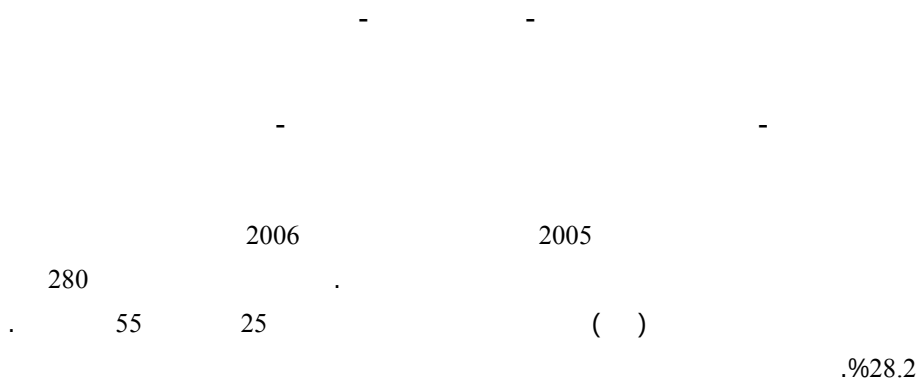


تقييم وجود الإصابات الطفيلية في التجويف الفموي في المرضى المطابين بأمراض ماحول السن في محافظة كربلاء، العراق.



Abstract

During the period from May2005 till January2006,study was under taken to evaluation of occurrence of parasitic infections in oral cavity in patients with periodontal disease in Kerbala province. A total of 280 sample were examined from periodontal places and plaque, the examined sample were ranging from 25year old to more than 55year old. The over all percentage of infection was 28.2%.Signifecant differences were recorded between the over all percentage of infection and age as well as some factors like as smoking and working some medical habites.

Trichomonas tenax *Entamoeba gingivalis*
dental tartar oral cavity
Bacterial plaque
(Sarowsk *et al.* ,2004) %95.5_71
cyst Trophozoite
(Feki &Molet, 1995)

. (Hayawn & Bayoumy ,1992)

280

95)

85

.(

Scraping

match stich

direct smear (2000

normal saline

Giemsa stam

. (Vrablic *et al.*,1992)

p<0.05 x2 _test

. (1985)

(M35_5)

sluggish prominent

M13 _5

. (Lyons & palmer ,1983)

79 () 280

(1)% 28_2

%.20.0 %42.4

(2)

(%48.0) 55_ 46

. (%18.0) 35_25

.0.05

(3)

(%34.0)

%17.0

5 4

.(%16.0) (%44.2)

%38.2

(%21.2)

.

(1)%28.2

143

Mahdi &AL_Saeed (1993)

Hayawan & Bayoumy (1992)

Feki & Molet (1990)

%20.6

Athari *et al.*(2007)

Pestechyan (2002)

%28

. %46

55_46

(2)

35_25

%48.0

%0.18

(Wantland & Lauer, 1970;)

.(Feki &Molet ,1990 ;Vrablic *et al.* ,1991 ;Daghigh & ghabanchi , 2008)

Antibiotic

70

(Mahdi &AL_Saeed ,1993)

.(Vrablic *et al.* ,1992)

(Yamamoto *et*)

al. ,2000

.(Athari *et al.* ,2007)

3

(%17.0)

% 34.0

()

(Vrable *et al.* ,1992)

.(Aguiar,2001)

4

(%44.2)

.(%16.0)

(Yamamoto *et al.* ,2000)

.

.(Feki &Molet,1990)

(5)

(%21.2)

.(%38.2)

.(2004)

Streptococci

Tannic acid

.

)

Trimethyl amine

(

.(1981)

.

1:

%			
42.4	45	106	
20.0	34	174	
28.2	79	280	

2:

%			()
18.0	18	101	35-25
25.2	25	99	45-36
48.0	23	48	55-46
41.0	13	32	<55
28.2	79	280	

30.7*

X2

59 .12

(0,05)

X2

.0.05

*

3:

%			
34.0	63	185	
17.0	16	95	
28.2	79	280	

8.6*

X2

5.99

(0,05)

X2

.0.05

*

:4

%			
44.2	54	122	
16.0	25	158	
28.2	79	280	

28.4*

X2

5 .gg

(0.05)

x2

. 0.05

*

:5

%			
21.2	35	165	
38.2	44	115	
28.2	79	280	

10.1*

g

5.99

(0.05)

g

.(0.05)

*

(2000)

487:

469

.(1989)

.(1981)

Actinobacillus

_(2004)

actiomycetecomitans

64:

Aguiar, E.C (2001) . relation between buccal protozaq and ph and salivary IgAin patients with dental prothesis. Rev.Inst.Hed.Trop.S.paulo,43(4).

- Athari, A; Soghandi, L; Haghighi, AX Kazemi,B.(2007). Prevalence of oral trichomoniasis in patients with periodontitis and gingivitis using PCR and direct smear. Iranian J. Publ. Health,36(3);33-37.
- Daghigh, M; Ghabanhi, J. (2008).Evaluation of prevalence of oral *Entamoeba gingivalis* and *Trichomonas tenax* .
- Hayawni, J.A. Bayoumy,M.M.(1992).The prevalence of *Entamoeba gingivalis* and *Trichomona tenax* periodontal disease.J.E_Son.parasitol;22(11)in=101-5.
- Feki, A.X Molet,B.(1990).Importance of *Trichomonas tenax* and *Entamoeba gingivalis* protozoa in the protozoa in the human oral cavity.Rev.Odontostomatol;19(1)=37-45.
- Lyons, T.& Palmer ,J.C.(1983) .Oral amoebiasis: the role of *Entamoeba gingivalis* in periodontal disease. Quintes.Int .12:1245-48.
- Mahdi, N.K.&AL-Saeed,A.T(1993) .*Trichomonas tenax* in Basrah,Iraq.J.pak. Med.Assoc.,43(12) :261-62.
- Pestechyan ,N.(2002) .Frequency of *Entamoeba gingivalis* and *Trichomonas tenax* in patients with periodontal diseases and healthy controls in Isfahan Province, Iran (2002) .Proceeding of 4th Iranian Congress of Parasitology, Mashad,pp.117.
- Sarowska ,J.;Wojnicz , D.;kaczkowki, H. & Jankowas –KI,S.(2004) .The occurrence *Entamoeba gingivalis* and *Trichomonas tenax* in patients with periodontal disease .Adv.Clin .Exp. Med .,13(2) :291-97.
- Vrablic, J; Tomova, S.; Catar G.; Randova, L. & Suttova,(1991) .Morphology and diagnosis of *Entamoeba gingivalis* and *Trichomonas tenax* and their occurrence in children and adolescents. Bratisl Lek.List.,92(5) ;241-46
- Vrablic, J.; Tomova, S.; Catar,G.(1992).Occurrence of the protozoa ,*Entamoeba gingivalis* and *Trichomonas tenax* in the mouths of children and adolescents with hyperplastic gingivitis caused by phenytoin. Brastisl Lek .Listy., 93(3) :136-40 .
- Wantland, W.W. & Lauer, D.(1970).Correlation of some oral hygiene variable with age ,sex and incidence of oral protozoa .J.Dental. Res., 49:293-97.
- Yamamoto, A.; Asaga, E.; Naguo, E.; Igarashi ,T.& Goto, N.(2000). Oral microbiology and immunology. 15 (6) :360-364 .