



AWARENESS OF VARIOUS ORTHODONTIC APPLIANCES AMONG GENERAL PUBLIC

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ABSTRACT

Mucinous cystadenoma is rare but is the most common benign appendiceal tumor. Although a benign tumor, mucinous cystadenoma can be a devastating condition if not treated optimally, as it can lead to pseudomyxoma peritonei. However, with appropriate treatment this tumor has excellent prognosis. Thus accurate diagnosis and optimal treatment is very essential in case of this tumor. In this case report we describe the clinical and histopathological features of appendiceal mucinous cystadenoma.

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INTRODUCTION

Malocclusion causes social and psychological impact because of different facial appearance, and gives rise to some oral functional problems like difficulties in jaw movements, temporomandibular joint disorders, problems with mastication, swallowing or speech and greater susceptibility to trauma, periodontal disease or caries.

Orthodontists alters and improves a patient's aesthetic appearance and psycho-social status in the society. Orthodontic treatment is useful in the treatment and improvement of developmental, functional and oral health problems^[1,2].

Few studies indicated that the different cultural and socioeconomic situations did not lead to evident differences in awareness about orthodontics and the subsequent treatment demand^[3]. Oral health status knowledge and similarly the awareness about orthodontic treatment are those that is essential prerequisite for health related behaviour and orthodontic treatment demand. Studies have shown that there is a relation between increased knowledge and better oral health^[4].

Even today many people continue to live with malocclusion though knowing the discomfort and problems of it. It is either due to the reason that people are negligent about it or the fear of orthodontic treatment as they consider it to be painful, expensive, prolonging or unaesthetic. As a dentist, it is necessary to acknowledge this problem of the people. Thus to find out the awareness of various orthodontic appliances among the general public this study was conducted.

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Aim and Objective

The aim of this article is to study the awareness of different types of orthodontic appliances among general public.

MATERIALS AND METHODS

A survey was conducted among 100 people those who are not undergoing orthodontic treatment. They were given a questionnaire which had 10 questions each to assess their knowledge about the various orthodontic appliances available in orthodontic dentistry. The data were collected, documented and statistically analysed.

RESULTS

Have you heard about lingual braces ?					
	Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	Yes	71	71.0	71.0	71.0
	No	29	29.0	29.0	100.0
	Total	100	100.0	100.0	

Where do we place lingual braces ?					
	Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	Nil	27	27.0	27.0	27.0
	Behind the teeth	10	10.0	10.0	37.0
	In front of teeth	19	19.0	19.0	56.0
	Back teeth	9	9.0	9.0	65.0
	Only back teeth	8	8.0	8.0	73.0
	Only front teeth	27	27.0	27.0	100.0
	Total	100	100.0	100.0	

How many types of braces you know about?					
	Frequency	Percent	Valid Percent	Cumulative Percent	
Valid	Two	31	31.0	31.0	31.0
	Three	27	27.0	27.0	58.0
	Four	24	24.0	24.0	82.0
	Five	18	18.0	18.0	100.0
	Total	100	100.0	100.0	

If you were to use braces, would you prefer fixed or removable?					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Fixed	23	23.0	23.0	23.0
	Removable	77	77.0	77.0	100.0
	Total	100	100.0	100.0	

What do you think is the duration of Fixed Appliance?					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 year	32	32.0	32.0	32.0
	2 years	52	52.0	52.0	84.0
	6 months	8	8.0	8.0	92.0
	More than 2 years	8	8.0	8.0	100.0
	Total	100	100.0	100.0	

Have you heard of retainers?					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	35	35.0	35.0	35.0
	No	65	65.0	65.0	100.0
	Total	100	100.0	100.0	

Have you heard about invisible braces?					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	42	42.0	42.0	42.0
	No	58	58.0	58.0	100.0
	Total	100	100.0	100.0	

Have you heard about aligners?					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	37	37.0	37.0	37.0
	No	63	63.0	63.0	100.0
	Total	100	100.0	100.0	

DISCUSSIONS

On analysing the results it was evident that 71% of the people had heard about lingual braces but only 10% of the people had known that it's placed behind the teeth which is usually not an issue when considered aesthetically. And only 18% of the people actually were aware about five types of orthodontic appliances, 24% of the people were aware about four types of orthodontic appliances, 27% of the people were aware about three types of orthodontic appliances, 31% of the people were aware about only two types of orthodontic appliances. On questioning which type of braces they'd prefer 77% of the people preferred removable appliance, whereas only the remaining 23% of the people preferred fixed appliance.

And 32% of the people consider the treatment duration of fixed appliance is minimum 1 year, 52% of the people feel it takes 2 years to complete the orthodontic treatment, and 8% of the people consider that it might take more than 2 years, and the remaining 8% feel it can be completed even in 6 months of time. When asked about retainers 65% of the people had not known about retainers whereas only the remaining 35% had heard about them, 58% of the people did not know about invisible braces and the rest 35% had known about the invisible braces, and about the aligners only 37% of the people knew about the aligners whereas the remaining 63% did not know about aligners.

CONCLUSION

With the results obtained it is seen that still many people are unaware about the orthodontic treatment options present in this day to day world. This is due to lack of information about orthodontics through any kind of media contributes to this unawareness of the people. This can be changed by conducting more dental camps on creating awareness about orthodontics.

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