

### **Original Research Paper**

**Social Science** 

## SEXUAL LIFESTYLES OF MEN HAVING SEX WITH MEN (MSM) – A STUDY IN ANDHRA PRADESH (UNDIVIDED)

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#### **KEYWORDS:**

#### Introduction:

Some sex behavior and relationships in India tend to be much more fluid and the associated sexual identities do not always fall into distinctive categories (i.e. heterosexual, homosexual or bisexual) as these often do in Western cultures. Sexual roles may vary without regard to one's sexual identity or primary orientation. For some men, terms such as kothi (receptive or effeminate male partner), panthi (stereotypically penetrative or masculine male partner), "double deckers" (men who engage in both penetrative and receptive anal sex) may be invoked to describe their sexual identity, as opposed to thinking of themselves as "gay" (which may be perceived to be a foreign term). However, these identity labels do not always predict specific sexual behaviors as male-to-male sexual practices and are often fluid. Other men who privately self-identify as homosexual or gay (often those more educated), may still be having sex with both men and women because of familial pressures to marry and have children. Additionally, some men simply do not consider same sex behavior (including anal sex) as sex but rather just "masti" or play and thus may reject even being categorized as MSM - despite the fact that the term was initially intended to be a non-judgmental description of sexual behavior and distinct from one's sexual orientation or identity. Regardless of how men view and label their actions, MSM who engage in high-risk sexual behaviors put themselves and/or their partners at risk for HIV and other sexually transmitted infections (STIs). They need to be counseled regarding how to engage in sexual behaviors with reduced risk of acquiring or transmitting STIs or HIV to themselves or to their sexual partners.

Another group often associated with MSM are Hijras or Alis who are also referred to as transgenders. They too are considered a sexual minority and have been a part of Indian society at least since the existence of the first Sanskrit texts. However, Hijras or transgenders are different from MSM. Most Hijras are born biologically as males and may or may not have undergone ritual castration. In India, some have also undergone hormonal therapy and a few, surgical interventions for sex change. Additionally, transgenders form a distinct group, separate from MSM, who have a host of needs that are different as it relates both to identity, behavior, and social factors. Since the focus of this paper is on health care needs of MSM, health issues facing transgenders will not be discussed.

Providing high quality and effective health care to patients requires knowledge about their lives and circumstances. This may require taking into consideration a patient's religious and cultural beliefs, socio-economic status, and behaviors that have direct health implications. Because of stigma and ignorance, the health care issues of men who have sex with men (MSM) have often been overlooked. The lack of attention to the health care of this population has had deleterious outcomes for both individuals as well as the general public health. To assist physicians and other providers in delivering appropriate care to this population, this article provides a brief historical and cultural overview of MSM in India, and outlines some of their medical needs that clinicians can help to address, and finally discusses psycho-social issues impacting the health of this population and what health care providers can do to help address these issues in a clinical setting.

Sexual behavior refers to a great variety of distinct behavioral variables, such as sexual dreams and fantasies, self stimulation and genital masturbation, dating, kissing or sexual intercourse (Allgeier 1995). There are about 25 types of sexual behaviors in practices around the globe.

While recent years have seen increased interest in research on men who have sex with men (MSM) communities, much of this has been deficit based, focusing on the problems these individuals experience, particularly in regard to mental health and substance abuse. My intent with this research study is to provide an alternative view of MSM in research, one that highlights their supports, resources and competencies rather than the ongoing pathologizing that underscores present literature.

An attempt has made in this research to study and find-out the sexual lifestyles of men having sex with men: a study in Andhra Pradesh. The objective here is to describe and explain both sets of factors and their interaction.

The study aimed at exploring the attitudes of sexual behaviors, practice of sexual behavior, stigma, discrimination, social problems and health problems of the men who have sex with men in Andhra Pradesh on nature and patterns of sexual behavior.

#### Specific Objectives of the Study:

- To study the socio-economic profile of the respondents.
- To analyze types and levels of sexual lifestyles encountered by MSM with different individuals.
- To understand the emotional, in-depth, unshared feeling of MSM
- To know about the knowledge about the recent legal rights and decriminalizing MSM under section 377 of IPC.
- To know about the activities carried out individually or through CBOs for addressing human rights and legal rights.

#### Methodology of the Study:

In order to achieve the above aim and objectives, a descriptive research design was chosen to carry out the study.

