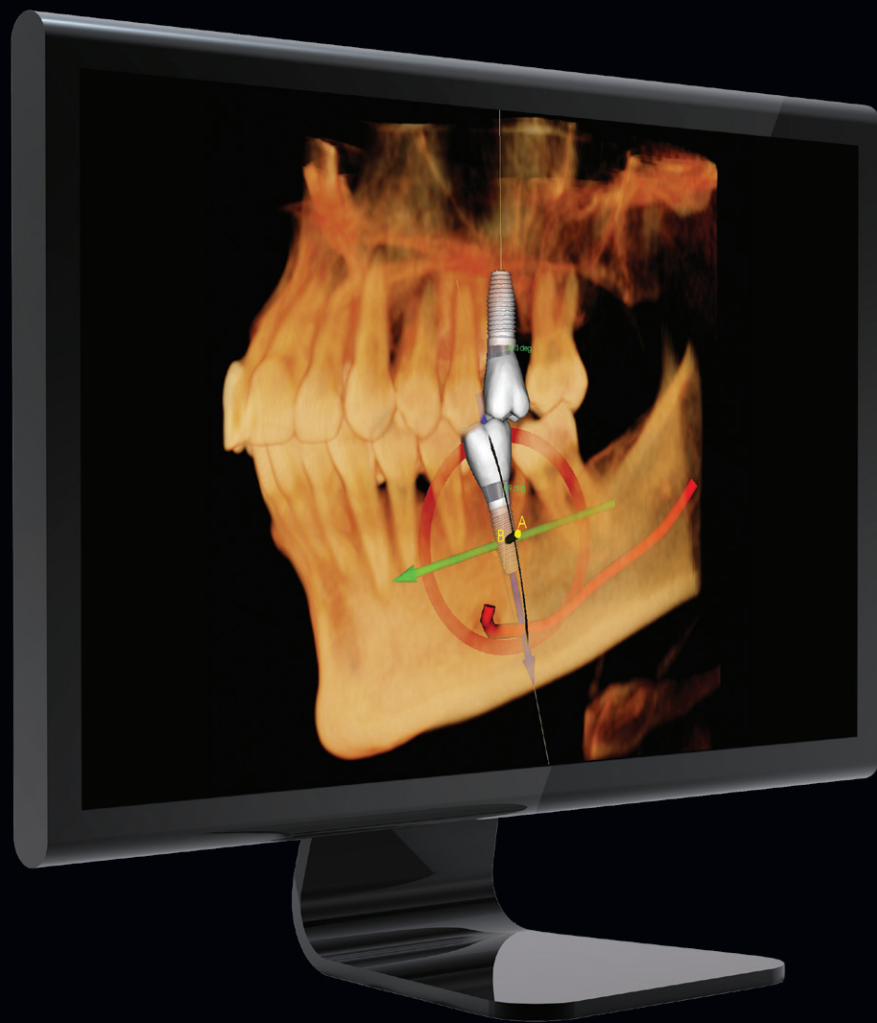


TxSTUDIO

ADVANCED 3D DENTAL TREATMENT SOFTWARE



TxSTUDIO™

Advanced 3D Dental Treatments  
Made Possible by i-CAT®

Optimized Treatment Planning  Comprehensive 3D Tools

# Tx STUDIO™



## Simplify and Expedite Your Cases from Planning through Treatment with Confidence

**Tx STUDIO™** puts the most comprehensive treatment planning tools at your fingertips. Designed by clinicians for clinicians, Tx STUDIO software features easy-to-use, and highly effective tools that deliver **confident planning** of implants, airway, TMD, orthodontics, and a myriad of surgical procedures.

**Fully integrated** and exclusive to award-winning i-CAT® 3D systems, Tx STUDIO is the only software designed for a Cone Beam 3D unit that does everything from diagnostics to implant and orthodontic treatment planning.

Tx STUDIO software increases the efficiency of your practice by providing immediate access to full treatment planning. **Instantly communicate** the clear vision of your plan to your patients for greater patient acceptance and action.

With its wide selection of treatment planning features, Tx STUDIO is an integral part of i-CAT Cone Beam 3D systems which are known for their unparalleled **clinical and dose control**, as well as the fastest workflow.



# Planning

## With Tx STUDIO™ Implant, Abutment and Restoration Planning is Simple, Fast and Precise

Plan in full 3D with restorative outcomes in mind. The Tx STUDIO™ **restoration design** feature allows you to plan an entire treatment from surgical placement of implant and abutment through final restoration at the onset of planning.

Virtually place single or multiple implants selected from an extensive **implant library** for the best possible outcome. Plan in the 3D rendering or the panoramic layout.

View true anatomy in full 3D volume and high-resolution **individual slices** for accurate measurement of bone thickness and alveolar nerve location.



