

Violence Awareness in Oral Health

Natalie Gorman (Presenter), Alexander Testa(PI) PhD, Rahama Mungia (Co-PI) BDS, MSc, DDPHRCS MD

*South Texas Oral Health Network (STOHN)

BACKGROUND

What is violence awareness in dentistry?

- The WHO defines violence as "intentional use of physical force, threatened against oneself, that results in a likelihood of injury (health, psychological, maldevelopment. Deprivation)"¹



Effects

- Patients may be forced to delay treatment²
- Increase in dental diseases (dental caries)^{2,3}
- Has a negative impact on development, general health & quality of life³

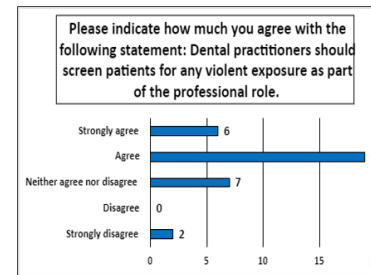
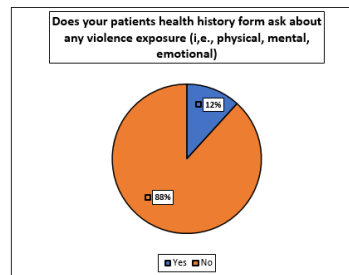
METHODS

- 5 question survey: Oral Health and Violence Exposure
- Distributed Via STOHN PBRN
- Data collected anonymously
- N= 34 practitioners in South Texas



RESULTS

Many (88%) dental practitioners do not ask about violence exposure, but most agree that screening patients for signs of violence is apart of their professional role.



CONCLUSIONS

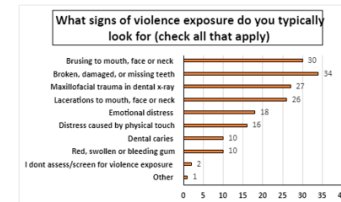
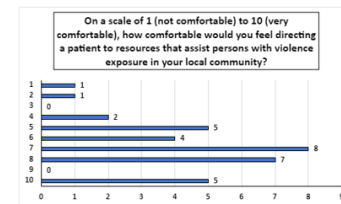
- Violence exposure is a widespread issue in the United States
- Most practitioners do no screen for violence in their practices
- Practitioners are moderately comfortable in assisting their patients
- More than half the practitioners are willing to participate



CITATIONS

- Nascimento M, Dahlfeld G, Cunha Soares F, Mayer TMAAS, Kvit T, Colares V. Self-reported symptoms of temporomandibular pain and jaw dysfunction in adolescents are associated with exposure to violence. *J Oral Rehabil*. 2021 Jul;48(7):765-773. doi: 10.1111/joor.15171. Epub 2021 May 2. PMID: 33774844
- Abel SA, Bhospathi V, Herzig K, Godoy MT, Koval HC, Gerbert B. The impact of an oral health program on domestic violence survivors within community shelters. *J Am Dent Assoc*. 2013 Dec;144(12):1372-8. doi: 10.14219/jada.archive.2013.0073. PMID: 24282267
- Kahari F, Lykens K, Tai HJ. Exploring the relationship between adverse childhood experiences and oral health-related quality of life. *J Public Health Dent*. 2018 Sep;78(4):313-320. doi: 10.1111/jphd.12274. Epub 2018 May 22. PMID: 29752809
- Figure 1: <https://www.psychologytoday.com/us/blog/progress-notes/201902/alarming-effects-childrens-exposure-domestic-violence>
- Figure 2: https://proceedings.nageberg2015ChildAA_title.html (Child abuse awareness in the dental profession), author: (Richard H. Nageberg), year: (2015)
- Figure 3: Fotostorm. "Checking Yes Checkbox on the Application Form with Fountain Pen." ID004. <https://www.stochnetwork.com/photos/checking-yes-on-application-form-fountain-pen-120355259-13843144?phrase=asurvey&form=with-a-fountain-pen>
- Figure 4: <https://iims.uthscsa.edu/south-texas-oral-health-network-e-cigarette-webinar>
- Figure 5: <https://donorbox.org/nonprofits-blog/domestic-violence-nonprofits/print/print>

- Dental practitioners look for several signs of violence exposure
- As a health care providers dentist are primary reporters
- The average comfort level of assist persons with violent exposure was 6.5%
- Looking for possible participation 61.8% were interested in participating in the study



BACKGROUND

What is violence awareness in dentistry?