Total 10 NGOs / CBOs selected for primary survey, from each district, was selected to conduct social work intervention program. To conduct intervention programmes, the researcher with the help of CBO leaders, NGO leaders, and project coordinators selected 20 to 25 MSMs from each CBO / NGO in every district. These MSMs were those who have not included for the primary survey. Along with these MSMs, 10 to 12 MSMs who were identified as having poor knowledge from primary survey in this CBO / NGO were also included for the intervention program. Averagely, 4 sessions were conducted in each district, some districts the researcher conducted 5 sessions, some districts 3 sessions.

The respondents are men who have sex with men / TG in Andhra Pradesh and Telangana. The size of the sample was 602 and they were selected from across using specific inclusion and exclusion criteria. A pilot study was conducted to test the feasibility of the study and the usefulness of the tool developed by the researcher

among 40 respondents. The experience gathered was helpful for the further research study. Data thus gathered was coded, tabulated and statically tested. A variety of statistical tests were applied which included Chi-square test, and ANOVA.

For conducting baseline survey an interview schedule was prepared to assess the knowledge and practices covering some questions on the knowledge aspects on STIs, HIV / AIDS, some questions on different sexual behaviors, some questions on stigma & discrimination and some questions on legal aids.

## Salient Findings of the Study: I. Socio, Economic and Demographic Features: Table-1

S.	Main Parameters	<b>Major Respondent</b>	% of
No.		Group	Respondents
1.	Age Group	36 & Above years	36%
2.	Religion	Hindu	65%
3.	Caste	Backward	47%
4.	Area of living	Urban	54%
5.	Type of Family	Joint Family	55%
6.	Monthly Income	15001 – 20000	45%
7.	Occupation	Sex Work	86%
8.	Frequency of Sex work	Daily	44%
9.	Working Sector	Private	23.08%
10.	Education	Up-to Intermediate	33%
11.	Marital Status	Un married	38%
12.	Type of House	Pucca	52%

#### II. Attitudinal Behaviour: Table - 2

S.	Main	Sub-Parameters	% of
No.	Parameters		Respondents
1.	Source of	Read Magazines.	85%
	Knowledge	Habit of reading porn articles.	66.44%
2.	Exposure to	Watch Movies.	93%
	Mass Media	Visit Cyber Cafes	82%
3.	Habits	Habit of Smoking.	62%
		Habit of drinking alcohol.	77%
		Consume alcohol with partner.	88%
		Consume alcohol occasionally.	50%
		Use of drugs & other substances	77%
		(guthka, panparag etc.,)	
		No health problems.	81.89%
4.	Outings	Going to picnics.	89%
		Not interested in going to night	67%
		parties.	

#### III. Sexual Behaviour: Table - 3

S.	Parameters	% of
No.		Respondents
1.	No Medical certificate.	85%
2.	Sexuality (Double Deckers)	28%
3.	Family members treat them as a boy.	78%
4.	Family impact on being the reason of MSM - do not know	69%
5.	Associated with girls in their childhood	62%
6.	Sexual preference – by pressure	46%
7.	Do not actively participate in intercourse with spouse.	<55%
8.	Took part in first coitus at the tender age of less than 16 - 20.	<63%
9.	No sexual Consent	<49%
10.	Sex with People Around (Friends)	<20%
11.	Did not face any sexual abuse.	<61%
12.	An inkling of their MSM behavior at the age of less than 10 years.	<61%

