

A Study to Assess Knowledge, Perception and Practices Regarding Clean India Mission among Dental Students

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Abstract: Background: Swachh Bharat Mission was launched by our honoured Prime minister, Narendra Modi on October 2, 2014 to create sanitation facilities for all and eliminate completely the unhealthy practices. This study is conducted to assess knowledge, perception and practices regarding SBA among dental students.

Methods: A cross sectional study was conducted among 250 dental students with pretested, semi structured questionnaire in order to assess their knowledge, perception and practices regarding clean India mission. Data collected and analyzed using SPSS software.

Results: In this study, it was found that 96.4% have heard about SBA and 92% of them have identified the objectives of SBA. 61.6% students feel SBA needed in developing countries like India. 78.8% students were using soap and water for hand washing.

Conclusion: Though most of the people were having positive perception only 64.8% have participated in SBA activities. main source of information was found to be television and social media. The proportion of students disposing solid waste in community bins and using soap and water for hand washing was significantly higher among people who were aware about SBA.

Keywords: clean India mission

1. Introduction

Swachh Bharat Abhiyan in national health campaign of India which has launched on 2nd October 2014 [2] to have clean streets, roads and infrastructure in the country [1]. Father of Nation M.K Gandhi stated that sanitation is more important than independence and dreamt about clean India [3].

National Sample Survey Office [NSSO] and UNICEF also reports that majority of 71% those without sanitation 90% of all open defecation takes place in rural areas [2]. This unhygienic practices were one of the reasons for high prevalence of diarrheal diseases and hemanthic disease in the country [3].

With this background Swachh Bharat Abhiyan was launched with basic objective to create sanitation facilities for all and eliminate completely the unhealthy practices of open defecation [3].

The campaign of clean India movement is the biggest step

taken over as a cleanliness drive till date [3]. According to PM clean India campaign can improve tourism. It is known fact that community participation in very much essential for success of my health related campaign [3].

As there is no research conducted on this aspect among dental student as student are said to be vital in turning India clean and green as they are emerging crops of nation. Students have to motivate their younger ones to keep things clean. The present study is conducted with an aim to assess knowledge, perception and practices regarding swachh bharti abhiyan based on their gender and year of study.

2. Methodology

Permission: Permission was taken from the head of department, Department of Public Health Dentistry. Questionnaire is explained and informed consent was taken prior to study from study subject.

Study design: A cross sectional questionnaire based study was conducted among students of mamata dental college.

Pilot study: Questionnaire framed based on related articles distributed among 30 students to know the reliability of questionnaire.

Inclusion criteria: All the 2nd 3rd 4th year students and interns who were present during the day of the survey were included in the study. The duration of the study was from 28-05-2019 to 01-06-2019

Exclusion criteria: Students who were absent during the day of survey and not willing to participate were excluded.

Study procedure: The study was conducted among 250 dental students. Questionnaire was distributed to 2nd 3rd 4th year students and interns during their working hours 9:00 AM to 4:00 PM. A questionnaire consists of personal data and 17 questions based on clean India mission among dental students.

Statistical analysis: After the data is collected through questionnaire they are entered in excel sheet and sent for analysis.

3. Results

A total of 250 dental students were included in the study in which 90.4 % (226) are female students and 9.6% (24) are male students belonging to various academic portion and response rate is 100%.

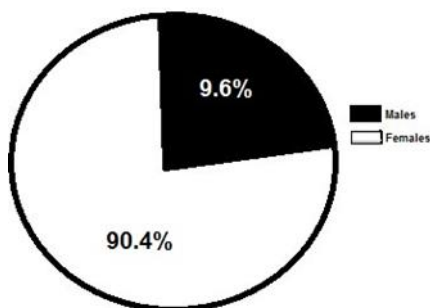


Fig. 1. Gender wise distribution of study participants

Frequency and percent distribution in year of study includes 2ndyr students 69(27.6%),3rd year students 64(25.6%),4th year students 69(27.6%)and interns 48(19.2%).

	Frequency	Percent
II BDS	69	27.6
III BDS	64	25.6
IV BDS	69	27.6
INTERNS	45	19.2
TOTAL	250	100

	Frequency.	Percent	Valid percent	Cumulative percent
Strongly disagree	6	2.4	2.4	2.4
Disagree	10	4.0	4.0	6.4
Neutral	79	31.6	31.6	38.0
Agree	127	50.8	50.8	88.8
Strongly agree	28	11.2	11.2	100.0
Total	250	100	100	

For the statement Do you think the attitude of people have to be change positively towards environment due to implementation of SBA, majority of the students (50.8%) answered Agree, while (2.4%) answered strongly disagree. Hence statistical significance was observed (p-0.09).

	Frequency	Percent	Valid percent	Cumulative percent
Sometimes	46	18.4	18.4	18.4
Always	162	64.8	64.8	83.2
Very often	41	16.4	16.4	99.6
Never	1	4	4	100
Total	250	100	100	

For the statement, do you think all the people must activity participate in SBA activities, majority of the students (64.8%) answered always, while 4% answered never. Hence statistical significance was observed (p-0.000)

For the statement, do you dispose solid waste in community bins, majority of the students 63.2% answered always, while 3.6% answered never. Hence statistical significance was observed (p-0.06).

	Frequency Percent	Percent	Valid Percent	Cumulative Percent
Sometimes	49	19.6	19.6	19.6
Always	158	63.2	63.2	82.9
Very often	34	13.6	13.6	96.4
Never	9	3.6	3.6	100
Total	250	100	100	

	Frequency	Percent	Valid Percent	Cumulative Percent
Strongly Disagree	12	4.8	4.8	4.8
Disagree	27	10.8	10.8	15.6
Neutral	59	23.6	23.6	39.2
Agree	127	50.8	50.8	90
Strongly Agree	25	10	10	100
Total	250	100	100	

For the statement, do you think the participation of leaders of community will increase the construction of people towards SBA, majority of students 50.8% answered Agree, while 4.8% answered strongly disagree. Hence statistical significance was observed (p-0.000).

4. Discussion

In this study, it was found that 241(96.4%) students out of 250 participants have heard about SBA. Present study stated that 95.6% of the students have identified proper disposal of industrial waste, ban on plastic bag usage, and improvement of savage as objectives of SBA.90.8% of students felt that SBA is a useful programme for the community and helps in the development of the country. Current study revealed that 64.8% of the students thought that all the people must actively participate in SBA activities. Majority of the females felt that SBA was propagated for political benefits which could be attributed their interest in current politics. Television (40.4%)and social media (35.6%)was found to be main source of information about SBA in current study.

5. Conclusion

The present study found that majority of the students were aware of SBA and its objectives and most of them were having positive attitude and perception towards SBA. Main source of information was found to be television and social media.63.2% of the students were disposing solid waste in community bins and using soap and water for hand washing was significantly higher among people who were aware of SBA.

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