

# Awareness of orthodontic treatment among law college students

Sam Jebaraj<sup>1</sup>, Naveen Kumar<sup>1</sup>, R. Sarah Sathiyawathie<sup>2\*</sup>

## ABSTRACT

**Aim:** The aim of this study is to survey the awareness of orthodontic treatment among law college students. **Objective:** The objective of this study is to survey the law college students about their awareness of orthodontic treatment. **Introduction:** In several nations, massive numbers of young aged teams square measure unaware concerning the causes, prevalence, and hindrance of most oral diseases. One in every of the foremost common dental issues besides tooth decay, odontology, and animal tissue diseases, is upset. Upset is often outlined as associate occlusion with malrelationship between the arches in any of the planes or anomalies in tooth position on the far side the conventional limits square measure thought-about one in every of the foremost common oral diseases. **Materials and Methods:** The study was conducted among 200 law college students studying at Saveetha Law College in Chennai. A questionnaire was prepared consisting of 10 questions, and it was distributed to each of them, and they were evaluated individually. The results of the study were calculated statistically analyzed both quantitatively and qualitatively. **Results:** The overall results of the study indicated that not >85% of the law college students are aware of the orthodontic treatment and their outcomes in changing their esthetic appearance. **Conclusion:** Majority of the topics within the study were aware of the term orthodontics. Close to regarding share of the topics took treatment in their young cohort; however, still, a lot of awareness needs to be generated among adult patients relating to the treatment.

**KEY WORDS:** Orthodontics, Prevention, Treatment, Awareness

## INTRODUCTION

Oral health will have an effect on the overall health and well-being of humans. In several nations, massive numbers of young aged teams square measure unaware concerning the causes, prevalence, and hindrance of most oral diseases.<sup>[1]</sup> Orthodontists and odontology science with clinical procedures will alter and hopefully improve a patient's facial look and psychosocial standing.

Awareness is that the state or ability to understand, to feel or to be acutely aware. Awareness forms the premise for coming up with oral health that is associate degree indivisible part of general health. An adequate

alignment among the teeth and interdigitation between the arches will forestall gum recession, trauma to the teeth, cavity, gum diseases, and attainable loss of teeth in some people.<sup>[2]</sup> Moreover, the treatment of disorder reduces the suffering among the patient and social embracement. Thus, it becomes highly important for us to identify the awareness of orthodontic treatment among the law college students so that they can prevent further malocclusion and cause further complications and moreover its their esthetic appearance and confidence that plays an important role for a law graduate.

## MATERIALS AND METHODS

The study was conducted among 200 law college students studying in Saveetha Law College in Chennai. A questionnaire was prepared consisting of 10 questions, and it was distributed to each of them,

### Access this article online

Website: [jprsolutions.info](http://jprsolutions.info)

ISSN: 0975-7619

<sup>1</sup>Department of Orthodontics, Saveetha Dental College, Saveetha Institute of Medical and Technical Sciences, Chennai, Tamil Nadu, India, <sup>2</sup>Department of Research, Saveetha Dental College, Saveetha Institute of Medical and Technical Sciences, Chennai, Tamil Nadu, India

\*Corresponding author: Dr. R. Sarah Sathiyawathie, Department of Research, Saveetha Dental College, Saveetha Institute of Medical and Technical Sciences, 162 Poonamallee High Road, Chennai - 600 077, Tamil Nadu, India. Phone: +91 9884156513. E-mail: [dr.sarahrobin@gmail.com](mailto:dr.sarahrobin@gmail.com)

Received on: 08-10-2018; Revised on: 19-12-2018; Accepted on: 30-01-2019

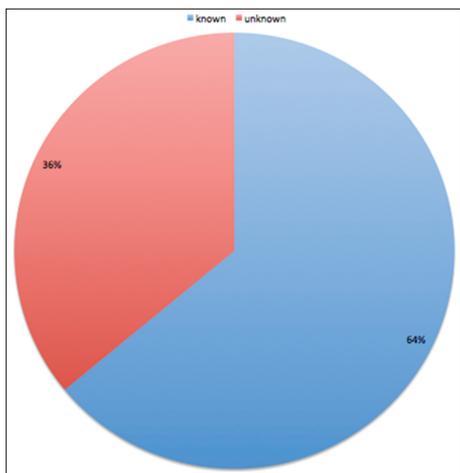


Figure 1: Knowledge about orthodontic treatment

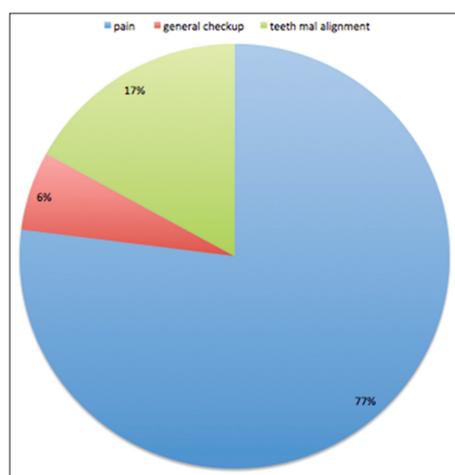


Figure 2: Reason for dental visit

and they were evaluated individually. The results of the study were calculated statistically analyzed both quantitatively and qualitatively.