13.They masturbate.31%14.Both active and passive partners.<54%15.Below 10 partners in the last six months.36%16.Casual partner is one-time partner / within family / friends / employees.30%17.Regular partner is known person with emotional attachment.<51%18.Practicing anal sex21%19.Don't know the frequency of anal sex53%20.Not interested in group sex76%21.Don't know the frequency of mouth/oral sex49%22.Partner's ability to perform sex in terms of powerful penetration37%23.Wait for partners at bus stands21%24.Do not follow myths and beliefs77%25.Interest in sex with young boys69%26.Not interested in pressurizing young boys for sex58%27.Interested in cross dressing52%28.Non MSM friends46%29.Do not attend non MSM parties50%	11 . 4.347   1C value 60.20				
15. Below 10 partners in the last six months.  16. Casual partner is one-time partner / within family / friends / employees.  17. Regular partner is known person with emotional attachment.  18. Practicing anal sex  19. Don't know the frequency of anal sex  20. Not interested in group sex  21. Don't know the frequency of mouth/oral sex  22. Partner's ability to perform sex in terms of powerful penetration  23. Wait for partners at bus stands  24. Do not follow myths and beliefs  25. Interest in sex with young boys  26. Not interested in pressurizing young boys for sex  27. Interested in cross dressing  28. Non MSM friends  30%  251%  26%  270	13.	They masturbate.	31%		
16. Casual partner is one-time partner / within family / friends / employees.  17. Regular partner is known person with emotional attachment.  18. Practicing anal sex  19. Don't know the frequency of anal sex  20. Not interested in group sex  21. Don't know the frequency of mouth/oral sex  22. Partner's ability to perform sex in terms of powerful penetration  23. Wait for partners at bus stands  24. Do not follow myths and beliefs  25. Interest in sex with young boys  26. Not interested in pressurizing young boys for sex  27. Interested in cross dressing  28. Non MSM friends  28.	14.	Both active and passive partners.			
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19. Don't know the frequency of anal sex 53% 20. Not interested in group sex 76% 21. Don't know the frequency of mouth/oral sex 49% 22. Partner's ability to perform sex in terms of powerful penetration 23. Wait for partners at bus stands 21% 24. Do not follow myths and beliefs 77% 25. Interest in sex with young boys 69% 26. Not interested in pressurizing young boys for sex 58% 27. Interested in cross dressing 52% 28. Non MSM friends 46%	17.	, , ,	<51%		
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21.Don't know the frequency of mouth/oral sex49%22.Partner's ability to perform sex in terms of powerful penetration37%23.Wait for partners at bus stands21%24.Do not follow myths and beliefs77%25.Interest in sex with young boys69%26.Not interested in pressurizing young boys for sex58%27.Interested in cross dressing52%28.Non MSM friends46%	19.	Don't know the frequency of anal sex	53%		
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penetration  23. Wait for partners at bus stands 21%  24. Do not follow myths and beliefs 77%  25. Interest in sex with young boys 69%  26. Not interested in pressurizing young boys for sex 58%  27. Interested in cross dressing 52%  28. Non MSM friends 46%	21.	Don't know the frequency of mouth/oral sex	49%		
<ul> <li>24. Do not follow myths and beliefs 77%</li> <li>25. Interest in sex with young boys 69%</li> <li>26. Not interested in pressurizing young boys for sex 58%</li> <li>27. Interested in cross dressing 52%</li> <li>28. Non MSM friends 46%</li> </ul>	22.	, .	37%		
<ul> <li>25. Interest in sex with young boys</li> <li>26. Not interested in pressurizing young boys for sex</li> <li>27. Interested in cross dressing</li> <li>28. Non MSM friends</li> <li>46%</li> </ul>	23.	Wait for partners at bus stands	21%		
<ul> <li>26. Not interested in pressurizing young boys for sex</li> <li>27. Interested in cross dressing</li> <li>28. Non MSM friends</li> <li>46%</li> </ul>	24.	Do not follow myths and beliefs	77%		
27.Interested in cross dressing52%28.Non MSM friends46%	25.	Interest in sex with young boys	69%		
28. Non MSM friends 46%	26.	Not interested in pressurizing young boys for sex	58%		
	27.	Interested in cross dressing	52%		
29. Do not attend non MSM parties 50%	28.	Non MSM friends	46%		
	29.	Do not attend non MSM parties	50%		

#### IV. Social Discrimination: Table - 4

S. No.	About MSM behaviour	Relationships	% of Respondents
1.	Suspiciousness	Mother	35.04%
		Father	35%
		Sisters	33.55%
2.	Probably know	Brothers	36.37%
		Wives	35.58%
		Sister's spouse	31.22%
		Brother's spouse	41.86%
3.	Not aware	Relatives	47.17%
		Teachers	36.88%
4.	Know	Male friends	28.23%
		Female friends	29.23%
		Employer	30.23%
5.	Suggested to consult a	Mothers	76%
	doctor	Wives	86.2%
		Male Friends	85.9%
6.	Request to change behavior	Fathers	74.3%
		Sisters	86.2%
		Brothers	81.3%
		Sister's Spouse	80.9%
		Brother's	88.6%
		Spouse	
		Relatives	86.1%
		Female Friends	88.4%
		Teachers	28.4%
		Employer	78.3%
7.	Know about their MSMs and are very accepting	Mothers	78.3%
8.	Know about their MSMs and	Fathers	33.4%
	are very intolerant	Sisters	35.4%
		Brothers	26.1%
		Sister's Spouse	27.9%
		Brother's spouse	40%
		Female friends	36.9%
		Teachers	40.1%
	_	Employer	24.8%
9.	Know about their MSMs and	Wives	26.1%
	are very understanding	Relatives	31.9%
		Male friends	33.4%

