

Transforming Digital Dentistry: Smilefy 4.5 Introduces Automated 3D Wax-Up Technology

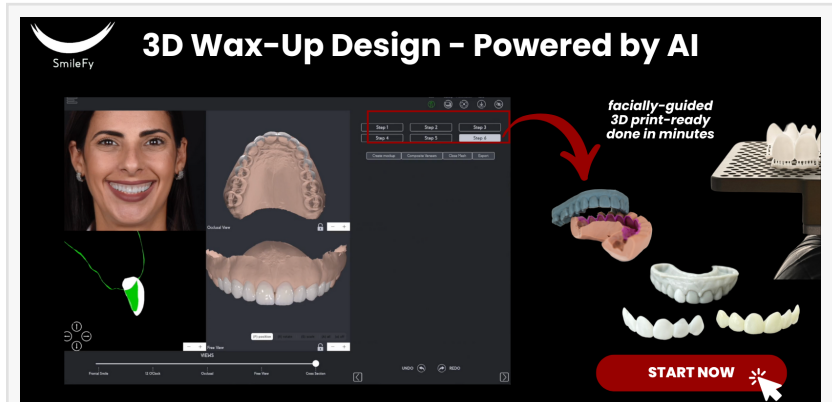
Achieving Unparalleled Speed and Precision with Smilefy's AI-Powered Dental Design and Restorative Treatment Planning.

FORT LAUDERDALE, FL, UNITED STATES, January 28, 2025 /EINPresswire.com/ -- Smilefy, a leader in digital dentistry solutions, has announced the launch of Smilefy 4.5, a software upgrade designed to enhance precision and efficiency in diagnostic smile design workflows. By leveraging advanced artificial intelligence (AI) technology, Smilefy 4.5 introduces innovative tools and features to support clinicians in achieving high-quality diagnostic and esthetic results with greater speed.

Smilefy 4.5 addresses the evolving demands of modern dentistry by simplifying the creation of 3D diagnostic wax-ups. The software automates processes traditionally requiring significant manual input and lab collaboration, providing clinicians with a streamlined platform to deliver enhanced patient care.

Technological Innovations in Smilefy 4.5

AI-Powered Diagnostic Tools: At the core of Smilefy 4.5 is a sophisticated AI



AI Wax-Up design



Smile Design Workflow example



SmileFy

Smilefy logo

engine designed to perform automated smile analyses and generate precise 3D wax-up designs. The AI analyzes patient-specific data, including anatomical and esthetic considerations, to deliver customized results within seconds. This automation reduces the need for manual adjustments, allowing clinicians to focus on refining treatment plans and improving workflow efficiency.

3D Wax-Up Design Made Efficient: Smilefy 4.5 streamlines the traditionally complex process of creating diagnostic wax-ups. The software transforms digital scans into 3D print-ready wax-ups in minutes, eliminating delays associated with lab communication. Clinicians can produce immediate 3D models suitable for:

- Mock-ups for patient visualization

- Composite veneers

- Temporaries

- All-on-X provisionals

- 3D printable veneers

This capability enables dental professionals to present comprehensive esthetic treatment plans during a single consultation, enhancing patient understanding and satisfaction.

Streamlined 6-Step Workflow

Smilefy 4.5 features an intuitive six-step guided process that simplifies the refinement of AI-generated designs. The workflow includes:

- 1) Uploading patient photograph and intraoral scans

- 2) AI-powered smile analysis

- 3) Automated generation of 3D wax-ups

- 4) Real-time adjustments for specific treatment requirements

- 5) Fine-tuning designs to align with treatment goals and patient feedback

- 6) Exporting 3D print-ready files

This approach ensures consistent, high-quality outcomes and is accessible even to those new to digital dentistry.

Benefits for Clinicians

Smilefy 4.5 addresses common challenges in dental practices by delivering:

- Enhanced Precision: Advanced AI personalizes each wax-up to the patient's esthetic and functional requirements.
- Improved Efficiency: Automated processes minimize time spent on manual tasks, streamlining treatment planning and execution.
- Cost Savings: In-house capabilities reduce reliance on outsourcing, offering a cost-effective solution for diagnostic wax-ups.
- Patient Satisfaction: Realistic mock-ups and quick turnaround times improve communication and build trust.

Transforming Patient Care

Smilefy 4.5 enhances the patient experience by enabling clinicians to produce realistic mock-ups during consultations. This capability allows patients to visualize potential treatment outcomes, fostering confidence in their decisions. The speed and accuracy of Smilefy's AI-driven workflow also allow clinicians to focus on patient education and care, improving overall satisfaction.

About Smilefy

Smilefy is committed to advancing digital dentistry through innovative tools and solutions for esthetic and functional dental care. By improving workflows and patient outcomes, Smilefy has become a trusted partner for dental professionals worldwide.

For more information, visit <https://smilefy.com>.

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