

III Products



1	Designing 3D prosthetic templates for maxillofacial defect rehabilitation: A comparative analysis of different virtual wo	
		distance (HD) and were executed by the OS point cloud comparison tool.
		Result: There was no significant difference (p > 0.05) between CS and OS when comparing the volume of the template outputs. While HD was within 0.05-4.33 mm, evaluation of the percentage similarity and spatial overlap following the DSC showed an average similarity of 67.7% between the two groups. The highest similarity was with orbito-facial prostheses (88.5%) and the lowest with facial plate prosthetics (28.7%).
		Conclusion: Although CS and OS pipelines are capable of producing templates which are aesthetically and volumetrically similar, there are slight comparative discrepancies in the landmark position and spatial overlap. This is dependent on the software, associated commands and experienced decision- making. CAD-based templates can be planned on current personal computers following appropriate decimation.
4 1	Accession Number	WOS:000527937200020
F	PubMed ID	32174323
I	SSN	0010-4825
e	eISSN	1879-0534
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