Is the burden of oral diseases higher in urban disadvantaged community compared to the national prevalence?

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Bac g d: The urban low income has often been assumed to have the greatest dental treatment needs compared to the general population. However, no studies have been carried out to verify these assumptions. This study was conducted to assess whether there was any difference between the treatment needs of an urban poor population as compared to the general population in order to design an intervention programme for this community.

Meth d : A random sampling of living quarters (households) in the selected areas was done. 586 adults over 19 years old living in these households were clinically examined using World Health Organization (WHO) Oral Health Survey criteria 4th edition (1997).

N -c cable d ea e (NCD) a e c ... e a g ba c, Teb. de fNCD, g 🖬 🖈 a d dd.ecec., c, b. edb. e, a da, bec ga a, ba, e, dee, e adaceee f e M ... e De e e G a., (MDG) [1]. T e e c e ca eg , e (, 🚸 dd e a d g), def ed f, W.dHea O.ga a (WHO) e be.c., e a.e ba ed e W.dBa, fec e f. e ea 2011 (, e ea ed J. 2012) [2]. Acc , d g e W , d Ba 1 2013, Maa, a, c, de ed a, a, dd e- c, e c [3]. O e f e eg ec ed c d NCD de a a d ea e T e de a d ea e b de a a, b, c, ea, b, e, g, c, e, c, a, ★e, a, a, g, ★g, b, de a ", ★a, d, dd, ec e"c, e [4]. T e WHO , a ea , g, a e a 🖈 1 ed a d clea e a 🖈 e e la ea cale [5]. Te c f e WHO G ba O a Hea P g, a e e a ed a a ea d be a eg, a

Da a c ... ec ed \bigstar c eo ed f . c ... e e e f ... \bigstar d b da a c ea g ... a a ... A a ... \bigstar d e ... g SPSS. e. 16. De c ... e a ... c ... c a f. e . e c d ... b. a d c ... ab. a \bigstar d e de e e e ... e a e cea d ... e ed. f e a ... a d ea e ... T e ea ... a e (CL) \bigstar e de ... ed f ... ca e e ... e cea d ... c e ... (DMFT). T e c ... a e e ... \bigstar e ... e ... be \bigstar e e a ... a d ea e ... e ... c ... T e ... g f ca ce ... e a 5% (< 0.05).

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A a f 586 ad..., 19 ea., a d ab e... g e e e e e d \checkmark e c. ded. Tab e 1, \checkmark e e ea de a e e eed b de g a c c a ac e. c. T e e \checkmark e fe a e (60%) a a e (40%). Maa ade e a (81.1%) f e a e, f. \checkmark ed b I d a (17%) a d C e e (1.2%). T e d a e \checkmark e e a fed age g. e e e g g ad..., dd e aged a d e e de... T e a f e a (80.5%) e ed e f. f de a e e ega d e, f ge de (=0.362). H \checkmark e, e g e rea e eed \checkmark e a g C e e (85.7%). T e ge ad. g. (19-29 ea.) \checkmark f d a e g fca e e e a de a e e e e a e e e a e e de age g. (=0.000).

 Table 2
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 e e ce (DMFT de)

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 . T e e calcale
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 70.5%. T e
 ea
 DMFT \bigstar 12.7 (95% CI = 11.89

 13.44)
 \bigstar g ee (MT) c
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 b

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 . e.
 ea
 = 8.73 (95% CI = 7.96-9.50) f

 \bigstar d b
 deca ed ee (DT) c
 e
 , e.
 ea

 2.66 (CI 95% = 2.40-2.93). T e f
 e
 (FT)

c e \bigstar e \bigstar c b e = 1.27 (CI 95% = 1.08-1.46). T e ca e e e ce (DMFT) c ea ed \bigstar age

| Age g | 🛋 (ea |) Ge de | Реаесе (%) | DT | FT | МТ | DMFT |
|-----------|-------|---------|---------------|------|------|-------|-------|
| 19-29 | | Male | 25 (61.0) | 2.39 | 0.63 | *2.07 | 5.09 |
| | | Female | 38 (59.4) | 2.16 | 0.89 | 1.60 | 4.90 |
| 30-39 | | Male | 37 (75.5) | 3.22 | 1.37 | 2.86 | 7.45 |
| | | Female | 55 (77.5) | 2.82 | 1.65 | 3.51 | 7.82 |
| 40-49 | | Male | 41 (80.4) | 2.78 | 1.86 | 6.22 | 10.86 |
| | | Female | 66 (74.2) | 2.58 | 2.02 | 8.39 | 12.17 |
| 50-59 | | Male | 35 (71.4) | 2.50 | 0.35 | 12.30 | 13.83 |
| | | Female | 49 (65.3) | 2.25 | 0.19 | 16.06 | 18.29 |
| 60 and al | oove | Male | 35 (77.8) | 2.96 | 0.44 | 16.57 | 19.53 |
| | | Female | 31 (59.6) | 2.00 | 0.50 | 18.53 | 20.61 |

