



Knowledge and Awareness Regarding on Tooth Jewellery among Dental Students in Khammam City

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ABSTRACT

Tooth jewellery is a cosmetic dental trend that involves the attachment of small decorative accessories, such as gems, crystals, or gold ornaments, onto the surface of teeth. This trend has gained popularity as a non-invasive and temporary form of dental embellishment, appealing to individuals seeking unique and personalized aesthetics.

Aim: To assess Knowledge and awareness regarding tooth jewellery.

Objective: To determine the knowledge and awareness regarding on Tooth Jewellery among undergraduate dental students based on gender.

To determine the knowledge and awareness of Tooth jewellery among undergraduate dental students based on year of Study.

Method: A cross-sectional study was conducted among dental students (I, II, III, IV, Interns) in a tertiary care teaching hospital khammam using an offline paper print was designed and distributed to students in order to fill, Descriptive studies and chi-square tests were calculated using SPSS version.

Keywords: Dental Tattoo, Toothgems, Toothgrills, Twinkle.

Introduction

Tooth jewellery is a cosmetic dental trend that involves the attachment of small decorative accessories, such as gems, crystals, or gold ornaments, onto the surface of teeth. This trend has gained popularity as a non-invasive and

temporary form of dental embellishment, appealing to individuals seeking unique and personalized aesthetics.

The application process involves the use of dental-grade adhesive to bond the jewellery to the enamel

without causing damage to the tooth structure. Unlike permanent dental modifications, tooth jewellery is removable and does not require drilling or alteration of the enamel, making it a reversible and safe option when applied by a professional.

Although primarily a fashion statement, tooth jewellery also raises concerns regarding oral hygiene and potential risks such as plaque accumulation or enamel damage if not properly maintained. Regular dental check-ups and proper oral care are essential to ensure that the jewellery does not compromise oral health.

With growing interest in aesthetic dentistry, tooth jewellery continues to be a popular accessory among individuals looking to enhance their smiles with a touch of sparkle. Future advancements in dental cosmetics may further refine the materials and application techniques to improve durability and biocompatibility.

History of Tooth Jewellery

Tooth decoration has been practiced for thousands of years, dating back to ancient civilizations such as the Mayans, Egyptians, and Indians. In modern times, tooth jewelry gained popularity in the 1990s and 2000s, particularly among celebrities and fashion enthusiasts.

Types of Tooth Jewellery

1. ***Tooth gems*:** Small crystals or diamonds attached to the tooth surface.
2. ***Tooth crowns*:** Decorative crowns that cover the entire tooth.
3. ***Tooth grills*:** Decorative metal or gold plates that cover the front teeth.
4. ***Tooth stickers*:** Temporary, removable decorations that stick to the tooth surface.

Procedure for Attaching Tooth Jewellery

A dentist or a professional tooth Jewellery typically attaches tooth Jewellery using a special adhesive or bonding agent. The procedure is usually painless and reversible.

Precautions and Considerations

While tooth Jewellery can be a fashionable and unique way to express oneself, it's essential to consider the potential risks and maintenance requirements.

These include:

Oral hygiene challenges*: Tooth Jewellery can trap bacteria and food particles, leading to oral health issues.

Tooth damage*: Improper attachment or removal of tooth Jewellery can damage the tooth enamel or structure.

Allergic reactions*: Some individuals may be allergic to certain materials used in tooth Jewellery.

Methodology

A) Study design and area: A cross-sectional study was carried out at the tertiary care teaching hospital khammam.

B) Study Population: The health care students, including those of I, II, III, and IV years and interns who responded to the offline paper print questionnaire surgery.

C) Study Instrument: A self-administered questionnaire was designed based on knowledge and awareness had a total 15 questions and through offline paper print forms. Each participant has to fill in their demographic data like Name, age, and year of study. Participants had to select one option from the answers provided against questions the questions were based on knowledge and awareness regarding tooth jewellery.

D) Pilot Study: A pilot study was conducted on a group of students to assess the validity and reliability of the study.

E) Sampling Method: The sampling method used is a convenience method.

F) Inclusion Criteria: The students who were interested in the study and who are willing to participate.

G) Exclusion Criteria: Students who are not willing to participate are excluded.

H) Organizing the study: The purpose of the study was explained in a short note which was

sent. Participants were asked to select one option from the answers provided to the questions.

an Excel worksheet and evaluated for analysis. The analysis was performed by SPSS version 29.