Implant Planning



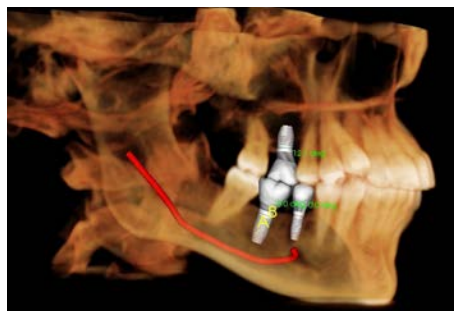
Restoration & Abutment Planning



Bone Density Measurements



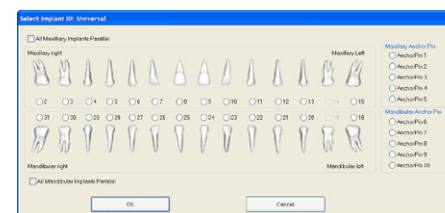
Evaluate Bone Density When Planning Implants



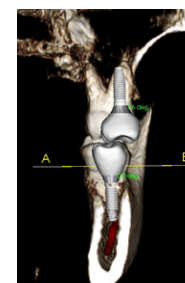
Plan Implants, Abutments, and Restorations Simultaneously



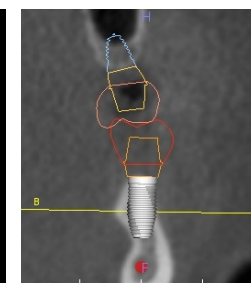
Place Implants in the 3D or Pan View



Easily Select Implant Site

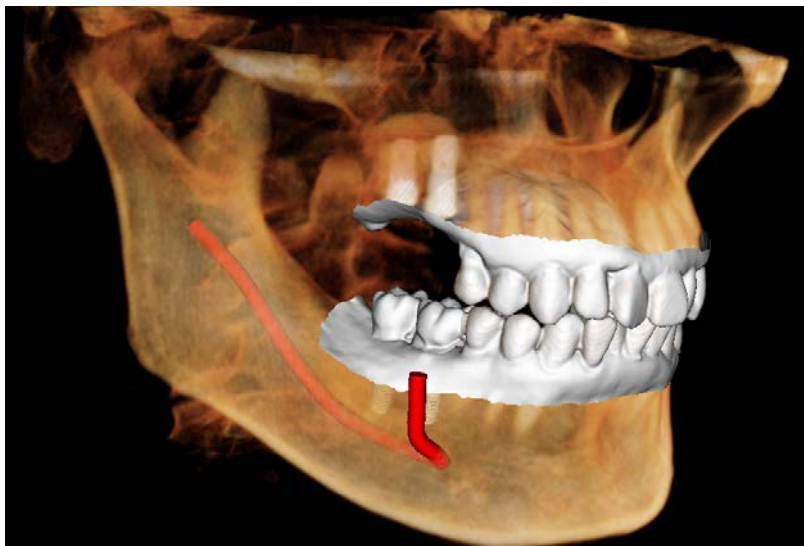


Place Implants Within the Bone



Restoration-Based Implant Planning

# Confidence



Fast and Easy Surgical Guides



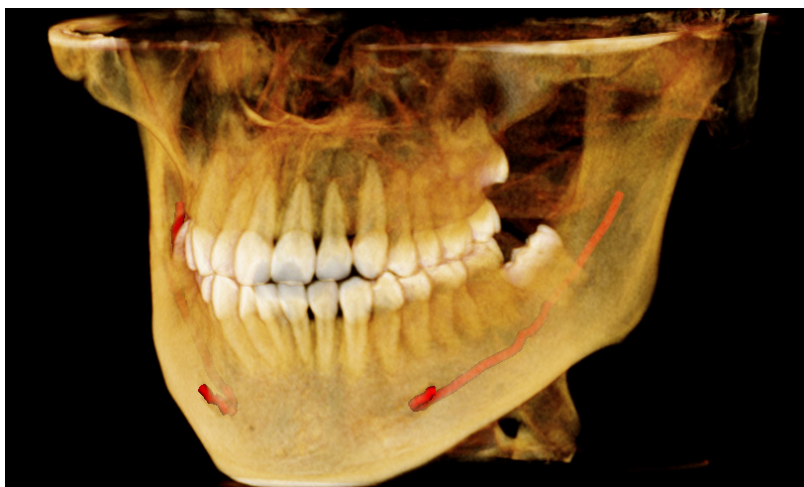
## Create Surgical Guides and Precise Outcomes

Surgical Guides

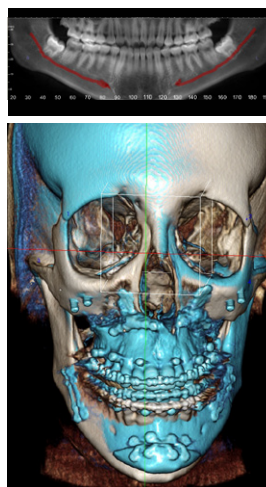


Conveniently order **surgical guides** directly through the Tx STUDIO software. Simply scan the patient and corresponding stone model. With Tx STUDIO, there is no need for scanning appliances, so the process of receiving guides in your office is much quicker.

i-CAT® scans are universally compatible with all leading surgical guide providers to expand implant planning capabilities.



