

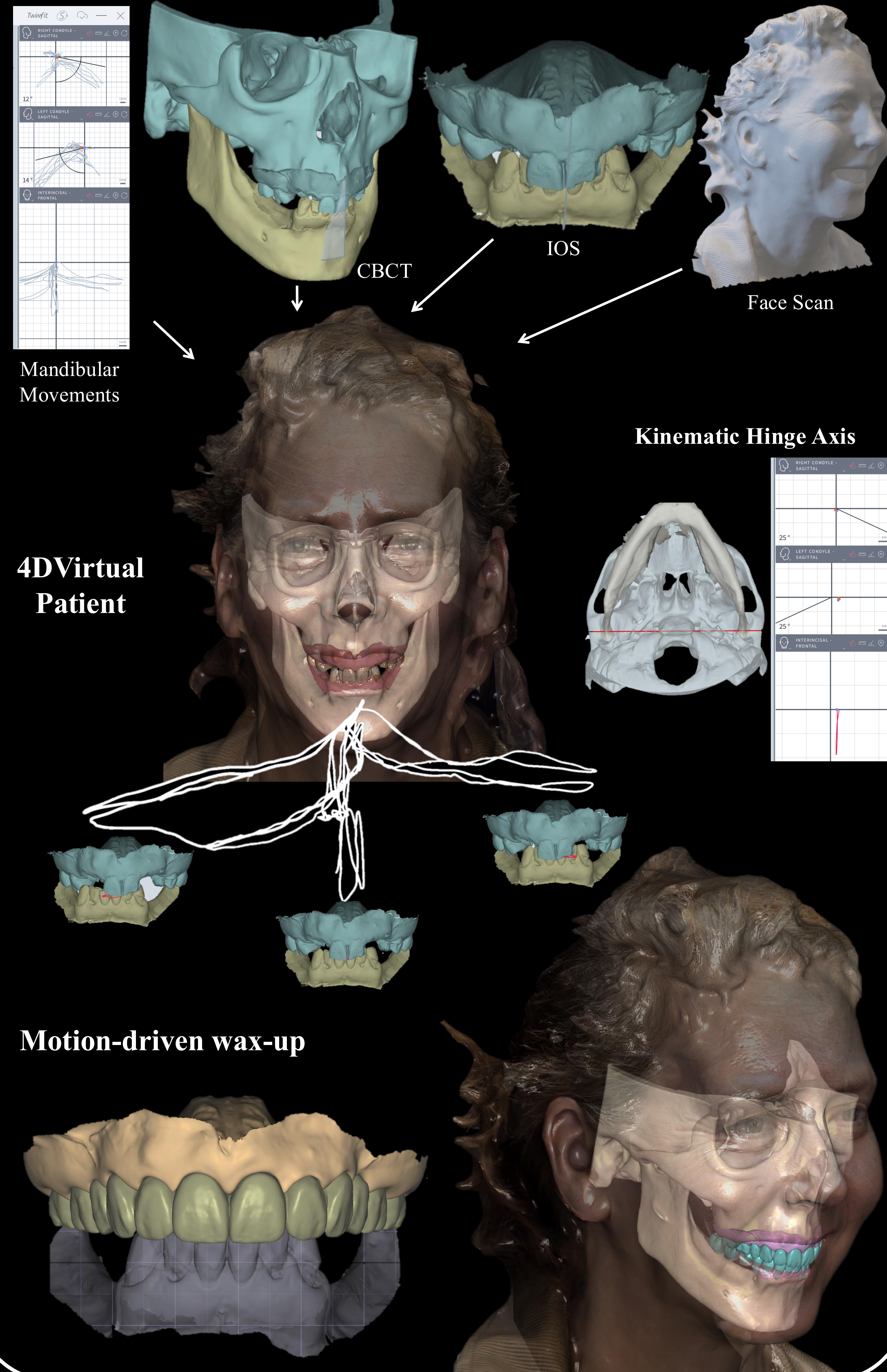


MODJAW in Motion: Mandibular Dynamics for Functional and Esthetic Full-Mouth Rehabilitation