I) Statistical Analysis: Data from the filled questionnaire was conducted in a tabular form in

Results

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Age	300	17	28	21.51	1.693
Valid N (listwise)	300				

Year of study					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	76	25.3	25.3	25.3
	2	37	12.3	12.3	37.7
	3	77	25.7	25.7	63.3
	4	65	21.7	21.7	85.0
	5	45	15.0	15.0	100.0
	Total	300	100.0	100.0	

Gender					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	120	40.0	40.0	40.0
	2	180	60.0	60.0	100.0
	Total	300	100	100.0	

Q1

Gender				Q1				Total
		1	2	3	4			
1	Year of study	1	Count	3	7	12	4	26
			% of Total	2.5%	5.8%	10.0%	3.3%	21.7%
		2	Count	3	1	3	4	11
			% of Total	2.5%	0.8%	2.5%	3.3%	9.2%
		3	Count	5	10	17	4	36
			% of Total	4.2%	8.3%	14.2%	3.3%	30.0%
		4	Count	3	8	11	4	26
			% of Total	2.5%	6.7%	9.2%	3.3%	21.7%
		5	Count	0	1	20	0	21
			% of Total	0.0%	0.8%	16.7%	0.0%	17.5%

Total			Count	14	27	63	16	120
			% of Total	11.7%	22.5%	52.5%	13.3%	100.0%
2	Year of study	1	Count	16	10	15	9	50
			% of Total	8.9%	5.6%	8.4%	5.0%	27.9%
	2	2	Count	11	7	5	3	26
			% of Total	6.1%	3.9%	2.8%	1.7%	14.5%
	3	3	Count	4	12	20	4	40
			% of Total	2.2%	6.7%	11.2%	2.2%	22.3%
	4	4	Count	1	9	27	2	39
			% of Total	0.6%	5.0%	15.1%	1.1%	21.8%
	5	5	Count	0	0	24	0	24
			% of Total	0.0%	0.0%	13.4%	0.0%	13.4%
Total		Count	32	38	91	18	179	
		% of Total	17.9%	21.2%	50.8%	10.1%	100.0%	
Total	Year of study	1	Count	19	17	27	13	76
			% of Total	6.4%	5.7%	9.0%	4.3%	25.4%
	2	2	Count	14	8	8	7	37
			% of Total	4.7%	2.7%	2.7%	2.3%	12.4%
	3	3	Count	9	22	37	8	76
			% of Total	3.0%	7.4%	12.4%	2.7%	25.4%
	4	4	Count	4	17	38	6	65
			% of Total	1.3%	5.7%	12.7%	2.0%	21.7%
	5	5	Count	0	1	44	0	45
			% of Total	0.0%	0.3%	14.7%	0.0%	15.1%
Total		Count	46	65	154	34	299	
		% of Total	15.4%	21.7%	51.5%	11.4%	100.0%	

P-value 0.007*

Q2

Gender				Q2				Total
				1	2	3	4	
1	Year of study	1	Count	11	5	8	2	26
			% of Total	9.2%	4.2%	6.7%	1.7%	21.7%
		2	Count	4	4	2	1	11
			% of Total	3.4%	3.4%	1.7%	0.8%	9.5%

		3	% of Total	3.3%	3.3%	1.7%	0.8%	9.2%		
			Count	6	6	23	1	36		
		4	% of Total	5.0%	5.0%	19.2%	0.8%	30.0%		
			Count	7	7	11	1	26		
		5	% of Total	5.8%	5.8%	9.2%	0.8%	21.7%		
			Count	0	2	19	0	21		
		Total	% of Total	0.0%	1.7%	15.8%	0.0%	17.5%		
			Count	28	24	63	5	120		
2	Year of study	1	Count	15	6	26	3	50		
			% of Total	8.4%	3.4%	14.5%	1.7%	27.9%		
		2	Count	11	12	2	1	26		
			% of Total	6.1%	6.7%	1.1%	0.6%	14.5%		
		3	Count	5	7	27	1	40		
			% of Total	2.8%	3.9%	15.1%	0.6%	22.3%		
		4	Count	9	17	13	0	39		
			% of Total	5.0%	9.5%	7.3%	0.0%	21.8%		
		5	Count	0	0	24	0	24		
			% of Total	0.0%	0.0%	13.4%	0.0%	13.4%		
		Total	Count	40	42	92	5	179		
			% of Total	22.3%	23.5%	51.4%	2.8%	100.0%		
		Total	Year of study	1	Count	26	11	34	5	76
					% of Total	8.7%	3.7%	11.4%	1.7%	25.4%
2	Count			15	16	4	2	37		
	% of Total			5.0%	5.4%	1.3%	0.7%	12.4%		
3	Count			11	13	50	2	76		
	% of Total			3.7%	4.3%	16.7%	0.7%	25.4%		
4	Count			16	24	24	1	65		
	% of Total			5.4%	8.0%	8.0%	0.3%	21.7%		

		5	Count	0	2	43	0	45
			% of Total	0.0%	0.7%	14.4%	0.0%	15.1%
	Total		Count	68	66	155	10	299
			% of Total	22.7%	22.1%	51.8%	3.3%	100.0%