Identify the Relationship Between Impacted Tooth Roots and Nerve to Increase Accuracy of Extractions



Register Two Scans for Superimposition Visualization on Orthognathic Cases

## Confidently Plan Surgical Treatments Faster Than Ever Before

Auto Nerve Canal Tracing



Superimposition



Accurately measure each patient's unique bone characteristics to avoid potential surgical complications. Plan third molar extractions with increased accuracy and check for root entanglement with convenient **automatic nerve canal tracing**. Immediate access to patients' full diagnostic information allows you to begin surgical planning at once. Predict treatment pathway and outcomes using the modeling service to show teeth, jaw, and soft tissue movement for improved surgical outcomes.



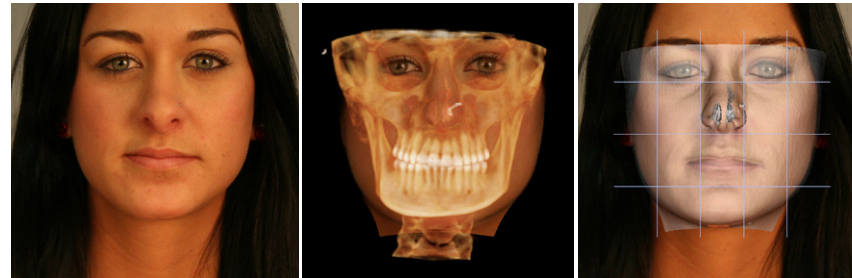
# Control

## Tx STUDIO™ Delivers Case Control & Speed for Orthodontic Treatments

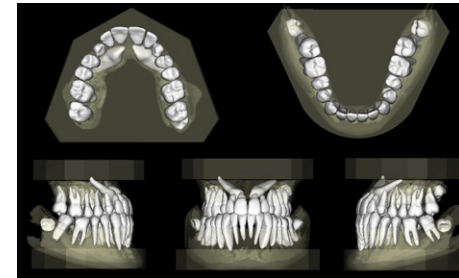
Precisely accurate and impressive 3D visualization of teeth, roots and sinuses is available within one minute for efficient and effective diagnosis. In addition to the included anchor pin library for **virtual TAD placement**, Tx STUDIO provides an optional **3D Cephalometric Analysis** package which allows for the creation of ceph tracings with greater accuracy and in less time than traditional 2D ceph tracings.

New **face-MATCH™** photo-wrapping feature allows easy and immediate wrapping of a facial photo taken with a standard digital camera onto the 3D volume to visualize treatment impact on soft tissue and facial features.

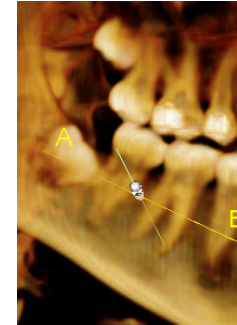
Other optional services through this powerful software include the ability to order **virtual study models** in occlusion that contain the full dentition—crowns, roots, and bone—and tools to **predict soft tissue changes** derived from orthodontic or surgical treatments.



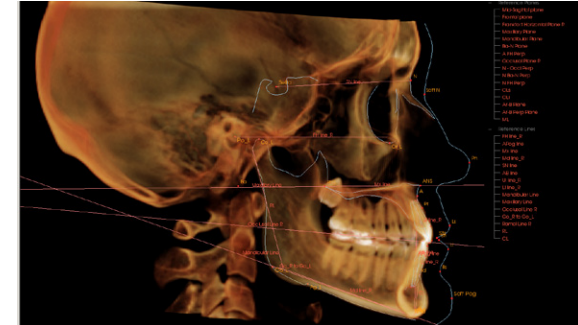
Visualize Treatment Impact by Matching Scan Data with Digital Images



