

Prevalence and Distribution of Oral Leukoplakia in Patients Attending Oral Medicine Department at Dentistry college in Tishreen University

~~Abstract~~ABSTRACT

BACKGROUND: To ~~find-out~~study the prevalence and distribution of oral leukoplakia in patients ~~who are~~ visiting the Department of Oral Medicine at Tishreen University ~~is-and~~ to evaluate the necessary to assess oral health and identify the risks of malignant transformation.

OBJECTIVES: The aim of this study was to ~~find-out~~study the prevalence and distribution of oral leukoplakia in the patients who visited the Department of Oral Medicine at Tishreen University.

MATERIALS AND METHODS: The study was conducted on 500 patients of the Tishreen Oral Medicine Department at Tishreen University. The number of males was 348 and females 152. The number of who drink alcohol was 117 and non-alcoholic 383. The number of smokers was 279 and non-smokers 221. The average age of the sample was 52 years.

RESU~~AL~~TS: ~~We found~~ The results showed that the percentage of leukoplakia in the sample was 2.8%. There was a statistically significant correlation between leukoplakia and smoking, drinking alcohol, Increase in age and sex, and no relation was found with general diseases.

CONCLUSIONS: Increased incidence and associated risk factors (smoking, drinking alcohol, increasing age and sex) require dentists to carefully examine Oral ~~mucosa~~ ~~for~~mucosa for early detection of precancerous changes and therefore early treatment.

~~-Leukoplakia, smoking, drinking alcohol~~

Introduction :

-Leukoplakia is "The ~~the~~ lesion is often a white lesion on the mucous membrane of the mouth that ~~can not~~cannot be classified as any other disease"- [1]. As such, it is not a specific disease in itself, where there is a clinical similarity and variable tissue manifestations- [2] ~~W~~hich are strongly attached to the mucosa and associated with an increased risk of cancer [4, 3]- ~~1~~, the ~~The~~ lesion has clear and variable edges over time [5,3]. Advanced models have developed red spots and there are no other symptoms- [5], ~~Mucosa~~ Mucosa sometimes though to other parts of the gastrointestinal tract or urinary tract ~~or g~~Genitals may be affected [6,7,8, 7, 8].

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leukoplakia Leukoplakia is a descriptive term that should be launched only after excluding other possible causes. The cause of the episode is not known but the risk factors include smoking chewing tobacco, excessive drinking alcohol, viruses and chronic irritation and the use of nuts [9, 3]. It is a pre-cancerous lesion where tissue biopsy generally shows an increase in correlations with or without abnormal cells [5, 3] and is mixed with lichen planus-, hyperkeratosis, and white candidiasis [3].

Treatment recommendations depend on the clinical appearance and histological examination of the lesion. When abnormal cells are present, simple surgical removal is one possible solution. In other cases, monitoring for periods of three to six months may be sufficient. [3] People are advised to stop smoking and reduce alcohol intake- [3]. In half the cases, Whenwhen smoking continues, 66% of cases Increase thick and white. [5] These cases are more common with age and usually do not occur until after 30- [3]. Rates may be as high as 8% in men over the age of 70. Several studies have been conducted on their prevalence and risk factors in several studies in different communities to determine the risk rate, which increases the predictability and ease of treatment

materials Materials and methods

The sample consists of 500 patients who visited the Department of Oral Medicine at the Faculty of Dentistry at Tishreen University, who are over 16 years of age. The number of males is 348 and females 152, and 14 cases have been diagnosed as leukoplakia. The number of smokers 279 and non-smokers 221. The number of who drink alcohol was 117 and non-alcoholic 383. The number of people with systemic diseases 101 and the number of non-infected 399. The average ages were 52 years, while the age of those infected was between 49-62 years. A research form was designed in which the researcher recorded the patient's personal information (age and gender), Smoking-smoking (intensity, duration), Drinking-drinking Alcohol-alcohol (Quantity, Frequency, Durationand Duration). The existence of general diseases through the use of indirect and directed questions. WHO standards for clinical diagnosis to leukoplakia were adopted. The statistical SPSS program was used to analyze the results.

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3-Results:

3.1 Prevalence leukoplakia of the sample:

Table 1: (3.1) Some descriptive statistics for the rate of leukoplakia.

Statistics		
leukoplakia		
N	Valid	500
Mean		.028
Std. Deviation		.165
Sum		14

Table (3.1) Some descriptive statistics for the rate of leukoplakia

The previous Table 1, shows some metadata for the variable variable. The sample in question was 500. The number of individuals who had leukoplakia 14 was 2.8% and a standard deviation 0.16.