P-value 0.005*

Q3

Gender			Q3				Total	
			1	2	3	4		
1	Year of study	1	Count	3	10	10	3	26
			% of Total	2.5%	8.3%	8.3%	2.5%	21.7%
		2	Count	2	6	3	0	11
			% of Total	1.7%	5.0%	2.5%	0.0%	9.2%
		3	Count	11	11	9	5	36
			% of Total	9.2%	9.2%	7.5%	4.2%	30.0%
		4	Count	6	10	10	0	26
			% of Total	5.0%	8.3%	8.3%	0.0%	21.7%
		5	Count	0	20	1	0	21
			% of Total	0.0%	16.7%	0.8%	0.0%	17.5%
Total		Count	22	57	33	8	120	
		% of Total	18.3%	47.5%	27.5%	6.7%	100.0%	
2	Year of study	1	Count	11	17	14	8	50
			% of Total	6.1%	9.5%	7.8%	4.5%	27.9%
		2	Count	1	10	10	5	26
			% of Total	0.6%	5.6%	5.6%	2.8%	14.5%
		3	Count	12	14	11	3	40
			% of Total	6.7%	7.8%	6.1%	1.7%	22.3%
		4	Count	9	10	16	4	39
			% of Total	5.0%	5.6%	8.9%	2.2%	21.8%
		5	Count	0	24	0	0	24
			% of Total	0.0%	13.4%	0.0%	0.0%	13.4%
Total		Count	33	75	51	20	179	
		% of Total	18.4%	41.9%	28.5%	11.2%	100.0%	
Total	Year of	1	Count	14	27	24	11	76

study	2	% of Total	4.7%	9.0%	8.0%	3.7%	25.4%
		Count	3	16	13	5	37
	3	% of Total	1.0%	5.4%	4.3%	1.7%	12.4%
		Count	23	25	20	8	76
	4	% of Total	7.7%	8.4%	6.7%	2.7%	25.4%
		Count	15	20	26	4	65
	5	% of Total	5.0%	6.7%	8.7%	1.3%	21.7%
		Count	0	44	1	0	45
	Total	% of Total	0.0%	14.7%	0.3%	0.0%	15.1%
		Count	55	132	84	28	299
		% of Total	18.4%	44.1%	28.1%	9.4%	100.0%

P-value 0.000*

Q4

Gender			Q4				Total	
			1	2	3	4		
1	Year of study	1	Count	6	6	10	4	26
			% of Total	5.0%	5.0%	8.3%	3.3%	21.7%
	2	Count	4	3	1	3	11	
		% of Total	3.3%	2.5%	0.8%	2.5%	9.2%	
	3	Count	21	5	6	4	36	
		% of Total	17.5%	4.2%	5.0%	3.3%	30.0%	
	4	Count	15	1	6	4	26	
		% of Total	12.5%	0.8%	5.0%	3.3%	21.7%	
	5	Count	21	0	0	0	21	
		% of Total	17.5%	0.0%	0.0%	0.0%	17.5%	
Total		Count	67	15	23	15	120	
		% of Total	55.8%	12.5%	19.2%	12.5%	100.0%	
2	Year of study	1	Count	9	14	20	7	50
			% of Total	5.0%	7.8%	11.2%	3.9%	27.9%
	2	Count	4	12	1	9	26	
		% of Total	2.2%	6.7%	0.6%	5.0%	14.5%	
	3	Count	3	10	14	13	40	
		% of Total	1.7%	5.6%	7.8%	7.3%	22.3%	

		4	Count	15	12	10	2	39
			% of Total	8.4%	6.7%	5.6%	1.1%	21.8%
		5	Count	24	0	0	0	24
			% of Total	13.4%	0.0%	0.0%	0.0%	13.4%
		Total	Count	55	48	45	31	179
			% of Total	30.7%	26.8%	25.1%	17.3%	100.0%
Total	Year of study	1	Count	15	20	30	11	76
			% of Total	5.0%	6.7%	10.0%	3.7%	25.4%
		2	Count	8	15	2	12	37
			% of Total	2.7%	5.0%	0.7%	4.0%	12.4%
		3	Count	24	15	20	17	76
			% of Total	8.0%	5.0%	6.7%	5.7%	25.4%
		4	Count	30	13	16	6	65
			% of Total	10.0%	4.3%	5.4%	2.0%	21.7%
		5	Count	45	0	0	0	45
			% of Total	15.1%	0.0%	0.0%	0.0%	15.1%
		Total	Count	122	63	68	46	299
			% of Total	40.8%	21.1%	22.7%	15.4%	100.0%

P-value 0.000*

Q5

Gender			Q5						Total		
			1	2	3	4	5	21			
1	Year of study	1	Count	4	6	5	11		26		
			% of Total	3.3%	5.0%	4.2%	9.2%		21.7%		
		2	Count	2	2	2	5		11		
			% of Total	1.7%	1.7%	1.7%	4.2%		9.2%		
		3	Count	6	11	0	19		36		
			% of Total	5.0%	9.2%	0.0%	15.8%		30.0%		
		4	Count	5	9	3	9		26		
			% of Total	4.2%	7.5%	2.5%	7.5%		21.7%		
		5	Count	1	2	1	17		21		
			% of Total	0.8%	1.7%	0.8%	14.2%		17.5%		
		Total			Count	18	30	11	61		120

