DEXshield by DEXIS helps dentists control dose

By DEXIS Staff

- DEXIS has made it a priority to design devices to help dentists control dose. Currently, the DEXIS Platinum sensor offers the best results at the lowest dose†. The company has now taken dose reduction a step further with the DEXshield,™ which you can see in the DEXIS booth, No. 1001. DEXshield is a unique dental X-ray position indicating device and a patented patient protective shield. When used in conjunction with the DEXIS Platinum Sensor, this new device not only reduces radiation to the patient but also aids in proper positioning for image capture. DEXIS is the only company to provide both an intraoral sensor (DEXIS Platinum) and a shielded ring (DEXshield), with the added benefit of dose reduction.

In a laboratory setting, DEXshield plus the DEXIS Platinum sensor was determined to reduce absorbed dose by at least 30 percent as compared to the Universal Ring plus the DEXIS Platinum sensor. During dental radiographic procedures, DEXshield’s tungsten core is able to block unnecessary X-rays. The resulting dose reduction does not affect image quality because the needed amount of radiation passes through the ring for optimal imaging results.

DEXshield was created to be easier to use than rectangular collimation, and both were designed to reduce unnecessary dose to the patient. To overcome some of the limitations of rectangular collimation, DEXshield, when properly used with the DEXIS Platinum sensor, allows the operator to easily establish correct positioning and alignment. Appropriate positioning minimizes cone cuts, which subsequently may reduce retakes that, in turn, potentially reduce even more unnecessary exposure.

Learn more about how you can help your patients with DEXshield, now in the DEXIS booth, No. 1001.

†Data on file

Reduce radiation exposure to your patients

Here at Hinman

Check out the DEXshield and the DEXIS Platinum sensor at booth No. 1001.

The DEXshield works in conjunction with the DEXIS Platinum sensor to reduce radiation doses to patients. (Photo/Provided by DEXIS)