

Robotic Guidance in Implant Dentistry

yomi[®]



Efficient. Minimally-Invasive. Accurate.



What is Yomi?

Yomi is the first and only FDA-cleared robotic device for dental implant surgery. Yomi provides haptic robotic guidance to augment the clinical expertise of skilled implant dentistry teams and deliver repeatable surgical precision.

Yomi is in clinical use with leading dental surgeons who share the desire to elevate their dental practices and bring a new level of care to dental implant surgery.



Enhancing Implant Dentistry

Yomi delivers critical insights to aid with personalized surgical planning. Yomi robotic haptics then guide the dentist's hand throughout the implant procedure, while allowing for dynamic adjustments per the dentist's clinical expertise.

The Yomi Robotic System empowers dental teams to precisely achieve their treatment plan, enabling enhanced implant dentistry.



Confident Patient Care

Yomi's unique haptic guidance allows the dentist to retain direct visualization throughout the dental implant procedure. The dental surgeon remains in control and in direct contact with the instruments and the patient.

Yomi augments the clinical expertise of the dental team, helping them to confidently provide patient-centric care.

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With Yomi, the doctor and the staff have more time and attention on you and what's going on with you. I thought it was wonderful that they had found a way to make this procedure so much more efficient and with less trouble for the patient."

– Jane Bozarth, Yomi patient



Robotic Technology

Robotic assistance is prevalent across surgical disciplines, used to help treat over 1,000,000 patients every year¹. Yomi is now changing implant dentistry as the first robotic guidance system for dental surgery. Using a simple digital workflow, Yomi delivers real-time multi-sensory guidance to dental implant surgeons.

Why Robotics in Dentistry?

Robotic assistance is fast becoming a standard of care across surgical disciplines, used to help treat over 1 million patients every year¹. Robotic surgery has been seen to enhance and augment surgical practice across many specialties, enabling virtual procedure planning, augmented anatomical visualization, guided instrument placement, clinical insights and user ergonomics not available with standard procedures.

Yomi-Enabled Surgery is designed to bring the benefits of robotic assistance to dental implant surgery, promoting thriving dental practices and beautiful smiles.



Efficient Treatment

Yomi allows for same-day implant surgery for candidate patients.



Minimally Invasive

Yomi may allow your dentist to provide surgery with smaller incisions and no sutures.



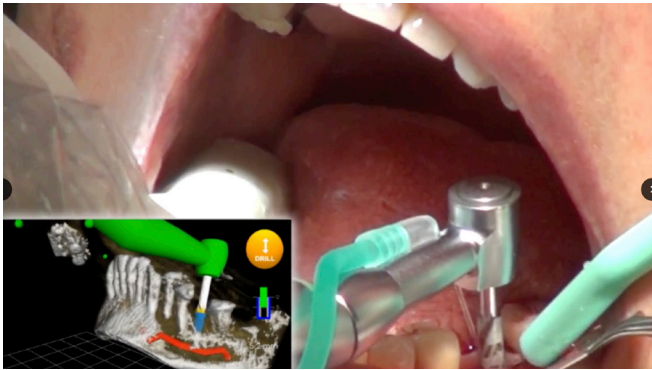
Accuracy

Exact implant location, angulation and depth achieved via physical guidance.

What is Yomi Haptic Guidance?

Yomi provides physical cues that guide the dental surgeon's hand to the precise angulation and location for planned osteotomy. Once in position, Yomi securely maintains hand piece trajectory, preventing unintended deviation from plan. Should the patient move, Yomi tracks and follows patient motion. When the drill bit reaches planned depth, Yomi provides the dental surgeon with the solid confidence of a physical "hard stop".

Distinct audio cues are provided for at each step in the process. The dental surgeon can also obtain visual confirmation and quantitative data through the graphic display on the Yomi monitor.



The Feeling of Control

Yomi provides guidance throughout surgery, with the dental surgeon retaining control at all times.

Without the constraints of cameras or physical guides, Yomi provides assistance to the surgeon in the planning and placement of the implants, with an unprecedented level of instrument precision and control. At the same time, Yomi allows for intraoperative adjustments, allowing the surgeon to retain control of the surgical plan. Yomi combines the surgeon's clinical expertise with the benefits of robotic surgery.

Precisely Where you Want to Be

Yomi provides dental surgeons with guidance through the use of haptic robotic technology and multisensory feedback to help achieve the right location, angulation and depth to place the implant exactly according to plan.

Moreover, Yomi's real-time visual guidance and robotic haptic guidance enables a minimally invasive approach, which can lead to faster surgery, faster recovery, and less pain for the patient.



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Haptic guidance is the ability for a robotic system to physically guide a surgeon so they can perform surgery exactly as they planned.”

Alon Mozes PhD
Neocis Co-founder and CEO



Robot-Assisted Dental Implant Surgery is HERE!

Allow yourself to experience Yomi, today's ultimate in digital dentistry.
Schedule a demonstration to feel the difference for yourself.

neocis.com/request-demo/

References 1. Intuitive Surgical Q4 2018 Investor Release

For full indications for Yomi-Enabled Surgery, please visit neocis.com/indications-for-use

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