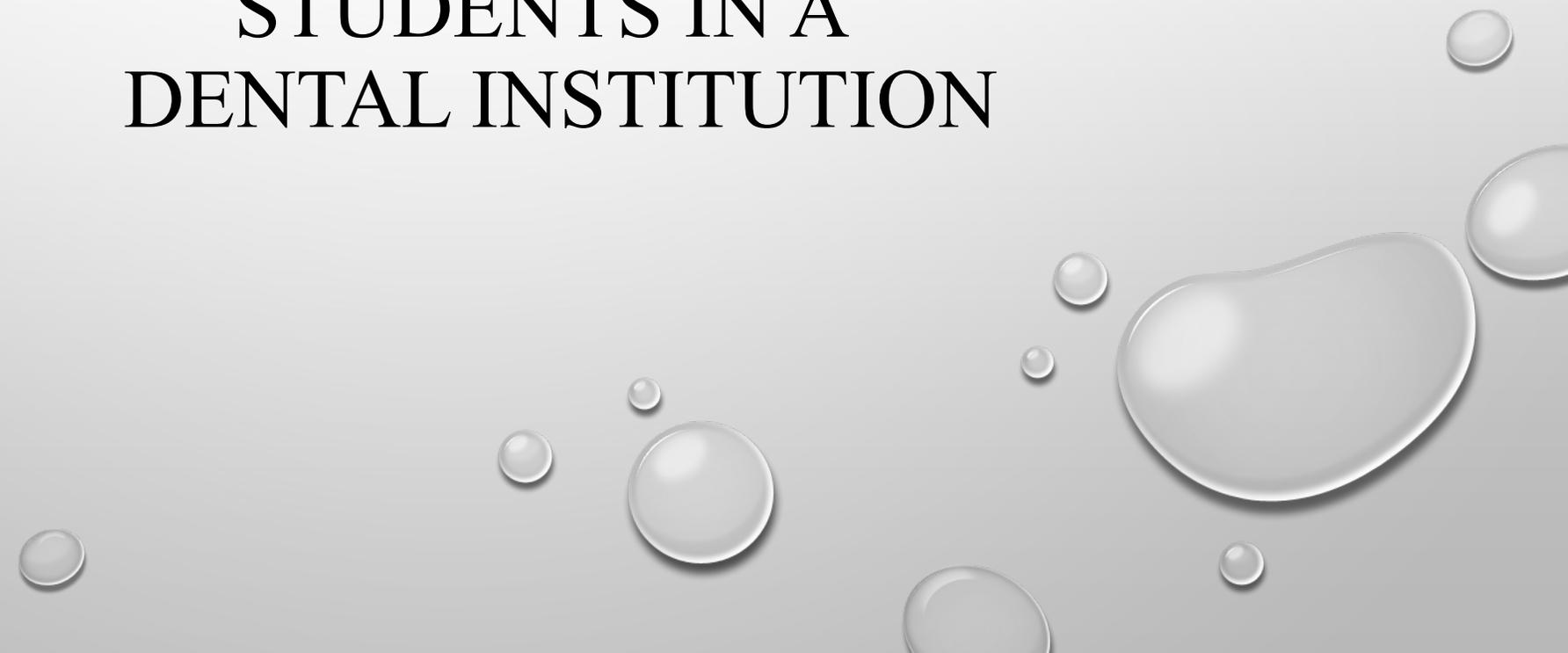




GRANT PROPOSAL

**DETERMINANTS OF PREVENTIVE ORAL
HEALTH BEHAVIOUR AMONG SENIOR DENTAL
STUDENTS IN A
DENTAL INSTITUTION**



INTRODUCTION

An integral part of one's general health is oral self-care practice, which is an effective preventive measure for maintaining good individual oral health. The health beliefs and attitudes of dental health professionals not only affect their oral self-care habits but have a potential to influence their ability to motivate patients to undertake preventive oral health measures, which in turn impacts the public's understanding of preventive oral health measures.



Ghasemi H, Murtomaa H, Vehkalahti MM, Torabzadeh H: Determinants of oral health behaviour among Iranian dentists. *Int Dent J* 2007, 57:237–242.

Freeman R: The determinants of dental health attitudes and behaviour. *Br Dent J* 1999, 187:15–18.

Cortes FJ, Nevot C, Ramon JM, Cuenca E: The evolution of dental health in dental students at the University of Barcelona. *J Dent Educ* 2002, 66:1203–1208.

Kawamura et al have strongly advocated undergraduate dental education to include comprehensive programmes in preventive care that empowers dentists to motivate patients for oral self-care and also ensures dental students to institute oral self-care regimens. It is expected that such educational effort should enable dental students develop stable health behaviours which are not influenced by individual characteristics. Therefore, it is important to study and understand how much value the final year dental students place on prevention, as such values will be reflected in the adoption of preventive oral health care practices for themselves and this study tries to assess the same.