## RESULTS

This study was mainly conducted to acknowledge the knowledge of law college students about orthodontic treatment. The results were given in percentage for each question asked to the individual.

1. Do you think there is a difference between general medical and dental professionals?  
On analyzing the answers, it was found that 78% of the people knew there is a difference between general medical and dental professional and the remaining 22% did not know the difference between general medical and dental professionals.
2. Are you aware of different branches of dentistry?  
On analyzing the answers, it was found that 86% of the students were not aware of the branches of dentistry and the remaining 14% of the students were about the branches of dentistry.

3. Have you heard about orthodontic (braces, clip) treatment?  
When we analyzed the answer that students had given it was found that 60% of the students were aware of the treatment and the remaining 40% of the students were not aware of the treatment [Figure 1].
4. When do you visit a dentist?  
The results showed that about 89% of the students visited the dentists only when they had tooth pain and the remaining 11% visited the dentist for teeth alignment [Figure 2].
5. Do you think healthy and well-arranged teeth are important for your appearance?  
On analyzing the results, it was found that 86% of the students did not acknowledge the appearance of teeth to affect their general appearance whereas the remaining 14% of the students gave importance to the appearance of the teeth for their general appearance.
6. Are you satisfied with your smile and your teeth alignment?  
Almost 75% of the students are completely satisfied with their smile and teeth alignment, and the remaining 25% of the students are not satisfied with their smile and teeth alignment.
7. Have you found that other people have commented on your teeth appearance?  
It was found that 79% of the students did not face any such situation where people commented on their teeth appearance but for the remaining 21% of the faced such situation where they had people comment on the appearance of their teeth alignment.
8. Do you avoid smiling because of your teeth appearance?  
On analyzing the answers, it was identified that almost 80% of the students do not avoid smiling due to their teeth appearance whereas the remaining 20% of the students feel uncomfortable to smile in a social environment due to their teeth appearance.
9. Do you think that your smile and facial appearance can be changed by orthodontic treatment?  
It was found that 85% of the students actually did not feel the appearance of face and smile can be altered entirely by orthodontic treatment and the remaining 15% of the students felt that their appearance can be changed with orthodontic treatment.
10. Do you feel confident with your smile?  
It was identified that 89% of the students felt confident about their smile and the remaining 11% of the students did not feel confident about their smile.
11. Did anyone suggest you to undertake orthodontic treatment?  
The results showed that 78% of the students were not advised to undertake orthodontic treatment and

the remaining 22% of the students were advised to undertake orthodontic treatment.

12. Has any of your friend or family undergone orthodontic treatment?

The results on analyzing showed that 58% of the students told that their family or friends have not undergone any kind of orthodontic treatment whereas the remaining 42% of the students told that their friends and family members had undergone orthodontic treatment.

13. Did you gain an overview about orthodontic treatment through this survey?

Almost 82% of the students did gain an overview of the orthodontic treatment through this survey, and the remaining 18% of the students did not get an idea about the orthodontic treatment.

## DISCUSSION

The overall results of the study indicated that not >85% of the law college students are aware of the orthodontic treatment and their outcomes in changing their esthetic appearance. Attitudes and perceptions toward dental look different among populations and people.<sup>[3]</sup> The level of dental health information, positive dental health perspective, and dental health behavior is interlinked and related to the extent of education and financial gain as incontestable by studies within the past.<sup>[4-7]</sup>

We advocate that studies be allotted on the influence of any form of data media on treatment awareness to seek out the suitable strategies of informing individuals of the topic.

## CONCLUSION

Majority of the topics within the study were aware of the term orthodontics. Continuing education of the law school students can end in associate increasing demand for this kind of service. Thus, to conclude a lot of such studies ought to be conducted with a bigger sample size to grasp regarding the future requirement of treatment and to form awareness within the general public concerning the new advent technologies.

## REFERENCES

1. Siddegowda R. An epidemiological survey on awareness towards orthodontic treatment in South Indian school children. *Open J Dent Oral Med* 2013;1:5-8.
2. New American dental association specification no 25 for dental gypsum products. *J Am Dent Assoc* 1972;84:640-4.
3. Al-Wahadni AM, Al-Omiri MK, Kawamura M. Differences in self-reported oral health behavior between dental students and dental technology/dental hygiene students in Jordan. *J Oral Sci* 2004;46:191-7.
4. Kawamura M, Iwamoto Y, Wright FA. A comparison of self-reported dental health attitudes and behavior between selected Japanese and Australian students. *J Dent Educ* 1997;61:354-60.
5. Barrieshi-Nusair K, Alomari Q, Said K. Dental health attitudes and behaviour among dental students in Jordan. *Community Dent Health* 2006;23:147-51.
6. Kawamura M, Spadafora A, Kim KJ, Komabayashi T. Comparison of United States and Korean dental hygiene students using the Hiroshima university-dental behavioural inventory(HU-DBI). *Int Dent J* 2002;52:156-62.
7. Hamilton ME, Coulby WM. Oral health knowledge and habits of senior elementary school students. *J Public Health Dent* 1991;51:212-9.

Source of support: Nil; Conflict of interest: None Declared