#### V. Abuse: Table-5

s.	Type of Abuse	Relationship	Called	% of
No				Responde
				nts
1.	Verbal Abuse	Mother	Aadangi	18.5%
		Wife		24%
		Relatives		26.8%
		Father	Panikiranoda	17%
		Brother's Spouse		20%
		Female Friends		24.6%
		Neighbors	D-i+ 5 ( 5)	28.8%
		Sister	Point 5 (.5)	22.1%
		Employers Uncle	Vhaiia	19.5%
		Co-Workers	Khojja	18.6% 23.6%
		Brother	Other Words	16%
		Sister's Spouse	Other words	26.1%
		Aunt		19.1%
		Male Friends		25.6%
		Teachers		25.5%
2.	Non-Verbal	Mother	No Direct	
۷.	Non-Verbal Abuse	Aunt	Communicati	22.5% 16.6%
	Abuse	Teachers	on	22.5%
		Father	Making Faces	20.3%
		Brother's Spouse	iviakiliy races	20.3%
		co-workers		18.3%
		Sister	Throwing	17.6%
		Male Friends	Small Things	20.3%
		Female Friends	Mockingly.	24.3%
		Employers	, , ,	22.8%
		Brother	Not Willing	21.6%
		Uncle	Have Direct	23.8%
		Relatives	Hand Contact	29%
		Wife	Maintaining	20.5%
		Sister's Spouse	Physical	16.8%
		Neighbors	Distance	25.8%
3.	Physical Abuse	Mother	Hit with An	20.6%
٥.	Filysical Abuse	Father	Object	20.0%
		Brother	Object	24.1%
		Uncle		23.1%
		Sister	Grabbed	20.8%
		Aunt	Grabbea	19.3%
		Neighbors		18.3%
		co-workers		25%
		Wife	Tried to Slap	16.5%
		Employer	i inca to siap	22%
		Sister's Spouse	Hit	20%
		Brother's Spouse	1	18%
		Female Friends		17.8%
		Employer		22%
		Teachers		19.6%
		Male Friends	Pushed	25.8%
		Relatives	, asrieu	23.8%
4.	Material Abus	Mother	Not Providing	22.6%
٠.		Wife	Vehicle	25%
		Father	Not Providing	24%
		Relatives	Proper	22.8%
		Employers	Utensils (for	21.6%
		Employers	food, water etc.)	21.0%
		Sister	Not Providing	23.1%
		Brother	Bed Cot etc.	18.8%
		Sister's Spouse	1	19.8%
		Brother's Spouse		23.1%
		Co-Workers		18.5%
			•	

Aunt	Not Providing	25.3%
Uncle	Proper Cloths	18.6%
Male Friends		23.6%
Female Friends		24%
Neighbors		20.1%
Teachers		20.5%

## ${\it VI. Experiences of Respondents with People in Authority:} {\it Table-6} \\$

	Doctor	Police	Clients
Physical Harassment	29%	29.3%	31.8%
Beating	30.3%	36.9%	37.8%
Slapping	22.5%	27.5%	31.8%
Pushing	39.1%	40.3%	32.1%

#### **Statistical Inferences**

Association between study variables and selected demographic variables:

