

DENTAL SPECIALTY PRODUCTS

THE PAST

Dental specialists handle some of the biggest challenges in dentistry, and require unique instruments and technologies specifically designed for the clinical tasks they face. Early endodontics required fine manual dexterity as clinicians worked small files in smaller spaces manually throughout the case, while early implants were placed freehand. Because these procedures required both specialized skills and specialized equipment, these cases were handled by specialists rather than by general practitioners.

“This technology can provide guidance for the most complex implant cases. Now complex restorative cases can be pre-planned and delivered easily with the accuracy of robot-assisted technology.”

— **DR. SCOTTY BOLDING, D.D.S., M.S.**, Director of Oral & Maxillofacial Surgery and Robotics, Arkansas Oral and Facial Surgery Center

“In dentistry, diagnosis has always stemmed from what is visible. Damage, and of course pain, were the indicators. Smart, wearable devices have opened up the world of dentistry to a new level of insight with quantitative data and indicators of unseen behaviors and symptoms. Cost-effective, easy-to-use wearable technologies increase dentist and patient confidence and compliance with diagnosis and prescribed treatment.”

— **BROCK PREDOVICH**, Founder of Bravrr

THE PRESENT

While the most complex cases will likely always be handled by specialists, many general dental practices provide a wide range of services including endodontics, implants, orthodontics, sleep medicine, and more. Enhanced diagnostics and digital treatment planning make it easier than ever to properly prepare for these cases. The current technology available to dedicated specialists and GPs alike includes robot-guided surgery, sonic-powered endodontics, and much more. Systems and technologies today make it easier than ever for general dental practices to efficiently add new treatment options, and for specialty practices to achieve new levels of efficiency and clinical success.

THE FUTURE

Much like with restorative dentistry, regeneration will play a role in the future of specialty dentistry. If growing a new tooth to replace a missing one is possible, this could make implants obsolete and change approaches to endodontics as well. But in the short term, all of these services will continue to benefit from increased automation of treatment planning as well as clinical treatment. Robot guides might someday give way completely to robot surgeons that execute a treatment plan prepared by AI and then reviewed, adjusted, and approved by a doctor before turning things back over to the machines.

SPECIALTY STAND OUTS



EndoUltra

The only battery-powered ultrasonic activator, EndoUltra is used to disrupt biofilm and improve bacteria kill during endodontic procedures. Using Ultrasonic technology, EndoUltra produces acoustic streaming and cavitation to allow solutions to penetrate the entire root canal system.

Vista Dental Products
vistadental.com
CIRCLE RS #46



Yomi

The Yomi® robotic-assisted surgical system provides state-of-the-art case planning software that enables full 3D digital planning to complement the first and only robotic surgical workflow in dentistry.

Neocis | neocis.com
CIRCLE RS #47



BruxRelief

BruxRelief is the first-ever wearable assessment headband and smartphone app for bruxism. With BruxRelief's patent-pending sensor technology and intuitive app, dentists and patients can finally assess the magnitude and characteristics of a patient's clenching and grinding behaviors.

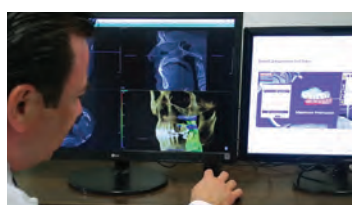
Bravrr | bravrr.com
CIRCLE RS #48



Gingival Cuff Link System

The Gingival Cuff Link Systems (GCL) is a patented healing cuff used to maintain and sculpt gingival tissue. Eleven different anatomically correct cuffs are now available and are compatible with most major implant systems in any area of the mouth and at any stage of the implant process.

GCL Systems | gclsystems.com | CIRCLE RS #49



SleepArchiTx

SleepArchiTx turnkey solution gives you the confidence and support needed to treat sleep breathing disorders. An end-to-end program with unique 1:1 doctor-to-doctor clinical consults and medical doctor collaboration increases your clinical knowledge and provides confidence and expertise.

SleepArchiTx | sleeparchitx.com | CIRCLE RS #50