

How SureSmile delivers outstanding results in less time than conventional treatment

Scanning

Right from the beginning, it's easy to see that SureSmile is a revolutionary new process. We use 3-D images taken by the SureSmile OraScanner to build a computer model of your teeth. The OraScanner functions much like a video camera, taking pictures of your teeth and sending them to the computer to build a complete 3-D model.

Treatment Planning

Next, your orthodontist uses SureSmile 3-D Treatment Planning Software to analyze the virtual model of your teeth and then plot precise individual tooth movements for the entire course of your treatment. Because your care is planned on the computer from the beginning, we can design archwires that work more efficiently from the start of treatment, which means fewer wire changes and adjustments.

Personalized Archwires

SureSmile robots custom bend space-age Shape Memory Alloy archwires exclusively for your orthodontic treatment, based on your orthodontist's instructions. These "smart" wires, which permanently retain your individual prescription, are some of the most efficient archwires available in orthodontics today. The end result is more directed tooth movement that "shortens the distance" to the target position.

What Makes SureSmile Different?

Advanced technology is what separates the SureSmile system from conventional treatments.

Conventional

In conventional orthodontics, your doctor uses a plaster model and 2-D x-rays to determine generally how he or she will treat your teeth.



The finishing positions for your teeth are developed over time by viewing progress at frequent monitoring visits. As a result, the finishing stage of treatment, where the fine alignments of your teeth occur, can take as long as the major adjustments.



Archwires are typically bent by hand at chairside. Wires made from these bendable materials such as stainless steel require continuous re-adjustment over the course of treatment.



SureSmile

In SureSmile orthodontics, your doctor uses the handheld OraScanner to capture 3-D images, allowing him or her to build a precise 3-D computer model of your teeth.



Treatment planning occurs on the computer, where the doctor is able to precisely map out your entire treatment and design target positions for your teeth. With this information we can determine the most efficient way to move them to the desired positions more directly, reducing treatment time.



Our robotic process creates each patient's unique wires by precisely reproducing the orthodontist's design. These Shape Memory Alloy wires deliver more efficient tooth movement because they permanently retain the custom bends.



Now that you know the basics of the SureSmile process, you probably have even more questions about how it can work for you. While your orthodontist is always the best source of information, we've compiled a list of answers to some of the most frequently asked questions about SureSmile on the other side of this sheet. *Check it out!*



SureSmile FAQs: Answers to the most frequently asked questions

Is my orthodontist still in control of my treatment?

Absolutely. SureSmile allows your orthodontist to treat patients using the same fundamental process and tools that he or she has used for years. In fact, your doctor has greater control over treatment thanks to the 3-D visualization tools that SureSmile provides.

How does the OraScanner work?

Using a flashing white light—not x-rays or lasers—the OraScanner takes a series of digital pictures that are used to make 3-D computer models of your teeth.



How long does it take to do a scan?

A scan takes between 30 and 40 minutes on average. Factors such as tooth crowding and the size of your mouth may affect the length of time that a scan takes.

What are SureSmile Shape Memory Alloy wires?

The alloy used to make SureSmile archwires has been used in conventional orthodontics for some time. However, until the introduction of our robotic process, doctors have been unable to customize these wires to an individual patient's needs due to the high temperatures required to bend these wires. The material characteristics of these archwires and their permanent customization enable them to deliver efficient, constant forces as they move your teeth to the target positions.



Is there a risk of damaging my teeth because they are moving faster?

SureSmile wires do not move teeth any faster than the same wires used in conventional orthodontics. However, thanks to 3-D tools, they can move your teeth along a shorter path to the target position. Your overall treatment is shorter due to the shorter distance.

Where can I find more information on braces, and about SureSmile?

For more information on braces, visit www.braces.org—the web site of the American Association of Orthodontists.

For more information on SureSmile, ask your orthodontist or visit www.suresmile.com.



www.suresmile.com

sureSmile®