Obtain Virtual Study Models



Virtually Place TADs



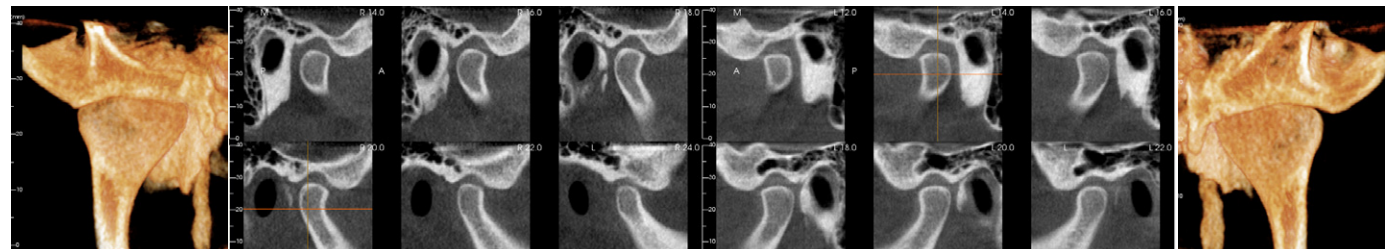
Quickly and Easily Create 3D Cephalometric Analysis

## Complete Virtual TMJ Visualization



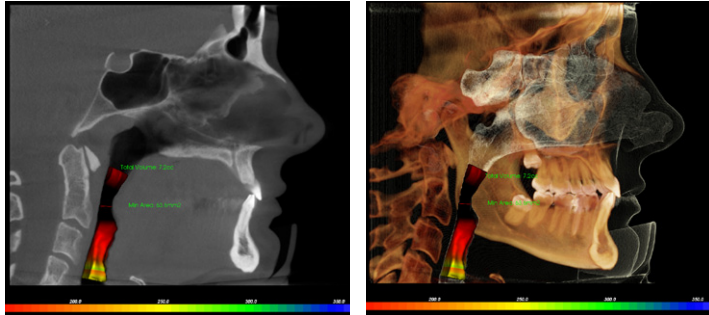
**TMJ visualization tools** allow for superimposition of changes to the TMJ complex over time. Through superimposition, changes in condylar

position can be tracked over the course of a treatment to ensure treatment plans provide the desired effect.



Virtual TMJ Study Model

# Features & Specifications



Reveal Restricted Airways and Perform Automatic Calculations and Measurements

## A Powerful Application for Airway Analysis

Analyze airway anatomy quickly and precisely with the Tx STUDIO™ **tracing tool**, featuring instant measurement of total airway volume, localization and area measurements of maximum constriction, and automatic color-coded constriction values of the airway volume.

Airway Analysis



Especially powerful for general dentists and specialists who treat sleep apnea and other airway disorders through dental procedures ranging from orthodontics to splints to surgery.



Powerful Visual Images Engage Patients In Their Treatment Options and Acceptance

## Communication & Patient Engagement

Knowing that clinicians seek ways to present treatment plans to their patients, Tx STUDIO offers **full 3D visualization**. Patients gain understanding of their anatomy, conditions, and treatment options as these come to life using 3D renderings. The software allows

Motion Video Capture



**video capture** to further enhance patient education even after the appointment is over.

Custom Reports



Also, advanced annotation capabilities in the **Reports tool**, such as custom labeling and layout displays provide excellent tools for patient and colleague communication.

### Included Viewing SW

- Standardized DICOM 3 Compatible output for sharing with third party applications
- Practice management compatible
- PACS interface through DICOM standard
- Reporting Features

### Optional Modules

- 3D Cephalometric Analysis, including new face-MATCH™ photo-wrapping
- Radiology Reporting
- Medical Design Studio
- Stitch Software

### Licensing

- Individual (single) & network licenses (up to 4 computers per license) available

### PC Specs

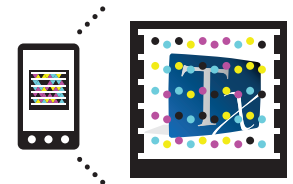
- Tx STUDIO System Check Tool available to automatically check PC specifications

### i-CAT Technical Support

- Dedicated 3D technical support team, and customer service
- 24/7 phone support
- Field support Product Specialist and in-office support

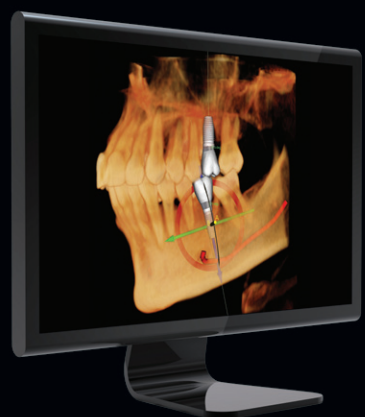
### Training from i-CAT

- 1.5 day in-office is included with every purchase of a new i-CAT 3D system
- Continuing education through the 3D Imaging Institute



Get the free mobile app for your phone  
<http://gettag.mobi>

To learn more about Tx STUDIO  
contact your Henry Schein  
representative or call Imaging Sciences  
at (800) 205-3570.



**T<sub>x</sub> STUDIO™**

Advanced 3D Dental Treatments  
Made Possible by **i-CAT®**

**i-CAT®**  
[www.i-CAT.com](http://www.i-CAT.com)  
(800) 205-3570

Imaging  
Sciences  
International **iS**