	Significance	Variables	Chi-Square test Results
1.	Significant	Marital Status	X <sup>2</sup> - 0.00, P 161.45
	Relationship between Age and	Alcohol Consumption	X²- 0.000, P 44.633
		Sexual Abuse	X <sup>2</sup> - 0.000, P 68.035
		Decline of Regular Partners	X²- 0.000, P 37.174
		Decline of Casual Partners	X²- 0.000, P 115.013
		Type of sexual Practice	X²- 0.000, P 238.051
		Practice of Group Sex	X <sup>2</sup> - 0.000, P 40.867
		Practice of Anal Sex	X <sup>2</sup> - 0.000, P 199.181
		Partner's ability to penetrate	X²- 0.000, P 193.138
		Hotspot to look for partners.	X²- 0.000, P 265.941
		Educational Status	X <sup>2</sup> - 0.000, P 124.849
		Initiation of sex with young boys.	X²- 0.000, P 34.522
		Knowledge about IPC section 377.	X <sup>2</sup> - 0.000, P 277.122
		Becoming members of CBO	X²- 0.000, P 27.914
2.	Significant Relationship	Hotspot to look for partners.	X <sup>2</sup> - 0.000, P 256.559
	between	Places of residence.	X <sup>2</sup> - 0.000, P 38.964
	Education and	Knowledge about IPC section 377	X²- 0.000, P 49.152
		Becoming a member of CBO	X²- 0.000, P 20.487
		Awareness on human rights	X <sup>2</sup> - 0.000, P 25.653
3.	No Significant	Income	X²- 0.624, P 13.658
	Relationship between age &	Continuance of their sexual preference after initiation	X²- 0.008, P 20.844
4.	No Significant Relationship	Myths / Beliefs	X²- 0.056 P 9.203
	between Education and	Seeking certificate on one's sexuality.	X²- 0.013 P 19.446
5.	Significant	Family member's	X²- 0.000
	Relationship	treatment in	P – 36.078
	between sexual preference later in	childhood which is a direct family	
	lives and	impact Cross dressing in childhood which is a direct family impact	X <sup>2</sup> - 0.000 P – 24.898

#### Social work Intervention with Men who have sex with Men

Social Work is a profession which promotes social change, problem solving in human relationships and the empowerment and liberation of people to enhance their overall well-being. Utilizing theories of human behavior and social systems, social work intervenes at points where people interact with their environments. Principles of human rights and social justice are fundamental to social work. (International Association of Schools of Social Work and the International Federation of Social Workers, 2001, in: BASW, 2002). The field of social work covers the following among others besides aging, child welfare, criminal justice, drugs and alcohol consumption, education, family services, health care, women, youth etc.

Social workers support universal service areas such as health, education, identifying problem areas at early stages so as to control them from going out of hand as well as tackling specific personal or social problems of individuals or communities. There is a strong body of evidence that what happens to children in early childhood influences their future life as adults. Universal support system for all families ensure every child gets a good start in life while targeted interventions for vulnerable young children and their families can prevent the on-set of problems or prevent problems from escalating or becoming entrenched. Early interventions to keep young people in school and encouraging them to have higher aspirations for their future are important measures in improving outcomes, opportunities and future life chances for children. Social workers help young people involved at school and support them to benefit from their education.

The main objective of the intervention program is to create awareness and enhance knowledge levels on STIs, HIV / AIDS, different Sexual behaviors, facing stigma & discrimination and legal aids and myths and misconception of the men who have sex with men.

# Percentage Distribution of Respondents by their Knowledge on Various Aspects of Life Pre-Test: Table - 7

S.	Variable	Knov	wledge (	Percent	age)
No		Poor	Average	Good	Total
1	Do you know about STIs	61	120	439	620
		(9.8%)	(19.4%)	(70.8%)	(100%)
2	Do you know about	90	105	425	620
	HIV/AIDS	(14.5%)	(16.9%)	(68.6%)	(100%)
3	Use of condom	294	249	77	620
		(47.4%)	(40.1%)	(12.5%)	(100%)
4	Do you Know about section	340	86	194	620
	377	(54.8%)	(13.8%)	(31.4%)	(100%)
5	Do you know about Human	356	165	99	620
	rights	(57.4%)	(26.7%)	(15.9%)	(100%)
6	Do you know about	255	213	152	620
	NGOs/CBOs	(41.1%)	(34.3%)	(24.6)	(100%)
7	Do you know about different	305	162	153	620
	sexual behavior	(49.1%)	(26.2%)	(24.7%)	(100%)
8	Do you follow myths	315	189	116	620
		(50.8%)	(30.5%)	(18.7%)	(100%)
9	Relation with family	325	193	102	620
	members	(52.4%)	(31.1%)	(16.5%)	(100%)
10	Relation with close persons	350	195	75	620
	(friends, relatives)	(56.5%)	(31.5%)	(12%)	(100%)
11	Relation with employer &	348	150	122	620
	co-employs	(56.1%)	(24.2%)	(19.7%)	(100%)
12	Employment opportunities	393	135	92	620
		(63.3%)	(21.8%)	(16.9%)	(100%)
13	Living with spouse	316	172	132	620
		(50.9%)	(27.8%)	(21.3%)	(100%)
14	Do you experience work	65	164	391	620
	place discrimination?	(10.5%)	(26.5%)	(63.0%)	(100%)
15	Do you know about your	403	142	137	620
	sexuality in your adult age?	(65.0%)	(23.0%)	(22.0%)	(100%)
16	Do you feel this sexuality will	217	179	224	620
	be a barrier for your career?	(35.0%)	(28.9%)	(36.1%)	(100%)

