SureSmile Ortho

Get into digital.
SureSmile Ortho
Power up your practice with new levels of digital precision, control and value.

One software platform delivers multiple options:

- Full-Service Fabricated SureSmile Aligner
- In-office Clear Aligner Design
- Printed Models
- Indirect Bonding (IDB)
- Advanced Diagnostics

Based on proven SureSmile® technology,

SureSmile Ortho gives you dynamic new approaches to aligner design, IDB and diagnostics. A study published by the University of Minnesota indicates that SureSmile CAD models were the most accurate measured.1

SureSmile Ortho software enables you to get the most out of your scanning investment and accepts STL files from all scanning sources. Intraoral scans are highly recommended to achieve the best fit and optimum results.

You will never be alone with SureSmile Ortho!
You’ll receive support from our expert digital lab service team as well as from the extensive training resources on-line. Plus, we’re just a phone call away whenever you need assistance.

Whether you choose SureSmile® Aligner, In-office Aligner Design, IDB or Diagnostic Solutions, all are designed to:
- Be easy to learn and use
- Increase control and precision
- Integrate into your practice seamlessly
- Accept STL files from all scanning sources

Choose Complete or Select for aligners your way.

**Complete** for greater flexibility in full arch treatment:
- Full clinician control of digital adjustments to all tooth movements, attachment design/placement, and staging using our advanced 3D modeling, and simulation tools
- Flat rate pricing includes unlimited aligners and free refinements throughout treatment**
- Export staged models for fast 3D model printing to use in making replacement aligners and retainers

**Select** for a flexible platform for aligners or hybrid treatment plans:
- Clinician preferred control of initial treatment plan (in-office or SureSmile TechCenter)
- Same clinician control of digital adjustments as in Complete
- Pay only for the aligners you need
- Export staged models for fast 3D model printing to use in making replacement aligners and retainers

“...put control back in the hands of the orthodontist.”

Cory Costanzo, DDS, MSD
Fresno, CA


**SureSmile automated quality scoring methods were designed and implemented in accordance with ABO Calibration Kit. ABO is not a registered trademark of Dentsply Sirona; no endorsement is implied.**

**Treatment time up to 3 years from aligner production.**
In-office Aligner Design
The value of versatility.

For practices that have 3D printers, vacuum pressure machines or want to do their own treatment plans there is a range of DIY options. Built-in automation, combined with our training programs, enable substantial delegation to keep required doctor time to a minimum.

**In-office Aligner Design offers:**
- Attachments available for more controlled movement and enhanced efficiency
- User-determined desired tooth movements
- Automated staging of tooth movements
- Quick viewing for case monitoring at all stages
- Task management, case tracking and patient reporting

**Applicable to a wide range of therapies:**
- For simple relapse or moderate crowding cases from start-to-finish (attachments can be applied digitally to aid in achieving more challenging movements)
- For more aggressive adult cases, aligners can be used following a few months of fixed appliances
- To treat one arch while treating the other with fixed appliances
- To finish fixed appliance cases with an aligner sequence, concluding with a retainer

Indirect Bonding
The indirect approach to precision.

The SureSmile Ortho IDB system delivers the accuracy of a jig with the chairside convenience of a tray.

SureSmile technology has been used for over 15 years to identify bracket location with scanning. Now, for the first time ever, we are offering a system that can help place brackets digitally on a CAD model and subsequently enable transfer to the teeth with unprecedented accuracy and efficiency.

There are two components to IDB: design software and a 3D printed IDB tray. Both are completely innovative in their approach and level of precision.

**Software control of bracket placement**
- User definable bracket preferences
- Automated simulation of an ideal setup
- Automated placement of brackets based on user-defined heights or Facial Axis (FA) point
- The ability to determine how many tray segments you prefer per arch

**3D printed tray segments**
- Rigid design for precise fit to the occlusal surface and minimal post-bonding clean-up
- Patent pending design for easy, fast tray removal
- Available in 13 pre-designed arch forms
- Straight-wire simulation with inter-arch control available

**IDB: A case in point**
A 29-year-old female presented for consultation with a Class II, Division II, Subdivision Right malocclusion with a moderate deep bite and moderate maxillary and mandibular arch length deficiencies. Her LR6 and LL6 have been extracted and there is mesial drift forward and tipping of her LR7 and LR8. All other 3rd molars have been extracted. She is also seeking a non-surgical option for orthodontic treatment.