3.2 Relationship between leukoplakia and age:

The average ages were 52 years, while the age of those infected was between 49 to 62. To test whether there was a relationship between leukoplakia and the age, we used the Point Biserial Correlation Coefficient was used in, which is expressed in Pearson Correlation as shown in Table 2, next one.

Table 2: (3.2) Correlation is significant at the 0.05 level (2-tailed).

Correlations			
		leukoplakia	age
leukoplakia	Pearson Correlation	1	.115*
	Sig. (2-tailed)		.010
	N	500	500
age	Pearson Correlation	.115*	1
	Sig. (2-tailed)	.010	
	N	500	500

Table (3.2) Correlation is significant at the 0.05 level (2-tailed).

Note from the table that the correlation coefficient value is 0.115. The correlation is linear in the sense that the longer the age, the greater the probability of a coating.

Although this coefficient is relatively small, the correlation is significant or significant at the significance level of 0.05 (Sig = 0.01 < 0.05).

3.3 Relationship between leukoplakia and sex:

The number of males who do not have a diploma is 334 and the number of females is 152. However, it should be noted that those who have a class are male only. To study the relationship between sex and class, a correlation coefficient ~~can be~~ was used as shown in Table 3.

* Crosstabulation sex

Table (3.2): Some descriptive statistics on the rate of sex-related relationship.

Count		sex		Total
		male	female	
leukoplakia	Non-leukoplakia	334	152	486
	leukoplakia	14	0	14
Total		348	152	500

Table (3.2): Some descriptive statistics on the rate of sex-related relationship

Table (3.4): Relationship between leukoplakia and sex using Phi coefficient.

Symmetric Measures		
	Value	Approximate Significance
Phi	.112	.012
N of Valid Cases	500	

Table (3.4) Relationship between leukoplakia and sex using Phi coefficient

Note from the above table that the value of the Fay correlation coefficient is 0.112, ie the correlation is positive or negative, which is a significant correlation (Sig = 0.012 < 0.05).

3.4 The relationship between leukoplakia and smoking:

~~Leukoplakia~~ Leukoplakia was distributed as follows:

There are two non-smokers and twelve smokers. To study the relationship between smoking and class, a correlation coefficient was used as shown in Table 5.

* Smoking Crosstabulation

Table (3.5): 5: The relationship between leukoplakia and smoking.

		Total	
		Non-smokers	smokers
Leukoplakia	Non-leukoplakia	219	267
	leukoplakia	2	12
Total		221	279

Table (3.5): The relationship between leukoplakia and smoking

Table (3.6): The relationship between leukoplakia and smoking using the laboratory

Fay.

Symmetric Measures

	Value	Approximate Significance
Phi	.154	.008
Cramer's V	.154	.008
N of Valid Cases	500	

Note from the above table that the value of the coefficient of Fay correlation is 0.154, ie the correlation is positive or negative, which is a significant correlation (Sig = 0.008 < 0.05). In the sense that those who are increasing their smoking are more likely to have a class.

3.5 The relationship between leukoplakia and drinking alcohol:

Six people in the sample do not drink alcohol and eight drink . To study the relationship between drinking alcohol and leukoplakia can be used Chi-Square test.

* Alcohol consumption Crosstabulation

Table (3.7): 7: Relation between drinking alcohol and leukoplakia

		Total	
		Non-alcoholic	alcoholic
leukoplaki	Non-leukoplakia	377	109
a	Leukoplakia	6	8
Total		383	117

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Table (3.7) Relation between drinking alcohol and leukoplakia

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Table (3.8) Relation between drinking alcohol and leukoplakia using Chi-Square Test

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	14.890 ^a	2	.001
Likelihood Ratio	9.971	2	.007
Linear-by-Linear Association	13.800	1	.000
N of Valid Cases	500		

Table (3.8) Relation between drinking alcohol and leukoplakia using Chi-Square Test

From the table above, the value of the Chi-Square test index is 14.89 and the test is significant at the significance level of 0.05 (Sig = 0.001 < 0.05). That is, there is a link between drinking alcohol and leukoplakia.

3.6 The relationship between leukoplakia and systemic diseases

The distribution leukoplakia among sample is as follows: Thirteen people are without systemic diseases and only one is with. To study the relationship between leukoplakia and systemic diseases, the correlation coefficients can be used coefficient of Phi

Crosstabulation

Table?

