	6.2
Total	100.0	100.0
N	51	32

Table 16: Percentage distribution of actually sterilized clients by employment status of women

Employment status of wife/client	Categories of clients	
	Tubectomy	Vasectomy
Employed with cash earning	21.6	25.0
Employed without cash earning	5.9	-
Not employed	72.5	75.0
Total	100.0	100.0
N	51	32

Table 17: Percentage distribution of actually sterilized clients by occupation of husband/wife

Occupation of husband/wife	Categories of clients	
	Tubectomy	Vasectomy
Agriculture	15.7	25.0
Day labour	33.3	56.3
Business	23.5	12.5
Service	27.5	3.1
Not employed	-	3.1
Total	100.0	100.0
N	51	32

Table 18: Percentage distribution of actually sterilized clients by their educational level

Educational level	Categories of clients	
	Tubectomy	Vasectomy
No schooling	80.4	59.4
No class passed	2.0	-
Class <u>I-IV</u>	13.6	25.0
Class <u>V</u>	2.0	9.4
Class <u>VI-IX</u>	2.0	6.2
Total	100.0	100.0
N	51	32

Table 19: Percentage distribution of actually sterilized clients by religion

Religion	Categories of clients	
	Tubectomy	Vasectomy
Muslim	76.5	90.6
Hindu	21.6	9.4
Christian	1.9	-
Total	100.0	100.0
N	51	32

Table 20: Percentage distribution of actually sterilized clients by ownership of land

Status of land ownership	Categories of clients	
	Tubectomy	Vasectomy
Owned land	25.5	31.3
Did not own land	74.5	68.7
Total	100.0	100.0
N	51	32

Table 21: Estimated proportions of clients actually sterilized by selected upazilas

Upazilas	Sample size			Proportion of actually sterilized cases ¹		
	Tub.	Vas.	All	Tub.	Vas.	All
Dinajpur Sadar	4	-	4	1.00	-	1.00
Rangpur Sadar	4	1	5	1.00	1.00	1.00
Joypurhat Sadar	7	10	17	1.00	1.00	1.00
Natore Sadar	10	-	10	1.00	-	1.00
Pabna Sadar	3	7	10	1.00	1.00	1.00
Narail Sadar	3	10	13	1.00	0.80	0.85
Barisal Sadar	9	10	19	1.00	1.00	1.00
Pirojpur Sadar	1	5	6	1.00	0.60	0.67
Narsingdi Sadar	1	8	9	1.00	1.00	1.00
Mymensingh Sadar	3	1	4	1.00	1.00	1.00
Sylhet Sadar	11	-	11	1.00	-	1.00
Total	56	52	108	1.00	0.92	0.96

¹ After field survey of clients, the clients excluding those falling under the category, 'address not found', 'never sterilized clients', 'operations not done in the quarter' 'operations not done in recorded clinic', and 'double operations', have been considered as actually sterilized.