Letter to Editor

Analyzing Bite Marks using 3D Scanners

With great interest, I read the article *A systematic review of 3D scanners and computer assisted analyses of bite marks: Searching for improved analysis methods during the COVID-19 pandemic.*

In the above-mentioned article, the author has explained the recent advancements of 3D scanners in analyzing bite marks.

The purview of bite marks in the department of forensic odontology is opening up in the forthcoming years and plays a key role in identifying medicolegal cases.[1-3] Due to the outbreak of COVID-19, gathering authentications for bite marks leads to subjection to exposure of COVID-19.[1] Even bite marks habitually undergo distortion, shrinkage, and warpage over time;[3] to avoid exposure to the COVID-19 and to avoid analyzing discrepancies, 3D scanners are used to reproduce results with more accuracy.[1] The 3D scanners help in minimizing the time consumption and give better compliance in recording.[1] It also helps in maintaining a digital record that can be assessed easily for any virtual unveiling in the court of law and also for any interfaces within the forensic members.

Laser scanning and optical surface scanners detect sharp edges and display results with higher resolution.[1]

And thus, 3D scanning has produced promising results in analyzing the bite marks with a greater degree of accuracy and is a safer method used in the forthcoming years of forensic science.[1-3]

CONFLICTS OF INTEREST

There are no conflicts of interest.

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Access this article online	
Quick Response Code:	**Website:** www.ijofo.org
	DOI: 10.4103/ijfo.ijfo_24_21

How to cite this article: Dhanya M. Analyzing bite marks using 3D scanners. Int J Forensic Odontol 2021;6:127.