			% of Total	15.0%	25.0%	9.2%	50.8%			100.0%
2	Year of study	1	Count	5	7	5	32	1	0	50
			% of Total	2.8%	3.9%	2.8%	17.9%	0.6%	0.0%	27.9%
		2	Count	4	3	7	12	0	0	26
			% of Total	2.2%	1.7%	3.9%	6.7%	0.0%	0.0%	14.5%
		3	Count	14	19	1	5	0	1	40
			% of Total	7.8%	10.6%	0.6%	2.8%	0.0%	0.6%	22.3%
		4	Count	9	14	1	15	0	0	39
			% of Total	5.0%	7.8%	0.6%	8.4%	0.0%	0.0%	21.8%
		5	Count	1	0	1	22	0	0	24
			% of Total	0.6%	0.0%	0.6%	12.3%	0.0%	0.0%	13.4%
Total		Count	33	43	15	86	1	1	179	
		% of Total	18.4%	24.0%	8.4%	48.0%	0.6%	0.6%	100.0%	
Total	Year of study	1	Count	9	13	10	43	1	0	76
			% of Total	3.0%	4.3%	3.3%	14.4%	0.3%	0.0%	25.4%
		2	Count	6	5	9	17	0	0	37
			% of Total	2.0%	1.7%	3.0%	5.7%	0.0%	0.0%	12.4%
		3	Count	20	30	1	24	0	1	76
			% of Total	6.7%	10.0%	0.3%	8.0%	0.0%	0.3%	25.4%
		4	Count	14	23	4	24	0	0	65
			% of Total	4.7%	7.7%	1.3%	8.0%	0.0%	0.0%	21.7%
		5	Count	2	2	2	39	0	0	45
			% of Total	0.7%	0.7%	0.7%	13.0%	0.0%	0.0%	15.1%
Total		Count	51	73	26	147	1	1	299	
		% of Total	17.1%	24.4%	8.7%	49.2%	0.3%	0.3%	100.0%	

P-value 0.091

Q6

Gender			Q6				Total	
			1	2	3	4		
1	Year of study	1	Count	2	11	8	5	26
			% of Total	1.7%	9.2%	6.7%	4.2%	21.7%
		2	Count	4	3	1	3	11
			% of Total	3.3%	2.5%	0.8%	2.5%	9.2%

		3	Count	3	29	2	2	36	
			% of Total	2.5%	24.2%	1.7%	1.7%	30.0%	
		4	Count	5	17	4	0	26	
			% of Total	4.2%	14.2%	3.3%	0.0%	21.7%	
		5	Count	4	13	0	4	21	
			% of Total	3.3%	10.8%	0.0%	3.3%	17.5%	
Total		Count	18	73	15	14	120		
		% of Total	15.0%	60.8%	12.5%	11.7%	100.0%		
2	Year of study	1	Count	2	19	15	14	50	
			% of Total	1.1%	10.6%	8.4%	7.8%	27.9%	
		2	Count	5	12	2	7	26	
			% of Total	2.8%	6.7%	1.1%	3.9%	14.5%	
		3	Count	5	25	8	2	40	
			% of Total	2.8%	14.0%	4.5%	1.1%	22.3%	
		4	Count	6	28	4	1	39	
			% of Total	3.4%	15.6%	2.2%	0.6%	21.8%	
		5	Count	10	13	0	1	24	
			% of Total	5.6%	7.3%	0.0%	0.6%	13.4%	
		Total		Count	28	97	29	25	179
				% of Total	15.6%	54.2%	16.2%	14.0%	100.0%
Total	Year of study	1	Count	4	30	23	19	76	
			% of Total	1.3%	10.0%	7.7%	6.4%	25.4%	
		2	Count	9	15	3	10	37	
			% of Total	3.0%	5.0%	1.0%	3.3%	12.4%	
		3	Count	8	54	10	4	76	
			% of Total	2.7%	18.1%	3.3%	1.3%	25.4%	
		4	Count	11	45	8	1	65	
			% of Total	3.7%	15.1%	2.7%	0.3%	21.7%	
		5	Count	14	26	0	5	45	
			% of Total	4.7%	8.7%	0.0%	1.7%	15.1%	
		Total		Count	46	170	44	39	299
				% of Total	15.4%	56.9%	14.7%	13.0%	100.0%