*Chi square test p < 0.05

Table 5, \bigstar e , e c, a , a d eed b de g, a c c a ac e, c. S g f ca , e fe a e, ad , e, c a ed a e (=0.003) a d \bigstar a , efeced e eed f , e (=0.015). T e , e a e ce f de , e , e , e , e , e , e , g e, a g C e e (71.4%) a c a ed e Maa a d I da (=0.000). S a, e g e , e c eed , b, e, ed a g e C e e (57.1%). H , e e , e d ffe, e ce , e c eed , a , ca , g fca (=0.328). B age g, , e , e e e , d f , d a e , e c , a , a d eed c, ea ed , c, ea g age (=0.000) f e , a , e. TMJ a b de ga c c a ace c \bigstar Tabe 6. Ab e a e f ad e c (26%) ad TMJ be \bigstar a a e a be f a e a d fe a e be g affec ed. H \bigstar e e, e a ad TMJ be T e e \bigstar e g fca d ffe e ce e d b f TMJ be b e c (= 0.811) a d age g (= 0.349).

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Telee d 🗚 called a liba .a 🍁 c 🗚 a, feK.a.a.L. .., C Ha., ba la ele ele el gla Geleal e accel a ea caef, c a be beca, e e e de a fa ca e ea e gg_e, e de a c, c, a d e U_e, f Mala a Della. Celle 🗰 c 🗸 🛛 delle ella ella g 🖉 _b, d, ed, a, e, H 📌 e, 📌 e a 🗚 a, e, dffc. a d c a l e g g a l ad e e e a le adcdc, ae a a lead g le e, a l a-de fed a e ef ed a cae e a e a a . T e f a a . e f 586 ad . . . e . e e ed ab 60% f e e g b e a e I ao 📌 edged a 🖈 $\mathbf{z} \mathbf{e}_{1}$, \mathbf{e}_{2} \mathbf{a} \mathbf{e}_{2} , $\mathbf{c} \mathbf{a}$ \mathbf{e}_{3} , \mathbf{c} \mathbf{a} \mathbf{e}_{1} , \mathbf{a} \mathbf{e}_{2} , \mathbf{a} \mathbf{e}_{3} , \mathbf{a} \mathbf{e}_{3} , \mathbf{a} \mathbf{e}_{3} , \mathbf{a} \mathbf{e}_{3} , \mathbf{a} ba, b ec, a dacc. ac. T, d. e e fac a e e de a d e de a d ffe e, fe, cde ga cadea, fe[10]. S ce , d d d c ... ec f a ab e -, e, de , e e, a e b a ca be a ce, a ed. Wegeddaa 🗚 👘 edbecalle e 💴 e f 💷 e 🗚 e a e e acta eed fect. W e, e, a , d, e, e, e, d, e ea ed a a _ g e _ e, a . . ea e eed f e _ d

| | P thetic tat | | | P thetic eed | | | |
|---------------------|------------------|---------------------|--------|-----------------------|-----------------------|--------|--|
| Va iab e N = 586 | N 🗻 the ì (%) | With 🗢 the i (%) | ⊶ða e | N 🗢 thetic eed (%) | With 🗻 thetic eed (%) | .∡øa e | |
| Ge de | | | | | | | |
| Male | 209 (88.9) | 26 (11.1) | | 158 (67.2) | 77 (32.8) | *0.015 | |
| Female | 279 (79.5) | 72 (20.5) | *0.003 | 201 (57.3) | 150(42.7) | | |
| Eth icit | | | | | | | |
| Malay | 400 (83.3) | 80 (16.7) | | 300 (62.5) | 180(37.5) | 0.328 | |
| Indian | 86 (86.9) | 13 (13.1) | *0.000 | 56 (56.6) | 43 (43.4) | | |
| Chinese | 2 (28.6) | 5 (71.4) | | 3 (42.9) | 4 (57.1) | | |
| Age | | | | | | | |
| 19-29 | 103 (98.1) | 2 (1.9) | | 94(89.5) | 11 (10.5) | *0.000 | |
| 30-39 | 113 (94.2) | 7 (5.8) | | 89 (74.2) | 31(25.8) | | |
| 40-49 | 115 (82.1) | 25 (17.9) | *0.000 | 71 (50.7) | 69 (49.3) | | |
| 50-59 | 90 (72.6) | 34 (27.4) | | 62 (50.0) | 62 (50.0) | | |
| 60 and above | 67 (69.1) | 30 (30.9) | | 43 (44.3) | 54 (55.7) | | |

*Chi square test p < 0.05

a a a e age a e e d b e Na a O a Hea S.∠ e f Ad. 2010, ★ Table 7[9]. I e, f e, a de a e eed, e d a ad ac a de eed (83.8%) a c a ed a a e a e ce (98.3%) [9]. T g be d e e be e acce, a ea ca e e ce e ca a c fKaaL 60 ea, a d ab e, e ea e eed ★ e e g (84.5%). Da a e e a e e e e a c d g age g 🔄 📩 📩 e ed e Maa a e a. Irc a , [9]. H 🝁 e, e e, d a .eae eedad e be f gee 📌 e e

