

Gendex: a flexible approach

By Terry Myers, DDS

Flexibility is a good quality in both personal and professional situations. American author Tom Robbins suggested, "Stay committed to your decisions, but stay flexible in your approach."

This is my philosophy when it comes to investing in equipment for my office, and is particularly apropos in describing the Gendex GXCB-500 HD™, a medium field-of-view, 3-D imaging system that also houses a 2-D pan.

As a general dentist, having access to my own cone beam gives me the precise information that I need to "stay committed to my decisions," which involves adding new treatments to my repertoire. It gives me the confidence to place implants, when I formerly would send these patients to specialists.

Three-dimensional views provide exact measurements, width and height of bone, supernumeraries, root position and tooth position in relation to the nerves and sinus. All of this data can be used in conjunction with guided implant software

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Please stop by the Gendex booth, No. 2604, to see the new GXCB-500 HD cone-beam system and to learn how this and the complete line of imaging products can enhance your practice.

for even more precise placement.

Using 3-D, especially in high-definition, has already improved the certainty of my clinical successes, and the high-definition aspect results in a highly diagnostic image quality. The absence of graininess or fuzziness, especially in the implant view, helps me to discover minute details before I even start the surgery.

This "clean data" transfers well into other software without artifacts.

The 500 HD helps me reach that objective of staying "flexible in my approach," because it also contains a 2-D pan.

Even though I thoroughly enjoy my 3-D, I know there are times when a 2-D pan is applicable. Some of my referring surgeons request a



An image taken with the Gendex GXCB-500 HD.

pan in addition to the 3-D, because this is a traditional view for some surgical applications.

For even more flexibility, this machine has the exceptional quality of collimation, offering a wide variety of scan sizes, from a standard 8 cm diameter by 8 cm height jaw scan for endodontics, implants and surgeries to an extended scan of 14 cm diameter by 8 cm height for TMJ and airway analyses.

It is really helpful to be able to trace an inferior alveolar nerve to where it enters the mandible or view the joint complex or glenoid fossa.

The GXCB-500 HD presents more opportunities to keep my patients in my office rather than send them to an imaging center or specialist.

High-definition images and the ability to switch between sizes and dimensions give me the flexibility to expand my practice with confidence. **DT**

About the author

Dr. Terry Myers is a 1987 graduate of the University of Missouri-Kansas City School of Dentistry. Prior to relocating his practice to Belton in April 2002, Myers was an instructor in the Advanced Education in General Dentistry residency program and director of the Faculty Practice at the school of dentistry.

He is a fellow in the Academy of General Dentistry and member of the Academy of Cosmetic Dentistry and the Dental Sleep Disorder Society. Myers is on the board of directors at Research Belton Foundation and is a participating provider for the Dental Care program that partners with area schools to meet dental care needs of children in the community.

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DENTSPLY announces partnership with America's Dentists Care Foundation

DENTSPLY International's Professional division will provide Cavitron® ultrasonic scalers for America's Dentists Care Foundation's Mission of Mercy events. These regional events, hosted by state-affiliate organizations, bring together volunteer dental professionals to provide free oral health care to people in need.

Approximately 15 events are held across the United States each year. Since 2000, more than 100,000 children and adults have received needed dental care through these events, equivalent to \$50 million of dental services.

Bruce Bergstrom, executive director of America's Dentists Care Foundation, said: "We are very pleased to establish this relationship with DENTSPLY. This partnership will support our efforts to provide our professional volunteers the tools

Here in Chicago

For more information about DENTSPLY International's Professional division or the America's Dentists Care Foundation, stop by the DENTSPLY booth, Nos. 1804 and 2004.

they need to hold these worthwhile events."

DENTSPLY's Chief Clinical Officer Dr. Linda Niessen said: "DENTSPLY's partnership with America's Dentists Care Foundation supports our mission to deliver solutions for better dentistry.

"Together, we can make a difference by improving the oral health of people across the United States who need dental care and have been unable to obtain it." **DT**