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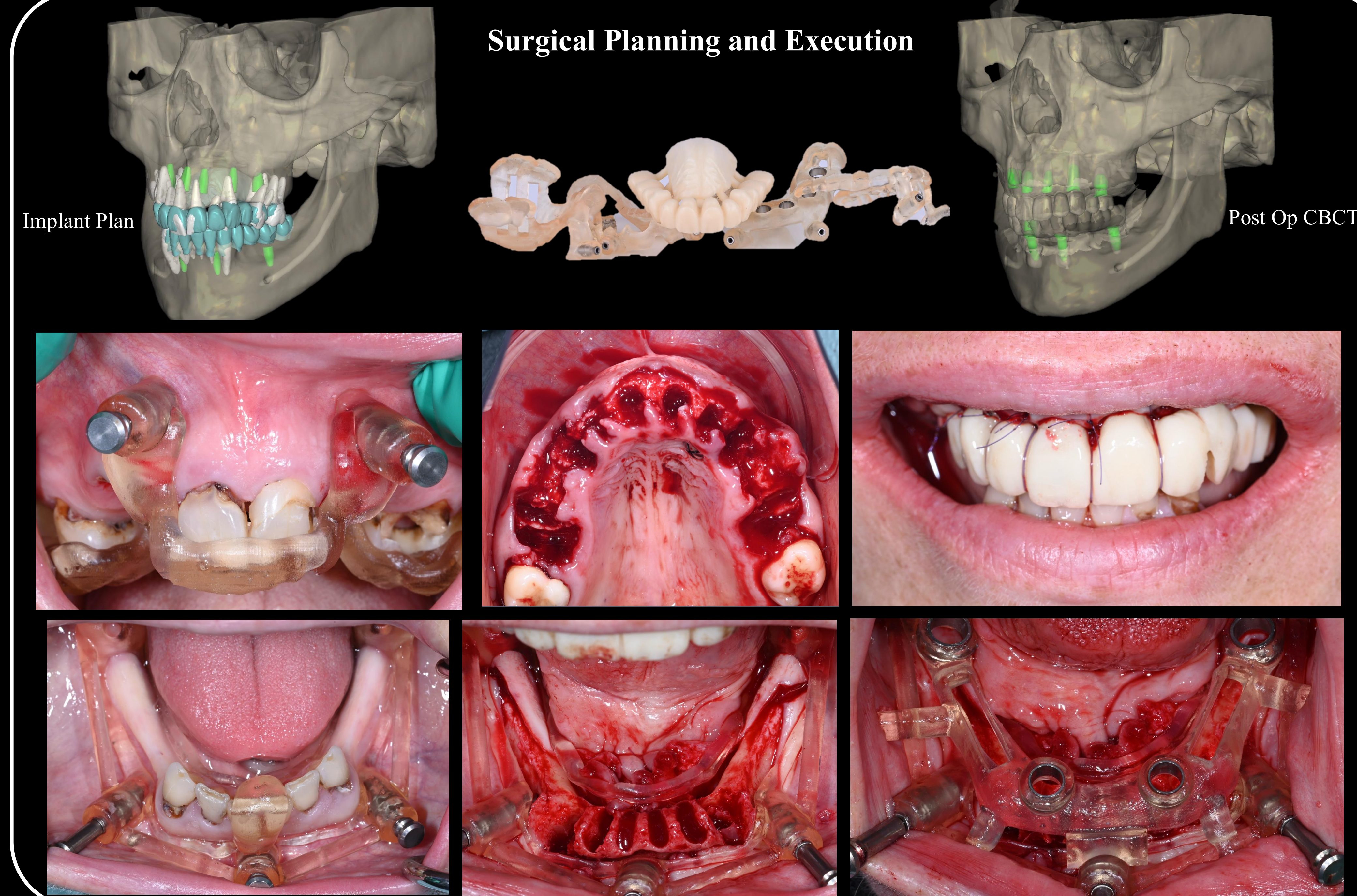
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Data Collection

