

News Release

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3D Systems Introduces Jaw in a Day[®] Single Surgery Dental Rehabilitation

- Virtual Surgical Planning (VSP[®]) enables full jaw reconstruction in a single surgery, sparing patients from months of treatment

ROCK HILL, South Carolina, September 20, 2016 – [3D Systems](http://www.3dsystems.com) (NYSE: DDD) announced today the launch of Jaw in a Day[®], the latest addition to its VSP[®] (Virtual Surgical Planning) Reconstruction product line. Enabled by 3D Systems' healthcare expertise and proprietary digital-to-physical workflow, this patient-specific process enables surgeons to perform a full jaw reconstruction in a single surgery. This groundbreaking capability could spare patients from months of costly, painful and disruptive medical treatment.

Traditional dental rehabilitation requires multiple surgeries and persistent care over a 6-12 month period. This pattern of procedures often results in patients missing teeth, which introduces a variety of adverse aesthetic, functional, and psychological effects to the patient. This can in turn interfere with patients' working and social lives throughout the course of treatment.



Jaw in a Day[®] with 3D Systems VSP[®] Reconstruction allows surgeons to complete a full jaw reconstruction in a single procedure.

Jaw in a Day is a single surgery jaw and dental reconstruction enabled via 3D Systems' VSP Reconstruction service. Surgeons work with 3D Systems engineers who utilize state-of-the-art digital CAD/CAM technology to create a personalized surgical plan and

design patient-specific surgical guides, models and instruments. These devices are then 3D printed and sterilized for reference and use during the unique procedure. Immediate placement of a provisional dental prosthesis eliminates the need for multiple surgeries, resulting in a complete dental reconstruction months before traditional treatment options.

Jaw in a Day offers treatment at a lower cost, with a quicker recovery period. Because patients are able to limit operating time to a single procedure, Jaw in a Day also reduces the chance of infection and complications that may inherently be more likely with the multiple surgeries of traditional treatment plans. According to David L. Hirsch, DDS, MD, Director of Oral Oncology & Reconstruction, Lenox Hill Hospital/Northwell Health, and Co-Developer of Jaw in a Day, "This single-stage reconstruction technique has streamlined the treatment of my patients. It avoids multiple procedures, shaving months off the time required for full dental rehabilitation."

[Watch](#) Dr. Hirsch explain how Jaw in a Day is transforming jaw reconstruction.

3D Systems will showcase Jaw in a Day at booth #706 at the AAOMS (*American Association of Oral and Maxillofacial Surgeons*) 98th Annual Meeting and Exhibition in Las Vegas, NV, September 21 – 23.

More information on Jaw in a Day is available [here](#).

About 3D Systems

3D Systems provides comprehensive 3D products and services, including 3D printers, print materials, on-demand manufacturing services and digital design tools. Its ecosystem supports advanced applications from the product design shop to the factory floor to the operating room. 3D Systems' precision healthcare capabilities include simulation, Virtual Surgical Planning, and printing of medical and dental devices as well as patient-specific surgical instruments. As the originator of 3D printing and a shaper of future 3D solutions, 3D Systems has spent its 30 year history enabling professionals and companies to optimize their designs, transform

their workflows, bring innovative products to market and drive new business models.

More information on the company is available at www.3dsystems.com

Jaw in a Day[®] is a registered trademark of David L. Hirsch, DDS, MD.