



Custom Archwire Appointment

SureSmile wires contain prescription bends to move your teeth more precisely into place. Because these highly accurate wires are custom-designed by Dr. Montano for you, fewer wire changes and appointments are needed. That can reduce your treatment time by as much as 40%!



3-D intraoral scanning



Computerized treatment planning



Customized robotically-bent archwires

Answers to the most frequently asked questions

What do wires have to do with braces?

Orthodontists move teeth by attaching a bracket to each tooth to serve as a handle for securing a wire. When the wire is tied to the brackets, it delivers a force to move the teeth.

How are SureSmile wires different from regular orthodontic wires?



Regular orthodontic wires are curved in a generic shape. At the beginning of treatment, these wires are useful for getting your teeth moving in the right direction.

Since you are unique, you will eventually need wires that can achieve specific movements. With traditional orthodontics, the doctor inserts a stiffer wire and uses special pliers to make wire bends that the doctor estimates will achieve the desired results. Since these changes can affect neighboring teeth and your bite, the doctor makes these adjustments over several

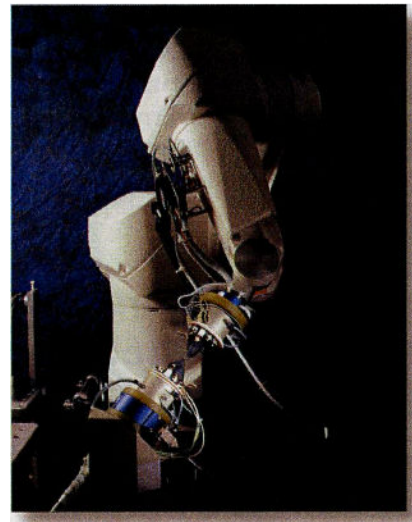
appointments to observe the effects of each change and make corrections if needed.

In contrast, SureSmile uses a robot to produce the wires more accurately than is humanly possible and includes all of the bends in one set of wires.

How were my wires made?

The process of producing your wires started at your scan appointment where we captured the location of your brackets and up-to-date tooth movements. Dr. Montano used the resulting 3-D model to plan the final outcome of your treatment.

Your wires are fabricated by computing the wire design needed to achieve treatment goals, and then sending the prescription to a robot. All of the bends your orthodontist requires are placed into one set of wires within 5 minutes by the robot—a process that requires adjustments over weeks or months manually. Continued →



MONTANO ORTHODONTICS

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