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| va iabe (N = 586) | IA | ,∡o ae | |
|----------------------|---------------|-----------------------|-------|
| | N ⊶∞be (%) | With TMJ 🛹 b e (%) | |
| Oea | 434 (74.0) | 152 (26.0) | |
| ,⊶ceaece | | | |
| Ge de | | | 0.915 |
| Male | 175 (74.5) | 60 (25.5) | |
| Female | 260 (74.1) | 91 (25.9) | |
| Eth icit | | | 0.811 |
| Malay | 354 (73.8) | 126 (26.2) | |
| Indian | 76 (76.8) | 23 (23.2) | |
| Chinese | 5 (71.4) | 2 (28.6) | |
| Age | | | 0.349 |
| 19-29 | 85 (81.0) | 20 (19.0) | |
| 30-39 | 87 (72.5) | 33 (27.5) | |
| 40-49 | 99 (70.7) | 41 (29.5) | |
| 50-59 | 89 (71.8) | 35 (28.2) | |
| 60 and above | 75 (77.3) | 22 (22.7) | |

Chi square test p < 0.05

g e de age g, c a ed e ge age g, C a ed a A a a T a a d, e ea e eed f e e de, e e ab 75% Ba g \cdot [11].

F , ca, e, a g e , e a e ce e , d ed (70.5%) \bigstar e f , e e , e , ba , aad , e ee affec ed b ca e (.e. DMFT 12.7) a c a , ed e a a a e age DMFT 11.8 [9]. T e g e c , b e DMFT de b a g ee . T e ed a e e f , e , a e a d , e e e e, ce e , d a \bigstar e e e e e e ce e , a a Ve a e e d \bigstar e e g be f g ee a d \bigstar e c , ea e g. T a be d e e fac a e , ac c de,ab c ea e, a d e, e c g a e, de a , ced , e [12].

(01)

| Va iab e | NOHSA (2010) | STUDY POPULATION (2012) | |
|------------------------------|-----------------|----------------------------|--|
| | Реаесе (%) | Peaece(%) | |
| Dental Caries | 89.5 | 70.5 | |
| Periodontal disease | 94.0 | 97.0 | |
| Periodontal need | 94.0 | 97.0 | |
| Prosthetic (denture wearers) | 46.3 | 16.7 | |
| Prosthetic need | 45.9 | 38.7 | |
| Overall treatment need | 98.3 | 83.8 | |

F, e, d a d, ea, e, e, a, e, a e e e ...a 🗚 e (97.1%) .c g e а e a a a e age e d NOHSA 2010, d ca g a e adad fa🚧 e e f a ge e a gad..., 📌 e.e. ... I e., fe.da Jea e eed, , ca.c., 🗚 e , f.e.e c de eca a g gad a dIda. Ma 📜 de je jeda e dadeae ceaed 🖈 age [13]. I e e e d, e e ce age fbeedgadca.c..., 🗚 ge/a g .gad...; 📌 .e , e e e e d a d, ea, e, c. d g, a 🍁 a ddee oe,, 🖈 e geza gidezadi, a deidezi. Weeleed d 🗚 caled ea a ad. . . a ea da a, . . c d ffere ce 🚧 b, e, ed. S a , e d \bigstar e, e , e d e, S . -Ea, A, a c , , e, , , c a, T a , a d a d S , e, Ve a [11,12]. I e e e d, e e 🖈 a a ca, g f ca d ffe, e ce be 📌 e e, d a d, ea e adge de. Te , e a e ce fe, d ad ea e 🗚 gea gae.T a dcaefeae ed a e be e, , a ge e , ac ce, a d , g de a cale le fe a el aec el al [13].

Te e e d d ca ed a \rightarrow e c eed c. ea ed \checkmark age. Te e de g, ad e g ea e eed. H \checkmark e , e e a \rightarrow e c eed f e d (38.7%) \checkmark e \checkmark a e a a da a (46.3%) a d \checkmark e c \checkmark \checkmark e c a ed a d a g T a ad Ba g \checkmark (84.5%) [11]. We b e ed a , b a a ga be \bigstar e a a e \rightarrow e c eed a d

a $\oint ec \ c \ d-9()-7(ca)-12() \ e-9()-3528 \)-9() \ a-11()-357(d) \)-12() \)-3461 \ (-11(),-13(a) \)-11() \)-10(f)-330() \ e \ ee \ (-13(e))-357([))14() \ 17(a) \ (17(a))12() \)-376() \ (-12() \)-376() \ (-12() \)-3461 \ (-11(),-13(a))-11() \)-10(f)-330() \)e \ ee \ (-13(e))-357([))14() \ (-17(a))17(a) \)-10(f)-320() \)e \ (-12() \)-357(d) \)-12() \)-357(d) \)-12() \)-357(d) \)-12() \)-3461 \ (-12() \)-3461 \ (-12() \)-13(a) \)-11() \)-10(f)-330() \)e \ ee \ (-12() \)-12() \$

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