



A NEW WAY TO VIEW

Featuring an easy-to-use touchscreen, the ScanX Classic View digital radiography system is capable of reading PSPs of all intraoral formats, sizes 0-4, and extraoral pan and cep plates.

AIR TECHNIQUES

A Flexible Way to Diagnose & Educate

The ScanX family of digital radiography systems captures a wide diagnostic area and delivers sharp, clear images in seconds—helping both dentists and their patients get on the same page about treatment

Just as the unprecedented global pandemic of this year catapulted many of us into a state of anxiety about our health and safety, patients, too, go through many emotions when faced with an unexpected health problem. Sudden or severe tooth or jaw pain, for example, often leads to feelings of frustration at not knowing what exactly is wrong or how to fix it. This is why patient education during the diagnostic stage is crucial not only to quell patients' anxiety, but to get both patients and their doctors on the same page about treatment.

"We want our patients to understand what is causing them pain and feel comfortable asking questions about their oral health," shared Dr. Sherrill Jordan. Since starting her practice 8 years

ago, Dr. Jordan has used ScanX intraoral phosphor storage plates (PSPs) in tandem with her ScanX digital radiography system from Air Techniques to capture critical anatomy and view clear diagnostic images alongside her patients.



CASE IN POINT: PERIODONTAL ABSCESS PAIN



Sherrill Jordan, DDS, FAGD, is a general dentist at Jordan Family Dental in Midland, NC. Below, and on the following page, she maps out 3 successful cases she diagnosed using her ScanX digital radiography system in tandem with ScanX PSPs.

We recently saw a patient with a large facial swelling and pain in the mandibular anterior region. The patient was convinced that it came from one tooth, but our periapical ScanX radiograph showed that a periodontal abscess involved all mandibular incisors (Figure 1). We saw this and showed the patient so that he could understand the sources of his discomfort. Even though the patient was in a great deal of pain, the thin PSP plates were

comfortable for him, and we did not have to take multiple images to capture the ideal area, thus reducing time. The size of the plates also helped us capture more surface area than the bulky sensors we used previously.



Figure 1—ScanX PSPs helped diagnose periodontal abscess on all mandibular incisors



Jason Wetmore, DMD

"My team really likes the size and ease of use of the flexible PSPs compared to the bulkier sensors we used in the past."

"Many people are visual learners, and ScanX images enable me and my team to clearly identify and diagnose issues, show patients what's going on, and provide appropriate treatment solutions," Dr. Jordan explained. "It's always beneficial when patients are interested and informed about their dental needs."

Diagnostic Clarity

A complete line of digital radiography solutions, the ScanX family is designed to produce clear images in up to 20 lp/mm true resolution, eliminating the need for retakes and minimizing exposure to patients. The systems also are compatible with most dental imaging and practice management software.

"We currently have 8 treatment rooms, so it's nice to be able to take a quick film in any room at any time," said Jason Wetmore, DMD, who has been using ScanX digital radiography systems for the past 15 years. "It takes just a few seconds to scan through on a dedicated centralized workstation next to the ScanX Classic, and the images go directly into the patient's chart in Eaglesoft."

"The images only take a few seconds to process," added Dr. Jordan. "And whatever we are unable to see with a panoramic image, we can clear up with a bitewing or periapical x-ray using the ScanX system."

A Comfortable Capture

At the heart of the ScanX family are thin and flexible ScanX PSPs, which are easy to place—even in difficult-to-reach areas—and have a 100% active surface area. ScanX PSPs sit comfortably in the patient's mouth and, after images are captured, can be dropped into the ScanX system. After scanning, the reusable PSP is automatically erased.

"My team really likes the size and ease of use of the flexible ScanX PSPs compared to the bulkier sensors we used in the past," said Dr. Wetmore, who added that he appreciates how durable the PSPs have been over the years. "ScanX is a very cost-effective system for our practice—especially for a large office billing several hundred thousand dollars a year in diagnostic services alone."

CASE IN POINT: TWO CASES, ONE DIGITAL SOLUTION

About a year and a half ago, one of our long-time patients presented with reoccurring pain in her lower left quadrant. We took a periapical x-ray with a ScanX PSP and were able to scan it within a few seconds (Figure 2). There was recurrent decay under the crown on tooth No. 20 that was easily visualized.

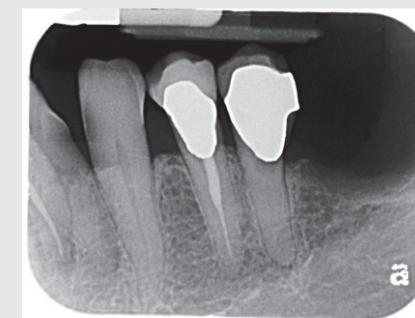


Figure 2—Decay identified beneath crown on tooth No. 20

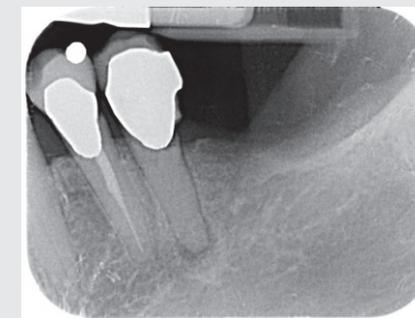


Figure 3—A second x-ray revealed a periapical radiolucency on tooth No. 20

We eventually placed a deep lingual Class V restoration. The patient returned recently and reported a constant dull ache in this area. Another x-ray was taken to reveal a periapical radiolucency (Figure 3). It is very easy to visualize pathology on these images, and we were immediately able to tell her why the tooth was hurting and explain her options for the tooth after our limited exam.

At another appointment, the same patient presented with an issue on tooth No. 25, which previously received root canal therapy and was very mobile. There was no evidence of any pathology on our previous panoramic images. However, after using ScanX to take an x-ray, it became immediately apparent that the tooth had root resorption and was hopeless (Figure 4). We enlarged the images on our screens so that we could talk to the patient about the issue and give her treatment options.



Figure 4—Periapical x-ray clearly displaying root resorption on tooth No. 25