P-value 0.0.002*

Q7

Gender				Q7				Total
				1	2	3	4	
1	Year of study	1	Count	4	9	6	7	26
			% of Total	3.3%	7.5%	5.0%	5.8%	21.7%
		2	Count	2	1	6	2	11
			% of Total	1.7%	0.8%	5.0%	1.7%	9.2%
		3	Count	6	6	2	22	36
			% of Total	5.0%	5.0%	1.7%	18.3%	30.0%
		4	Count	6	8	1	11	26
			% of Total	5.0%	6.7%	0.8%	9.2%	21.7%
		5	Count	1	3	3	14	21
			% of Total	0.8%	2.5%	2.5%	11.7%	17.5%
Total		Count	19	27	18	56	120	
		% of Total	15.8%	22.5%	15.0%	46.7%	100.0%	
2	Year of study	1	Count	8	15	1	26	50
			% of Total	4.5%	8.4%	0.6%	14.5%	27.9%
		2	Count	2	5	14	5	26
			% of Total	1.1%	2.8%	7.8%	2.8%	14.5%
		3	Count	1	12	10	17	40
			% of Total	0.6%	6.7%	5.6%	9.5%	22.3%
		4	Count	3	9	3	24	39
			% of Total	1.7%	5.0%	1.7%	13.4%	21.8%
		5	Count	0	4	4	16	24
			% of Total	0.0%	2.2%	2.2%	8.9%	13.4%
Total		Count	14	45	32	88	179	
		% of Total	7.8%	25.1%	17.9%	49.2%	100.0%	
Total	Year of study	1	Count	12	24	7	33	76
			% of Total	4.0%	8.0%	2.3%	11.0%	25.4%
		2	Count	4	6	20	7	37
			% of Total	1.3%	2.0%	6.7%	2.3%	12.4%
		3	Count	7	18	12	39	76
			% of Total	2.3%	6.0%	4.0%	13.0%	25.4%
		4	Count	9	17	4	35	65
			% of Total	2.9%	5.6%	1.3%	11.3%	19.7%

			% of Total	3.0%	5.7%	1.3%	11.7%	21.7%
		5	Count	1	7	7	30	45
			% of Total	0.3%	2.3%	2.3%	10.0%	15.1%
	Total		Count	33	72	50	144	299
			% of Total	11.0%	24.1%	16.7%	48.2%	100.0%

P-value 0.002*

Q8

Gender			Q8				Total	
			1	2	3	4		
1	Year of study	1	Count	2	6	8	10	26
			% of Total	1.7%	5.0%	6.7%	8.3%	21.7%
		2	Count	5	3	1	2	11
			% of Total	4.2%	2.5%	0.8%	1.7%	9.2%
		3	Count	2	12	18	4	36
			% of Total	1.7%	10.0%	15.0%	3.3%	30.0%
		4	Count	1	5	17	3	26
			% of Total	0.8%	4.2%	14.2%	2.5%	21.7%
		5	Count	2	0	12	7	21
			% of Total	1.7%	0.0%	10.0%	5.8%	17.5%
Total		Count	12	26	56	26	120	
		% of Total	10.0%	21.7%	46.7%	21.7%	100.0%	
2	Year of study	1	Count	14	10	14	12	50
			% of Total	7.8%	5.6%	7.8%	6.7%	27.9%
		2	Count	11	6	3	6	26
			% of Total	6.1%	3.4%	1.7%	3.4%	14.5%
		3	Count	4	12	21	3	40
			% of Total	2.2%	6.7%	11.7%	1.7%	22.3%
		4	Count	5	9	22	3	39
			% of Total	2.8%	5.0%	12.3%	1.7%	21.8%
		5	Count	0	0	19	5	24
			% of Total	0.0%	0.0%	10.6%	2.8%	13.4%
Total		Count	34	37	79	29	179	
		% of Total	19.0%	20.7%	44.1%	16.2%	100.0%	

Total	Year of study	1	Count	16	16	22	22	76	
			% of Total	5.4%	5.4%	7.4%	7.4%	25.4%	
		2	Count	16	9	4	8	37	
			% of Total	5.4%	3.0%	1.3%	2.7%	12.4%	
		3	Count	6	24	39	7	76	
			% of Total	2.0%	8.0%	13.0%	2.3%	25.4%	
		4	Count	6	14	39	6	65	
			% of Total	2.0%	4.7%	13.0%	2.0%	21.7%	
		5	Count	2	0	31	12	45	
			% of Total	0.7%	0.0%	10.4%	4.0%	15.1%	
		Total		Count	46	63	135	55	299
				% of Total	15.4%	21.1%	45.2%	18.4%	100.0%