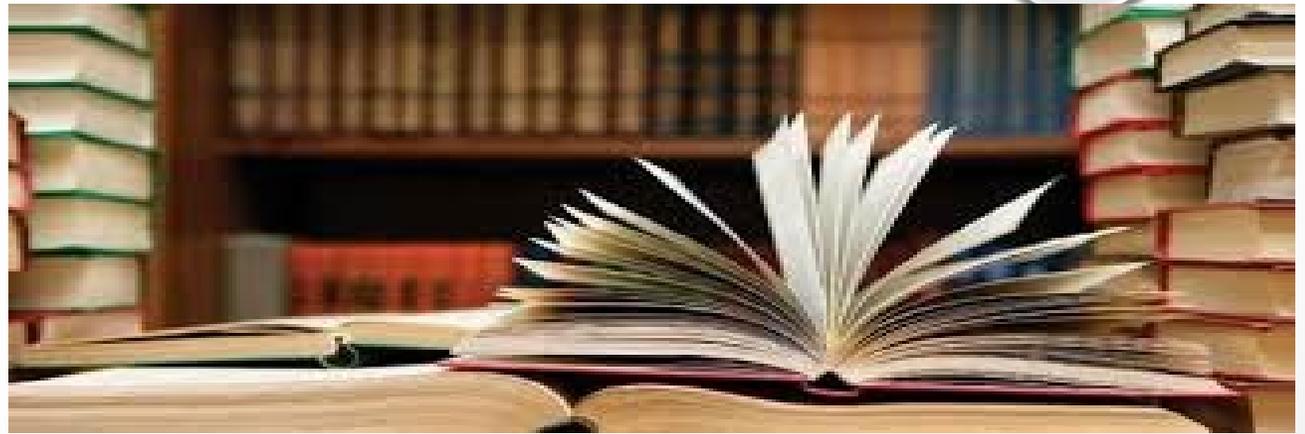


Kawamura M, Yip HK, Hu DY, Komabayashi T: A crosscultural comparison of dental health attitudes and behaviour among freshman dental students in Japan, Hong Kong and West China. *Int Dent J* 2001, 51:159–163.

Tseveenjav B: Preventive dentistry in Mongolia. Helsinki: Academic dissertation submitted to the University of Helsinki; 2004.

Polychronopoulou A, Kawamura M, Athanasouli T: Oral self-care behavior among dental school students in Greece. *J Oral Sci* 2002, 44:73–78.

REVIEW OF LITERATURE



Kawamura et al. (2002) and **Al-Omari QD et al. (2005)** observed gender differences despite of professional education exposure to the toothbrushing practices among Greek and Jordan dental students.

Differing report on the frequency of sugar consumption among the Mongolian students reported by **Tseveenjay B (2004)** showed that despite their professional education sugar consumption frequency of the students remain unchanged.

AIM OF THE STUDY

To study the association between oral health behaviour of senior dental students with their gender, age, knowledge of preventive care, and attitudes towards preventive dentistry

NULL HYPOTHESIS:

There is no association between the oral health behaviour of senior dental students and their gender, age, knowledge of preventive care, and attitudes towards preventive dentistry



RESEARCH PLAN

a). STUDY DESIGN

Cross Sectional Study

b). SOURCE OF SAMPLES

The target population will comprise of the final year dental students from a dental institution in Greater Noida

c). SAMPLE SELECTION:

Convenience sampling

d). INCLUSION CRITERIA

Only final year dental students are eligible to participate in the study

e). EXCLUSION CRITERIA

Those who are not willing to participate in the study and who do not give written informed consent

f). DURATION

Two Months



RESEARCH PLAN

METHODOLOGY:

Pre-tested & Validated Questionnaires will be distributed to students. Questionnaire consisted of following parameters:

1. Knowledge of caries preventive measures (9 questions)
2. Attitude towards preventive dentistry practice (8 questions)
3. Oral health behaviour (8 questions)

STATISTICAL ANALYSIS

To test the significant differences between subgroups Chi-square test and to calculate odds ratios (OR) and confidence intervals (95% CI) for each of the oral self-care measures Binary logistic regression models will be used. Data processing and statistical analysis will be done using SPSS.

Ethical clearance will be obtained from institute review board

INFORMED CONSENT

An informed written consent shall be taken from the respondents.



PROPOSED BUDGET REQUIREMENTS

S. No.	Sanctioned heads	Expenditure	Remarks
1.	Equipment	-	-
2.	Consumables	4000/-	Stationary items, photocopy expenses,, printing, binding etc.
3.	Contingencies	-	
4.	Overhead expenses	-	
5.	Others (if any)	1000/-	Statistical analysis
6.	Total	5000/-	

REFERENCES

- Ghasemi H, Murtomaa H, Vehkalahti MM, Torabzadeh H: Determinants of oral health behaviour among iranian dentists. *Int dent J* 2007, 57:237–242.
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- Cortes FJ, Nevot C, Ramon JM, Cuenca E: The evolution of dental health in dental students at the university of barcelona. *J dent educ* 2002, 66:1203–1208.
- Kawamura M, Yip HK, Hu DY, Komabayashi T: A crosscultural comparison of dental health attitudes and behaviour among freshman dental students in japan, hong kong and west china. *Int dent J* 2001, 51:159–163.
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- Polychronopoulou A, Kawamura M, Athanasouli T: Oral self-care behavior among dental school students in greece. *J oral sci* 2002, 44:73–78.

The background features a light gray gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text 'THANK YOU' is centered in a bold, black, serif font.

THANK YOU