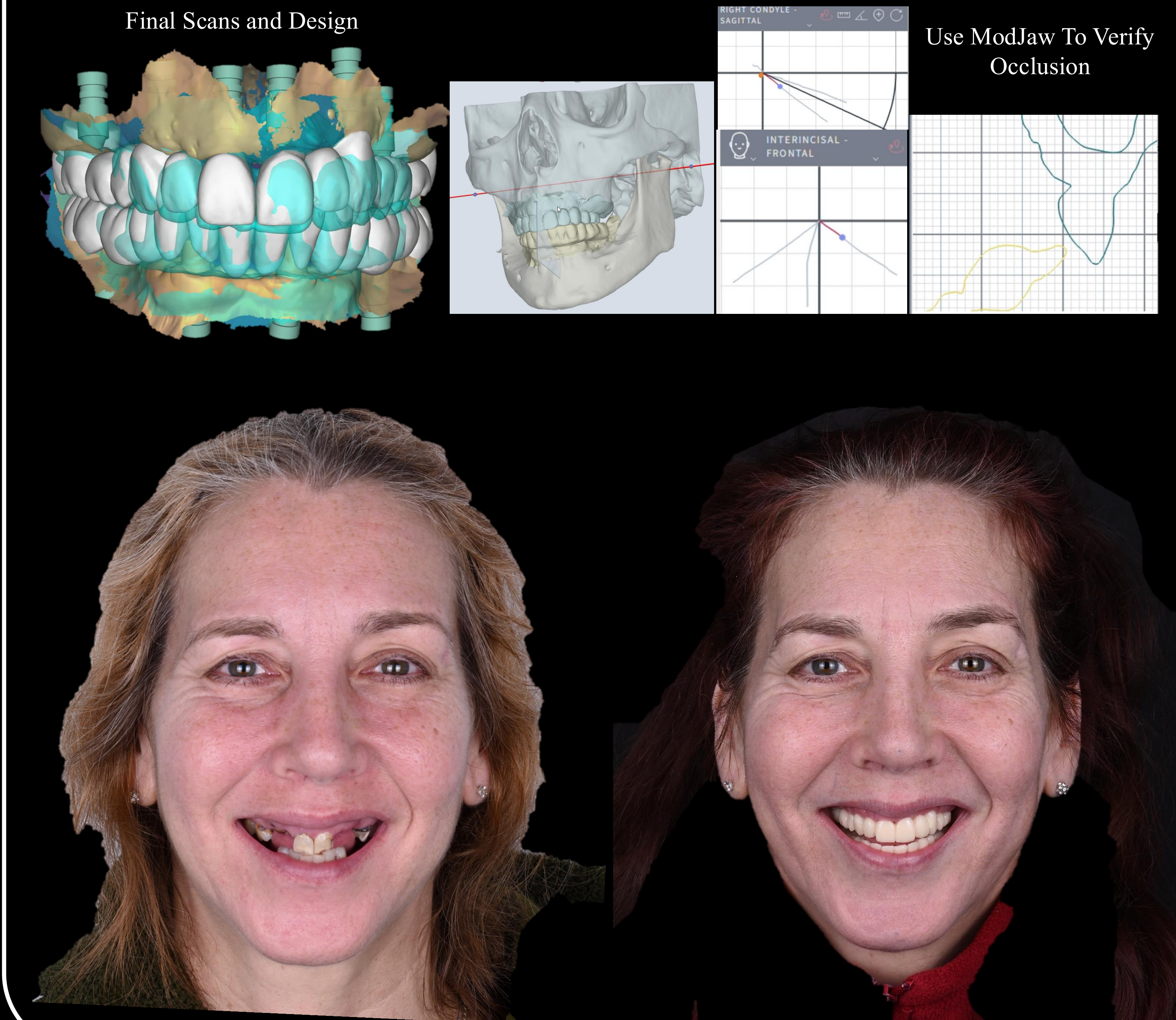


Impact: creating a virtual patient through mandibular movements transforms complex, high-risk full-arch surgeries into predictable, executable treatment plans by minimizing intraoperative guesswork and protecting both function and esthetics.

Surgical Planning and Execution



Definitive Restorations and Jaw Motion Verification



Case Objective

To evaluate whether motion-driven planning with improves the predictability and verification of occlusion in immediate full-arch rehabilitation.

A 45-year-old female with skeletal Class II malocclusion, high smile line, partial edentulism, rampant caries, periapical lesions, and TMD history underwent extraction of remaining teeth, immediate implant placement, and immediate loading in both arches. This transforms complex, high-risk full-arch surgeries into predictable, executable treatment plans by minimizing intraoperative guesswork and protecting both function and esthetics.

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References