Count

		Systemic diseases		Total
		without	with	
leukoplakia	Non-leukoplakia	386	100	486
	leukoplakia	13	1	14
Total		399	101	500

(3.9)

Table?

Symmetric Measures

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	Value	Approximate Significance
Phi	-.055	.220
N of Valid Cases	500	

Note from the above table that the value of the coefficient of Phi correlation is equal to 0.055, ie, the correlation is weak and is insignificant at the level of 0.05 (Sig = 0.22 > 0.05). It is not clear that those who have leukoplakia have a disease.

4. Discussion:

The prevalence of our study was 2.8% while the prevalence was 0.9% in a study by Reichart et al—[10]. While a high proportion was observed in Zhang et al. 9.18% [11] and 9.3% in a study conducted by Kumars et al [12] among the tribal population of Kundam province. In a study by Granero et al [13] in Mallorca it was 5,1% and It was 22% at Patil s et al [14].

The difference between prevalence rates in different studies is explained by a number of factors, including: sample size, the nature of the studied society, common habits (smoking and drinking alcohol) and the age of the studied sample, where we see a significant increase in prevalence in studies conducted on older persons- [14]. The nature and climate of the region may also play a role- [12]. We found in our study that there was a positive correlation between the prevalence of the leukoplakia and the increase in age. Reichart et al. [15] agreed with us because he studied the German elders to a similar result while R Chandran et al. [16] Kassab et al [17] disagreed with us in a study conducted at the Lebanese University found no difference in the distribution of oral lesions among age groups. Several studies [15] [10] have found a positive correlation between age and leukoplakia. This may be explained by histological changes that occur with increase in age, as well as by prolonged use of oral habits (smoking, drinking alcohol).

In our study, we found that only males were affected by leukoplakia, indicating their association with sex. PA Reichart et al. [10] agreed that males are more affected than females 1.6% to 0.2%.

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A study conducted in Budapest by J.Banoczy et al. [10] Where the ratio of males to females was 3.2% to 1% and It also reached the same ~~conclusion~~ Sujathy conclusion Sujathy et al.[19] and Patil S et al. [14]. In a study carried out by Cebeci Ar et al. in Ankara [52], the number of men was four times greater than that of women. These results may explain the different oral habits of the sexes (smoking and drinking alcohol) and may be the cause of occupational stress [21] and sex there are no studies to prove a direct relationship.

We found a positive correlation between prevalence of leukoplakia and smoking and this is consistent with many studies Femopase Fl et al. [22] Gary et al.[23] Saraswathi et al. [24] Zhang et al. [11] and Mathewall et al [25]. The agreement between studies on the presence of such a relationship may explain the effect of nicotine on the oral mucous and the changes it causes in mucous membranes. We found that there was a positive correlation between drinkink alcohol and leukoplakia, and we agreed with that, Zhang et al. [11], Saraswathi et al [26], ~~and~~ and Sujathd et al.[19] and Rooban et al.[27]

While Cebeci Ar et al. [20] did not find a relationship between drinking alcohol and the risk of developing oral lesions. Explanation of the effect of drinking alcohol on the oral mucous where the excessive use of high alcohol, which contains (more than 25%) to the presence of gray board [28].

In our study, there was no relationship between the prevalence of leukoplakia and the presence of systemic diseases. Agreed with us Cebeci Ar et al. [20] This may be due to the low age of the sample and the nature of the studied society while Reichart et al. [15] disagreed with us This may be because he studied German elders with a high proportion of systemic diseases as a result of age.

Conclusions:

The prevalence and distribution of oral leukoplakia were influenced by a range of factors (smoking, drinking alcohol, sex and age), but no association was found with systemic disease, which should prompt dentists to examine the oral mucous in the most high risk factor groups for early detection of pre-cancerous lesions .