P-value 0.000*

Q9

Gender			Q9					
			1	2	4	Total		
1	Year of study	1	Count	17	9	0	26	
			% of Total	14.2%	7.5%	0.0%	21.7%	
		2	Count	5	5	1	11	
			% of Total	4.2%	4.2%	0.8%	9.2%	
		3	Count	21	15	0	36	
			% of Total	17.5%	12.5%	0.0%	30.0%	
		4	Count	14	12	0	26	
			% of Total	11.7%	10.0%	0.0%	21.7%	
		5	Count	19	2	0	21	
			% of Total	15.8%	1.7%	0.0%	17.5%	
		Total		Count	76	43	1	120
				% of Total	63.3%	35.8%	0.8%	100.0%
2	Year of study	1	Count	31	18	1	50	
			% of Total	17.3%	10.1%	0.6%	27.9%	
		2	Count	18	8	0	26	
			% of Total	10.1%	4.5%	0.0%	14.5%	
		3	Count	19	21	0	40	
			% of Total	10.6%	11.7%	0.0%	22.3%	
		4	Count	24	15	0	39	
			% of Total	13.4%	8.4%	0.0%	21.8%	
		5	Count	19	5	0	24	
			% of Total	10.6%	2.8%	0.0%	13.4%	
		Total		Count	111	67	1	179
				% of Total	62.0%	37.4%	0.6%	100.0%
Total	Year of study	1	Count	48	27	1	76	

			% of Total	16.1%	9.0%	0.3%	25.4%
		2	Count	23	13	1	37
			% of Total	7.7%	4.3%	0.3%	12.4%
		3	Count	40	36	0	76
			% of Total	13.4%	12.0%	0.0%	25.4%
		4	Count	38	27	0	65
			% of Total	12.7%	9.0%	0.0%	21.7%
		5	Count	38	7	0	45
			% of Total	12.7%	2.3%	0.0%	15.1%
		Total	Count	187	110	2	299
% of Total	62.5%		36.8%	0.7%	100.0%		

P-value 0.015*

Q10

Gender				Q10		Total
				1	2	
1	Year of study	1	Count	15	11	26
			% of Total	12.5%	9.2%	21.7%
		2	Count	11	0	11
			% of Total	9.2%	0.0%	9.2%
		3	Count	9	27	36
			% of Total	7.5%	22.5%	30.0%
		4	Count	5	21	26
			% of Total	4.2%	17.5%	21.7%
		5	Count	12	9	21
			% of Total	10.0%	7.5%	17.5%
Total	Count	52	68	120		
	% of Total	43.3%	56.7%	100.0%		
2	Year of study	1	Count	23	27	50
			% of Total	12.8%	15.1%	27.9%
		2	Count	22	4	26
			% of Total	12.3%	2.2%	14.5%
		3	Count	23	17	40
			% of Total	12.8%	9.5%	22.3%
		4	Count	18	21	39
			% of Total	10.1%	11.7%	21.8%
		5	Count	3	21	24
			% of Total	1.7%	11.7%	13.4%
Total	Count	89	90	179		
	% of Total	49.7%	50.3%	100.0%		
Total	Year of study	1	Count	38	38	76
			% of Total	12.7%	12.7%	25.4%
		2	Count	33	4	37
			% of Total	11.0%	1.3%	12.4%
		3	Count	32	44	76
			% of Total	10.7%	14.7%	25.4%
		4	Count	23	42	65
			% of Total	7.7%	14.0%	21.7%

		5	Count	15	30	45
			% of Total	5.0%	10.0%	15.1%
	Total		Count	141	158	299
			% of Total	47.2%	52.8%	100.0%

P-value 0.000

Q11

Gender				Q11				Total	
				1	2	3	4		
1	Year of study	1	Count	18	8	0	0	26	
			% of Total	15.0%	6.7%	0.0%	0.0%	21.7%	
		2	Count	8	3	0	0	11	
			% of Total	6.7%	2.5%	0.0%	0.0%	9.2%	
		3	Count	23	10	3	0	36	
			% of Total	19.2%	8.3%	2.5%	0.0%	30.0%	
		4	Count	10	15	0	1	26	
			% of Total	8.3%	12.5%	0.0%	0.8%	21.7%	
		5	Count	15	6	0	0	21	
			% of Total	12.5%	5.0%	0.0%	0.0%	17.5%	
Total		Count	74	42	3	1	120		
		% of Total	61.7%	35.0%	2.5%	0.8%	100.0%		
2	Year of study	1	Count	31	19	0	0	50	
			% of Total	17.4%	10.7%	0.0%	0.0%	28.1%	
		2	Count	21	5	0	0	26	
			% of Total	11.8%	2.8%	0.0%	0.0%	14.6%	
		3	Count	19	16	1	3	39	
			% of Total	10.7%	9.0%	0.6%	1.7%	21.9%	
		4	Count	18	16	2	3	39	
			% of Total	10.1%	9.0%	1.1%	1.7%	21.9%	
		5	Count	17	7	0	0	24	
			% of Total	9.6%	3.9%	0.0%	0.0%	13.5%	
		Total		Count	106	63	3	6	178

			% of Total	59.6%	35.4%	1.7%	3.4%	100.0%
Total	Year of study	1	Count	49	27	0	0	76
			% of Total	16.4%	9.1%	0.0%	0.0%	25.5%
		2	Count	29	8	0	0	37
			% of Total	9.7%	2.7%	0.0%	0.0%	12.4%
		3	Count	42	26	4	3	75
			% of Total	14.1%	8.7%	1.3%	1.0%	25.2%
		4	Count	28	31	2	4	65
			% of Total	9.4%	10.4%	0.7%	1.3%	21.8%
		5	Count	32	13	0	0	45
			% of Total	10.7%	4.4%	0.0%	0.0%	15.1%
Total			Count	180	105	6	7	298
			% of Total	60.4%	35.2%	2.0%	2.3%	100.0%

