

# T-Scan® - Clinical Implementation

## How can you incorporate the T-Scan system into your office?

The T-Scan system is a valuable tool that aids in the diagnostic process of analyzing a patient's bite and showing what is and what is not functioning properly.

### Hygiene

Fully incorporate the T-Scan into the preventative portion of your practice. Create a screening process that allows your Hygienists to quickly and accurately assess any signs of occlusal disease and suggest further evaluation if necessary.

*"My staff was constantly fighting over the T-Scan so much that we had to buy another handle." (Brian Reichgott, DDS, VA)*

### Initial Patient Exam

Include T-Scan as part of your initial exam on all new patients that enter your practice. See a potential occlusal problem before it is noticed by the patient and take the necessary steps for diagnosis and treatment.



### Identify Premature Contacts

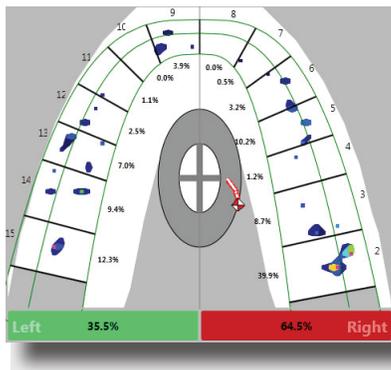
Find the first point of contact accurately and quickly with the T-Scan. Save time by getting it right the first time and eliminate the guesswork that goes along with articulating paper. T-Scan provides a useful clinical application in identifying and alleviating premature occlusal contact(s). You now have the ability to identify which tooth hit first.

### Achieve Bilateral Simultaneity

By balancing occlusal forces you are gaining more control over muscles. The better the muscles are in balance, the more even the forces, the more stable the patient. T-Scan displays the balance of occlusion, right to left, anterior to posterior. See the balance of forces during the path of closure.

### Anytime you use Articulation Paper

You cannot determine the force or sequence of contacts with articulating paper, all you see is contact location and surface area. The T-Scan system has the ability to measure time and force data and store that information in a database. There is no other method that allows you to balance forces or find and eliminate interferences with as much efficiency as the T-Scan system. Finally you're able to study occlusal contacts dynamically.



*"I never understood how any quantitative information could be derived from using articulating paper. After all it just marks where the teeth contact. Nothing is known about how much force, or when these contacts occur which is more critical to know. Now we finally have a device that not only gives us all of this information and more, but patients easily make the connections so vital to understanding and accepting occlusal based services. As a result, occlusion is an integral, positive, profitable and a productive part of my every day practice".*  
(Ray M. Becker, D.D.S., F.A.G.D)

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## Increase Implant Longevity

Minimize excessive implant prosthesis force by using a time delay procedure that loads natural teeth before implants. *T-Scan* software calculates the force percentage per tooth data showing how much force is on a particular tooth. If 24% of the total force is on a newly placed implant, wouldn't you want to know and adjust accordingly? Well now you can. Use this valuable information to extend the success rate of your implants even further.

## Removable Prosthetics

Without the periodontal ligaments of their natural teeth, edentulous patients lack normal proprioception and cannot "feel" prematureties or imbalance of their dentures during function. When treating patients without periodontal ligaments, progressive dentists do not take the patient's word when determining first tooth contact and occlusal force balance, they trust *T-Scan*. The *T-Scan* obtains the actual occlusal contact time and force balance data you can rely on.

## Case Finishing

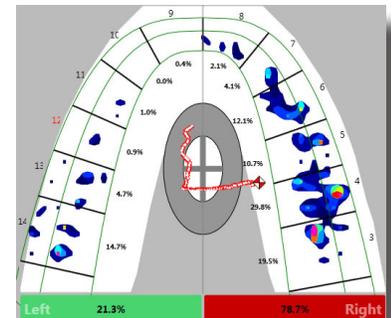
From single unit fillings to full mouth rehabilitation it is important for patient comfort as well as restoration longevity to get a balanced occlusion with mutual anterior/posterior protection. *T-Scan* helps clinicians to fine-tune their patient's occlusion to create a balanced end-result. *T-Scan* allows a clinician to case finish with accuracy and confidence.

## Establish Effective Anterior Guidance

Because the *T-Scan* can measure timing and force, it is an indispensable tool for evaluating the sequential relationship of a mandibular excursion. The software allows for recording of a patient sliding from MIP or CR into a lateral excursion or protrusive movement. This is important in locating interferences and evaluating potential trauma.

## Patient Education/Documentation

Patients can view the *T-Scan* data, which helps them to understand what needs to be accomplished to obtain occlusal stability. The *T-Scan* also produces documentation showing pre and post procedure results that is critical for patient records.



*"I can now finish cases with a higher level of confidence and precision quicker than ever before. It integrates well with our other technology and the patients easily understand and accept treatment based on the simple to understand data presented on the computer monitor". (Brad Durham, DMD, GA)*



**Contact Tekscan to Learn More!**

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