- The WHO defines violence as "intentional use of physical force, threatened against oneself, that results in a likelihood of injury (health, psychological, maldevelopment. Deprivation)¹"

Effects

- Patients may be forced to delay treatment²
- Increase in dental diseases (dental caries)^{2,3}
- Has a negative impact on development, general health & quality of life³



Figure 1



Figure 2



METHODS

- 5 question survey: Oral Health and Violence Exposure
- Distributed Via STOHN PBRN
- Data collected anonymously
- N= 34 practitioners in South Texas



Figure 3

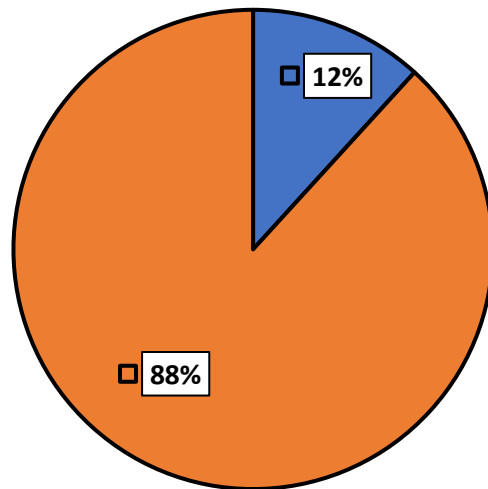


Figure 4

RESULTS

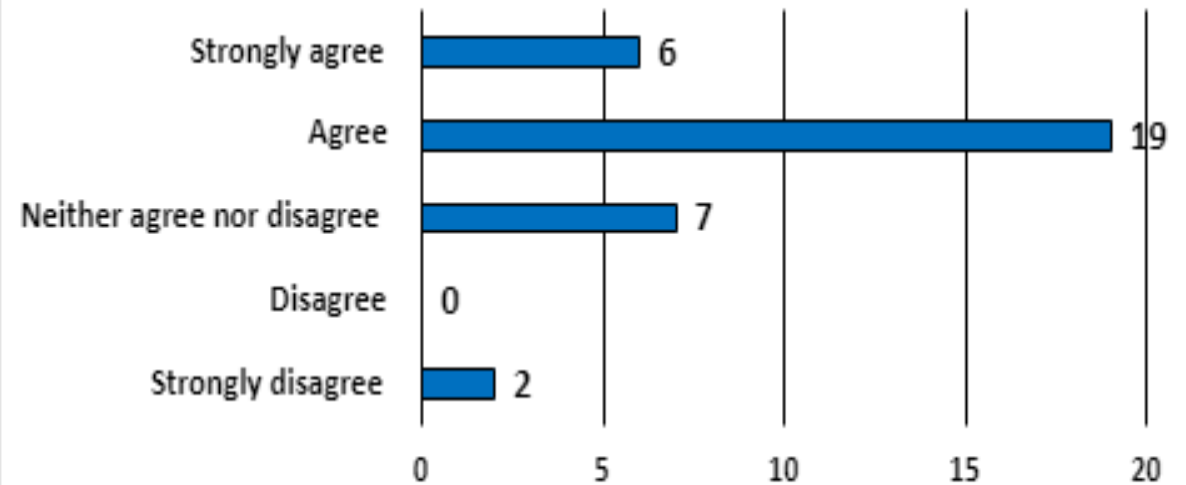
Many (88%) dental practitioners do not ask about violence exposure, but most agree that screening patients for signs of violence is apart of their professional role.

Does your patients health history form ask about any violence exposure (i.e., physical, mental, emotional)