P-value 0.098

Q12

Gender				Q12					Total
				1	2	3	4	11	
1	Year of study	1	Count	17	9	0	0		26
			% of Total	14.3%	7.6%	0.0%	0.0%		21.8%
		2	Count	10	1	0	0		11
			% of Total	8.4%	0.8%	0.0%	0.0%		9.2%
		3	Count	20	12	3	0		35
			% of Total	16.8%	10.1%	2.5%	0.0%		29.4%
		4	Count	13	12	0	1		26
			% of Total	10.9%	10.1%	0.0%	0.8%		21.8%
		5	Count	10	11	0	0		21
			% of Total	8.4%	9.2%	0.0%	0.0%		17.6%
Total			Count	70	45	3	1	119	
			% of Total	58.8%	37.8%	2.5%	0.8%	100.0%	
2	Year of	1	Count	31	19	0	0	0	50

	study		% of Total	17.3%	10.6%	0.0%	0.0%	0.0%	27.9%
		2	Count	15	10	0	1	0	26
			% of Total	8.4%	5.6%	0.0%	0.6%	0.0%	14.5%
		3	Count	17	19	1	3	0	40
			% of Total	9.5%	10.6%	0.6%	1.7%	0.0%	22.3%
		4	Count	13	20	2	3	1	39
			% of Total	7.3%	11.2%	1.1%	1.7%	0.6%	21.8%
		5	Count	8	16	0	0	0	24
			% of Total	4.5%	8.9%	0.0%	0.0%	0.0%	13.4%
		Total			Count	84	84	3	7
			% of Total	46.9%	46.9%	1.7%	3.9%	0.6%	100.0%
Total	Year of study	1	Count	48	28	0	0	0	76
			% of Total	16.1%	9.4%	0.0%	0.0%	0.0%	25.5%
		2	Count	25	11	0	1	0	37
			% of Total	8.4%	3.7%	0.0%	0.3%	0.0%	12.4%
		3	Count	37	31	4	3	0	75
			% of Total	12.4%	10.4%	1.3%	1.0%	0.0%	25.2%
		4	Count	26	32	2	4	1	65
			% of Total	8.7%	10.7%	0.7%	1.3%	0.3%	21.8%
		5	Count	18	27	0	0	0	45
			% of Total	6.0%	9.1%	0.0%	0.0%	0.0%	15.1%
Total			Count	154	129	6	8	1	298
			% of Total	51.7%	43.3%	2.0%	2.7%	0.3%	100.0%

P-Value 0.117

Q13

Gender				Q13		Total
				1	2	
1	Year of study	1	Count	16	10	26
			% of Total	13.3%	8.3%	21.7%
		2	Count	9	2	11
			% of Total	7.5%	1.7%	9.2%

		3	Count	19	17	36
			% of Total	15.8%	14.2%	30.0%
		4	Count	12	14	26
			% of Total	10.0%	11.7%	21.7%
		5	Count	6	15	21
			% of Total	5.0%	12.5%	17.5%
Total		Count	62	58	120	
		% of Total	51.7%	48.3%	100.0%	
2	Year of study	1	Count	27	23	50
			% of Total	15.2%	12.9%	28.1%
		2	Count	19	6	25
			% of Total	10.7%	3.4%	14.0%
		3	Count	15	25	40
			% of Total	8.4%	14.0%	22.5%
		4	Count	21	18	39
			% of Total	11.8%	10.1%	21.9%
		5	Count	7	17	24
			% of Total	3.9%	9.6%	13.5%
Total		Count	89	89	178	
		% of Total	50.0%	50.0%	100.0%	
Total	Year of study	1	Count	43	33	76
			% of Total	14.4%	11.1%	25.5%
		2	Count	28	8	36
			% of Total	9.4%	2.7%	12.1%
		3	Count	34	42	76
			% of Total	11.4%	14.1%	25.5%
		4	Count	33	32	65
			% of Total	11.1%	10.7%	21.8%
		5	Count	13	32	45
			% of Total	4.4%	10.7%	15.1%
Total		Count	151	147	298	
		% of Total	50.7%	49.3%	100.0%	

P-value 0.043*

Q14

Gender			Q14		Total	
			1	2		
1	Year of study	1	Count	19	7	26
			% of Total	15.8%	5.8%	21.7%
		2	Count	10	1	11
			% of Total	8.3%	0.8%	9.2%
		3	Count	22	14	36
			% of Total	18.3%	11.7%	30.0%

