Benefits of Cone Beam Technology in Los Angeles Dental Practice by Andrew Smith

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With the ability to create high resolution, finely-detailed 3D images of oral and skull structure, in the Los Angeles area, cone beam technology has raised the standards of dental care and treatment. This technology brings enhanced diagnostics and treatment accuracy, which result in increased patient satisfaction and understanding. Upgrading your office to a cone beam CT may become the best decision you make as a dental specialist. Remove the guesswork from your diagnostic process, implement cone beam technology and greatly improve your staffâ€™s abilities to secure treatment plans, etiquette, and patient comfort levels.

Los Angeles has a large market for Cone Beam Technology: Advantages for Dentists

While conventional CT scans produce 2D images, Los Angeles cone beam CT produces a 3D model of the patientâ€™s dento-maxillo-facial structure. Letâ€™s take a closer look at the benefits of this cutting-edge technology:

Precise treatment planning. Los Angeles cone beam CT offers superior reading and scanning capabilities. It creates an in-depth and more complete picture of oral structure; including jaw bones, soft tissue, and nerve paths, enabling specialists to plot treatments with greater precision and accuracy. Specialists are able to deal with complex cases and serious problems such as impacted teeth and implants. There is less room for error since there are no expected imaging issues like the image distortions typically associated with 2D imaging technology. Potential problems such as obstructed airway passages are immediately identified.

Streamlined diagnostic process. Traditional CT scans require several scans to get a full view of the patientâ€™s oral structure. Los Angeles cone beam technology allows unlimited views of the patientâ€™s anatomical structures in one sweep.

Increased productivity. Cone beam CT scans offer faster scanning times than regular CT scans; a full scan takes 10 to 40 seconds while traditional machines take a few minutes. CBCTs also help reduce implant case completion time while increasing chances of treatment success.

How Cone Beam CT Scanners Benefit Patients

The advantages of cone beam CT scans for patients are also well documented:

Increased confidence and comfort. CBCTs educate patients about their oral structure. Because they are able to see the course of treatment their dentist will take, thereâ€™s an immediate and increased feeling of comfort.

Less exposure to radiation. Los Angeles cone beam CT scans use 80% less radiation than conventional scans. They also require only one 360Â° sweep to get a complete image of the patientâ€™s oral, facial, and skull structures. Time needed to complete a full scan is less than a minute.

Greater savings. CBCT scans cost up to 50% less than conventional CT scans.

Shorter appointment times. CBCT scans are completed quickly so dentists are able to provide diagnosis and treatment course in the span of a single appointment.

Upgrading to Los Angeles cone beam technology

Los Angeles cone beam CT enables specialists to take medical images in their clinic or designated imaging centers. These machines are available in several varieties. Talking to a trusted leading imaging provider like Vatech is the first step towards finding the right upgrade solution. If youâ€™re interested in learning more about the powerful Vatech Cone Beam CT solution available in todayâ€™s market, contact the experts at Dental Equipment Specialists (DES), Inc. for complete details â€“ including equipment purchases, installations, maintenance and repair agreements, as well as pre-construction site evaluations.

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Andrew Smith's page features more about a Los Angeles cone beam that provides personalized customer service. With more than 20 years of experience working in the dental equipment industry, he along with experts here can guide you through the process of choosing the right Los Angeles cone beam technology and helping you with your service needs. For more information, visit him at www.dessocal.net.

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