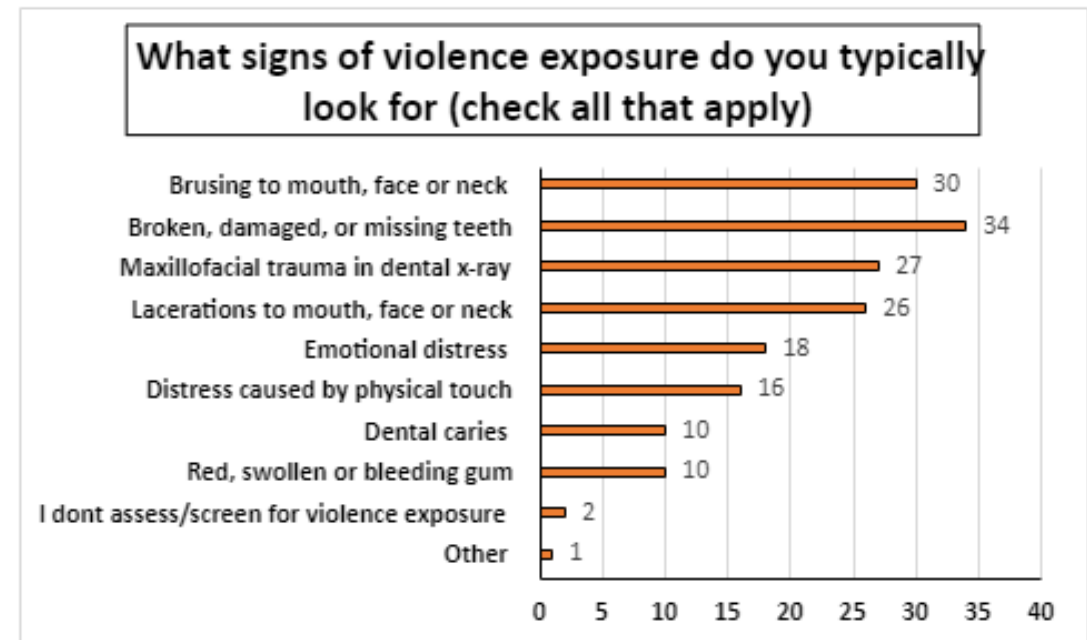
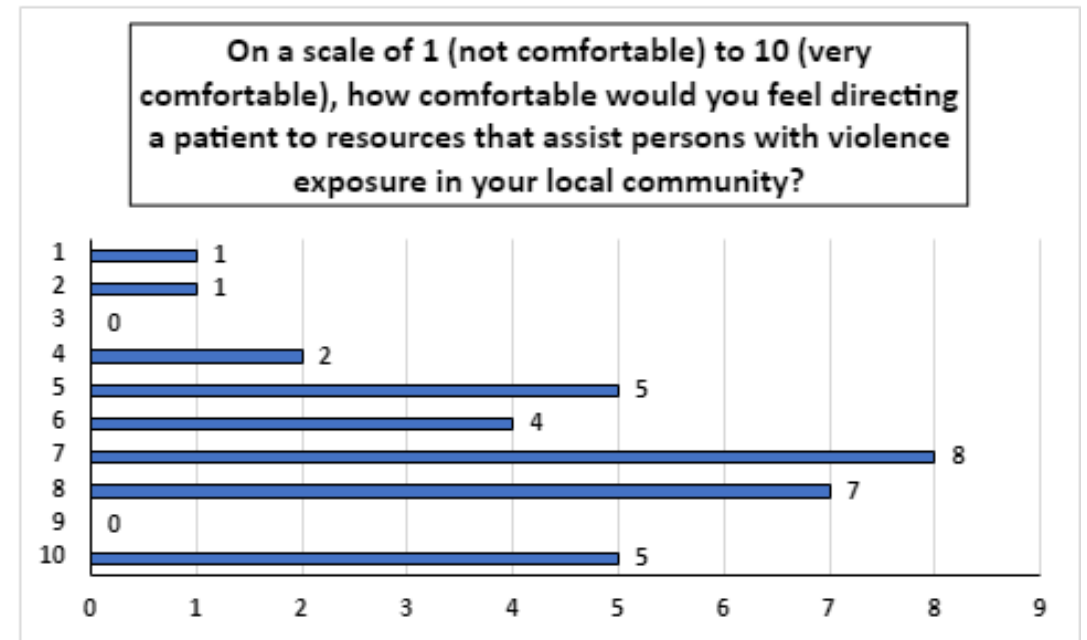


■ Yes ■ No

Please indicate how much you agree with the following statement: Dental practitioners should screen patients for any violent exposure as part of the professional role.



- Dental practitioners look for several signs of violence exposure
- As a health care providers dentist are primary reporters
- The average comfort level of assist persons with violent exposure was 6.5%
- Looking for possible participation 61.8% were interested in participating in the study



CONCLUSIONS

- Violence exposure is a widespread issue in the United States
- Most practitioners do no screen for violence in their practices
- Practitioners are moderately comfortable in assisting their patients
- More than half the practitioners are willing to participate



Figure 5



CITATIONS

1. Nascimento M, Dahllöf G, Cunha Soares F, Mayer TMAS, Kvist T, Colares V. Self-reported symptoms of temporomandibular pain and jaw dysfunction in adolescents are associated with exposure to violence. *J Oral Rehabil.* 2021 Jul;48(7):765-773. doi: 10.1111/joor.13171. Epub 2021 May 2. PMID: 33774844
2. Abel SN, Bhoopathi V, Herzig K, Godoy MT, Kowal HC, Gerbert B. The impact of an oral health program on domestic violence survivors within community shelters. *J Am Dent Assoc.* 2013 Dec;144(12):1372-8. doi: 10.14219/jada.archive.2013.0073. PMID: 24282267.
3. Kabani F, Lykens K, Tak HJ. Exploring the relationship between adverse childhood experiences and oral health-related quality of life. *J Public Health Dent.* 2018 Sep;78(4):313-320. doi: 10.1111/jphd.12274. Epub 2018 May 12. PMID: 29752809
4. Figure 1: <https://www.psychologytoday.com/us/blog/progress-notes/201902/alarming-effects-childrens-exposure-domestic-violence>
5. Figure 2: @inproceedings{Nagelberg2015ChildAA, title={Child abuse awareness in the dental profession}, author={Richard H. Nagelberg}, year={2015}}
6. Figure 3: Fotostorm. "Checking Yes Checkbox on the Application Form with Fountain Pen...." *IStock*, <https://www.istockphoto.com/photo/checking-yes-on-application-form-gm182855259-13843144?phrase=a+survey+form+with+a+fountain+pen>.
7. Figure 4: <https://iims.uthscsa.edu/south-texas-oral-health-network-e-cigarette-webinar>
8. Figure 5: <https://donorbox.org/nonprofit-blog/domestic-violence-nonprofits?print=print>