		4	Count	17	9	26	
			% of Total	14.2%	7.5%	21.7%	
		5	Count	21	0	21	
			% of Total	17.5%	0.0%	17.5%	
		Total		Count	89	31	120
		% of Total	74.2%	25.8%	100.0%		
2	Year of study	1	Count	25	25	50	
			% of Total	14.0%	14.0%	27.9%	
		2	Count	21	5	26	
			% of Total	11.7%	2.8%	14.5%	
		3	Count	25	15	40	
			% of Total	14.0%	8.4%	22.3%	
		4	Count	20	19	39	
			% of Total	11.2%	10.6%	21.8%	
		5	Count	22	2	24	
			% of Total	12.3%	1.1%	13.4%	
		Total		Count	113	66	179
				% of Total	63.1%	36.9%	100.0%
Total	Year of study	1	Count	44	32	76	
			% of Total	14.7%	10.7%	25.4%	
		2	Count	31	6	37	
			% of Total	10.4%	2.0%	12.4%	
		3	Count	47	29	76	
			% of Total	15.7%	9.7%	25.4%	
		4	Count	37	28	65	
			% of Total	12.4%	9.4%	21.7%	
		5	Count	43	2	45	
			% of Total	14.4%	0.7%	15.1%	
Total		Count	202	97	299		
		% of Total	67.6%	32.4%	100.0%		

P-value 0.010*

Q15

Gender				Q15					Total
				1	2	11	12	21	
1	Year of study	1	Count	21	4	0	1	0	26
			% of Total	17.5%	3.3%	0.0%	0.8%	0.0%	21.7%
		2	Count	9	2	0	0	0	11
			% of Total	7.5%	1.7%	0.0%	0.0%	0.0%	9.2%
		3	Count	29	5	1	0	1	36
			% of Total	24.2%	4.2%	0.8%	0.0%	0.8%	30.0%

		4	% of Total	24.2%	4.2%	0.8%	0.0%	0.8%	30.0%
			Count	20	6	0	0	0	26
		5	% of Total	16.7%	5.0%	0.0%	0.0%	0.0%	21.7%
			Count	19	2	0	0	0	21
		Total	Count	98	19	1	1	1	120
			% of Total	81.7%	15.8%	0.8%	0.8%	0.8%	100.0%
2	Year of study	1	Count	30	20				50
			% of Total	16.8%	11.2%				27.9%
		2	Count	22	4				26
			% of Total	12.3%	2.2%				14.5%
		3	Count	13	27				40
			% of Total	7.3%	15.1%				22.3%
	4	Count	20	19				39	
		% of Total	11.2%	10.6%				21.8%	
	5	Count	20	4				24	
		% of Total	11.2%	2.2%				13.4%	
	Total	Count	105	74				179	
		% of Total	58.7%	41.3%				100.0%	
Total	Year of study	1	Count	51	24	0	1	0	76
			% of Total	17.1%	8.0%	0.0%	0.3%	0.0%	25.4%
		2	Count	31	6	0	0	0	37
			% of Total	10.4%	2.0%	0.0%	0.0%	0.0%	12.4%
		3	Count	42	32	1	0	1	76
			% of Total	14.0%	10.7%	0.3%	0.0%	0.3%	25.4%
	4	Count	40	25	0	0	0	65	
		% of Total	13.4%	8.4%	0.0%	0.0%	0.0%	21.7%	
	5	Count	39	6	0	0	0	45	
		% of Total	13.0%	2.0%	0.0%	0.0%	0.0%	15.1%	

	Total	Count	203	93	1	1	1	299
		% of Total	67.9%	31.1%	0.3%	0.3%	0.3%	100.0%

P-value 0.862

Discussion

A total of 300 students took part with females (60%) and males (40%). Age of participants ranging from 19 - 25 years in this study females have more knowledge regarding tooth jewellery than males among dental students. I year and III year have more knowledge followed by IV year students followed by interns students followed by II year students.

Advantages of Tooth Jewelry

1. Aesthetic appeal: Tooth jewelry can add a touch of glamour and uniqueness to one's smile.
2. Self-expression: It allows individuals to express their personality and style.
3. Confidence booster: Tooth jewelry can enhance one's self-confidence and self-esteem.

Disadvantages of Tooth Jewelry

1. Oral health risks: Tooth jewelry can trap bacteria and food particles, leading to oral health issues like tooth decay and gum disease.
2. Tooth damage: Improper attachment or removal of tooth jewelry can damage the tooth enamel or structure.
3. Allergic reactions: Some individuals may be allergic to certain materials used in tooth jewelry.
4. Cost: Tooth jewelry can be expensive, especially if done by a professional.
5. Maintenance: Tooth jewelry requires regular cleaning and maintenance to prevent oral health issues.

Conclusion

Tooth jewelry can be a fun and creative way to personalize one's smile. However, it's crucial to weigh the potential risks and benefits, choose a qualified professional for attachment and removal, and maintain good oral hygiene practices.

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