### Percentage Distribution of Respondents by their Knowledge on Various Aspects of Life Post-Test: Table – 8

S.	Variable	Knowledge (Percentage)				
No		Poor	Average	Good	Total	
1	Do you know about STIs	24	86	315	425	
		(5.6 %)	(20.2%)	(74.1%)	(100%)	
2	Do you know about	37	84	304	425	
	HIV/AIDS	(8.7%)	(19.8%)	(71.5%)	(100%)	
3	Use of condom	43	86	296	425	
		(10.1%)	(20.2%)	(69.6%)	(100%)	
4	Do you Know about	47	96	282	425	
	section 377	(11.0%)	(22.58%)	(66.35%)	(100%)	
5	Do you know about	60	85	280	425	
	Human rights	(14.11%)	(20.0%)	(65.9%)	(100%)	
6	Do you know about	38	92	295	425	
	NGOs/CBOs	(8.9%)	(21.7%)	(69.4)	(100%)	
7	Do you know about	31	95	299	425	
	different sexual behavior	(7.29%)	(22.35%)	(70.35%)	(100%)	
8	Do you follow myths	284	105	116	425	
		(66.9%)	(24.7%)	(8.4%)	(100%)	
9	Relation with family	43	122	260	425	
	members	(10.1%)	(28.7%)	(61.2%)	(100%)	
10	Relation with close	42	108	275	425	
	persons (friends, relatives)	(9.9%)	(25.4%)	(64.7%)	(100%)	
11	Relation with employer &	46	97	282	425	
	co-employs	(10.9%)	(22.8%)	(66.35%)	(100%)	
12	Employment	82	93	250	425	
	opportunities	(19.3%)	(21.9%)	(58.8%)	(100%)	
13	Living with spouse	56	114	255	425	
		(13.17%)	(26.82%)	(60%)	(100%)	
14	Do you experience work	284	98	43	425	
	place discrimination?	(66.8%)	(23.0%)	(10.2%)	(100%)	
15	Do you know about your	52	93	280	425	
	sexuality in your adult age?	(12.2%)	(21.9%)	(65.9%)	(100%)	

#### **Data Analysis & Conclusion:**

The percentage of the knowledge on STIs was observed in pre-test (70.8%) and it was increased to 74.1 % at post-test level. The knowledge on HIV/AIDS. also increased to pre-test (68.6%) to 71.5 % at Post-test. It was good indication of the improvement of their knowledge on Sexually Transmitted Infections and HIV/AIDS. The usage of condom was increased at post-test (69.6 %) compared to pre-test (12.5%)). Almost all two-thirds (66.35%) of the respondents was aware about section 377 in the Indian constitution compared to pre-test (31.4%). 65.9 % of the respondents who were aware about their rights to live with dignity in the society at post-test. The knowledge on the role of NGOs and CBOs for the welfare of MSM was increased. (69.4 % at Post-test compared to pre-test 24.6 %). Majority (70.35%) of the respondents were aware of the different types of sexual behaviors. The misconceptions and myths also declined after the intervention program at pre-test (66.9 %) compared to pre-test (50.8%). It was good to change the behavior of the MSMs life style. The relationship with family member (post-test 61.2 %, pretest 16.5 %) and with friend and relatives (post-test 64.7 %, at pre-test 12 %) and with spouse (post-test 60 % at pre-test 21.3 %) has increased double fold compared to pre-test. More than onehalf (58.8 %) of the respondents were able to get the employment opportunities after intervention program compared to pre-test (16.9%), the relationship with co-employers also increased to nearly two-third (66.35 % at post-test). 65.9 % of the respondents have been able to identify their sexual preferences at their early age compared to pre-test (22%). 61.2% of the respondents have agreed that their sexuality is not a barrier for their career. The discrimination against them has also decreased to (post-test 66.8 % compared to pre-test 63 %) at work place.

It can be concluded that above table indicates that intervention program has decisive influence on the knowledge of men who have sex with men in the sample respondents.