Case treated by Dr. Edward Lin

Hybrid Treatment: A case in point

“This case was treated with brackets for 4 weeks (upper 4 to 4), followed by 6 sets of aligners. We find that our patients are always happy to get out of braces sooner and we are pleased with the consistency of finish.”

Case treated by Dr. Peter Kierl

For practices that have 3D printers, vacuum pressure machines or want to do their own treatment plans there is a range of DIY options. Built-in automation, combined with our training programs, enable substantial delegation to keep required doctor time to a minimum.

**Hybrid Treatment: A case in point**

1. Initial Cephalometric X-ray
2. Planned X-ray
3. Post-treatment X-ray

**IDB: A case in point**

A 29-year-old female presented for consultation with a Class II, Division II, Subdivision Right malocclusion with a moderate deep bite and moderate maxillary and mandibular arch length deficiencies. Her LR6 and LL6 have been extracted and there is mesial drift forward and tipping of her LR7 and LR8. All other 3rd molars have been extracted. She is also seeking a non-surgical option for orthodontic treatment.

Case treated by Dr. Edward Lin

**IDB automated digital design**

**IDB tray positioned for bracket bonding**

**Precision bonding completed**
Diagnostic Solutions
For the visionary in you.

Diagnostic Solutions and Appliance Design is built on the SureSmile technology foundation developed and then refined over 15 years.

The basis for all digital appliance design is the CAD model. For this reason, we have invested in software development and process control required to deliver the most precise models in the industry. A study published by the University of Minnesota indicated that SureSmile CAD models were the most accurate measured.

This accuracy, combined with the most advanced array of diagnostic CAD tools available, can be used independently to assess challenging cases of any type, or in tandem with aligner and IDB design.

Whether it is a routine assessment or determination of non-surgical alternatives for a patient who declines surgery, there is no more powerful system than what is provided in your SureSmile Ortho toolkit.

Model capabilities:
- Automation: Bolton analysis on every model
- Interactive quality tools for assessing occlusion
- Automated measurements of tooth width, arch width, interproximal contact points and clipping planes

Real-time simulation:
- Occlusal contact points
- IPR options, skeletal movements, evaluation of multiple treatment strategies, etc.
- Ability to create treatment simulations for surgical, restorative and extraction cases

The ultimate smile arc planning technology

The Diagnostic Tool Set
Having the most advanced array of diagnostic CAD tools available, SureSmile Ortho can be used independently to assess challenging cases of any type, or in tandem with aligner and IDB design.

Diagnostic tool features automatic Bolton and Arch Length Analysis on every model.

Model capabilities:
- Real-time simulation: Discrepancy Index and Quality Tools.

Each case also can be evaluated using the Discrepancy Index and Quality Tools.

Select an area of discrepancy, and the software will zoom in for evaluation.

The Art of the Scan
Your future is digital.

SureSmile Ortho accepts scans from all intraoral devices.

As part of the Dentsply Sirona family, CEREC® Omnicam with the CEREC Ortho Software is a preferred scan source that offers best-in-class digital technology. Sirona’s rigorous standards set the standard for precision that ensure clinicians “know before they go” for the best clinical outcomes. As is consistent with SureSmile Ortho’s commitment to training and support, CEREC is recognized for knowledgeable resources that are with you every step of the digital way.

CEREC Omnicam

Using Omnicam, you can produce highly detailed digital models without powder or coating. Using the camera isn’t only extremely easy, the Omnicam also fits perfectly in your hand. Thanks to its very small camera head, intra-oral scanning is far more comfortable than conventional impressions, even for pediatric patients.

Easy handling

Thanks to its slim design, the small camera head and a light weight of just 11 ounces.

Powder-free impressions

Coating-free scanning reduces the learning curve and increases patient comfort

In color

The colored scan ensures a natural-looking digital model.

Experience the simplicity of scanning. dentsplysirona.com/omnicam | 1.800.659.5977

Get Started
You will be well-trained.

United States, Canada, Australia, New Zealand & Europe
To get started, you’ll complete online training modules - IDB requires one full day of in-office training. Check for fees and availability for your location by visiting SureSmile.com.

Also, check out sureU®,
suresmile.com/sure-u/ our 24/7 learning resource site, for step-by-step guides, videos, and job aids.

For other countries
Online digital training modules available through sureU.

Check out sureU, our learning resource site, for upcoming SureSmile Ortho training sessions.

Ready to get into digital?

To learn more visit SureSmile.com

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