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References

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1. Neville BW; Damm DD; Allen CM; Bouquot JE. (2002). Oral & maxillofacial pathology (2. ed.). Philadelphia: W.B. Saunders. pp. 337–345. ISBN 0-7216-9003
2. Greenberg MS, Glick M (2003). Burket's oral medicine diagnosis & treatment (10th ed.). Hamilton, Ont.: BC Decker. pp. 87,88,90–93,101–105. ISBN 1-55009-186-7
3. Villa, A; Woo, SB (26 October 2016). "Leukoplakia-A Diagnostic and Management Algorithm". Journal of Oral and Maxillofacial Surgery. 75: 723–734. doi:10.1016/j.joms.2016.10.012. PMID 27865803
4. Scully, C; Porter, S (Jul 22, 2000). "ABC of oral health. Swellings and red, white, and pigmented lesions". BMJ (Clinical research ed.). 321 (7255): 225–8. doi:10.1136/bmj.321.7255.225. PMC 1118223. PMID 10903660
5. Neville, Brad W.; Damm, Douglas D.; Chi, Angela C.; Allen, Carl M. (2015). Oral and Maxillofacial Pathology (4 ed.). Elsevier Health Sciences. pp. 355–358. ISBN 9781455770526. Archived from the original on 2017-09-10
6. Banfalvi, Gaspar (2013). Homeostasis - Tumor - Metastasis. Springer Science & Business Media. p. 156. ISBN 9789400773356. Archived from the original on 2017-09-10
7. Wein, Alan J.; Kavoussi, Louis R.; Novick, Andrew C.; Partin, Alan W.; Peters, Craig A. (2011). Campbell-Walsh Urology: Expert Consult Premium Edition: Enhanced Online Features and Print, 4-Volume Set. Elsevier Health Sciences. p. 2309. ISBN 9781416069119. Archived from the original on 2017-09-10
8. Montgomery, Elizabeth A.; Voltaggio, Lysandra (2012). Biopsy Interpretation of the Gastrointestinal Tract Mucosa: Volume 1: Non-Neoplastic (2 ed.). Lippincott Williams & Wilkins. p. 10. ISBN 9781451180589
9. Underner, M; Perriot, J; Peiffer, G (January 2012). "[Smokeless tobacco]". Presse Médicale. 41 (1): 3–9. doi:10.1016/j.lpm.2011.06.005. PMID 21840161
10. PA Reichart* and H Kohn, Oral Dis dec,2(4):291-4 1996
11. Zhang X1, Li C, Song Y, Reichart PA Oral Maxillaofal Surg dec,14(4):195-202 2008
12. Kumar S1, Muniyandi M , Asian Pac J Canser Rev . 16(4):15-8 2015
13. Granero Fernandez M1, Lopez-Jornet P2 Aust Dent J mar,62(1) :47-51 .2016
14. Patil S1, Doni B2, Maheshwari S3 Can Geriatr J mar31 ,18(1) :11-40 2015
15. Reichart PA et al, Oral Dis nov,9(6):302-4 1996
16. R Chandran, S Meer, L Feller Oral Dis sep,19(6):592-7 2012
17. El Toun S1, Cassia A1, Bouchi N2, Kassab I2. Int J Dent 4030134 2018
18. Department of Conservative Dentistry (Director: Prof. J. Bánóczy, M.D., C.Sc.), Faculty of Dentistry, Semmelweis Medical University, Budapest, Hungary 2005
19. Sujatha D1, Hebbar PB, Pai A.2012 The Oxford Dental College and Hospital, Bangalore, India
20. Cebeci AR1, Gülşahi A, Kamburoglu K, Orhan BK, OztaşB Med Oral Patol Oral Cir Bucal jun1,(416):e272-7 2009
21. Dagli RJ1, Kumar S, Mathur A, Balasubrimanyam G, Duraiswamy P, Kulkarni S Med Oral Patol Oral Cir Bucal nov1,13(11):e687-92 2008

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22. Femopase FL1, Binagui MV, López de Blanc S, Gandolfo M, Lanfranchi HE. *Acta Odontol Latinoam* 10(2):89-99 1997
23. GARY CHADMARTIND.D.S., M.P.H.1JOHN P.BROWNB.D.S., PH.D.2CLAYTON W.EIFLERPH.D.3GLEN D.HOUSTOND.D.S., M.S.D.1999
24. Splieth CH1, Sümniig W, Bessel F, John U, Kocher T *Quintessence Int.* V104 2007
25. Mathewal , *Indian J Dent Res* apr-jun,19(2):99-103 2008
26. Saraswathi TR1, Ranganathan K, Shanmugam S, Sowmya R, Narasimhan PD, Gunaseelan R *Indian J Dent Res* sep,17(3):121-5 .2006
27. Rooban Thavarajah *Arch Oral Biol* jun,51(6):512-9 2006
28. Højgaard, AD; Jessen, AL (Aug 26, 1991). "[Bladder leukoplakia]". *Ugeskrift for læger*. 153 (35): 2408–9. PMID 1949238 .

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