

TRU-TAIN

ORTHODONTIC & DENTAL SUPPLY

Truax Crown Contour Tooth Movement System™ STARS (Serial Truax Appliance Rains System)™

1. Slenderize the teeth if room is needed to align teeth.
2. Place the Crown Contours™ on the cuspids or bicuspid and the molars. (Place four Contours on each arch), or Indirect tray technique; glue Crown Contours onto stone model, then form a sheet of .030 Coping or .020 Crown & Bridge material over model with Crown Contours. Next draw a fine line around the perimeter of the Crown Contour voids with a Sharpie fine point marker this provides a guide when curing, remove tray off of model. You are now ready to use your transfer tray. Fill the Crown Contour voids on the tray with a light cure composite, place tray in patients mouth and proceed to light cure material. Remove tray from mouth, the coping tray material should separate easily it will not bond to composite or acrylic.
3. Take an impression; if tooth movement will effect the bite take an opposing impression also. Pour impressions in a horseshoe shape without a base or palate. Models should be poured in stone not plaster, this provides more durability.
4. Cut the teeth apart on the model, one tooth at a time and reposition before cutting out and repositioning other teeth. This will maintain proper arch form and amount each tooth should be moved. Make sure the model is dry. Place the teeth back into the desired position on the model using sticky wax or blockout compound to hold the teeth in position.
5. Fill in the voids on the model around the teeth with quick set plaster, allow to dry. The model is now ready for appliance construction.
6. Make three Stars™ Appliances of .020, .030, .040 Tru-Tain plastic. Make all three appliances on the same model. These appliances are made by forming the Tru-Tain plastics over the model using a vacuum or pressure type machine.
7. After forming the plastics is complete, trim plastic off of the model with a scalpel or trimming bur on a hand piece. Trim the plastic from 1 ½ - 2 mm apically to the gingival crest all around the labial, buccal, and lingual of the model. Remove the plastic with a Howe Plier. The final trimming is easily done with a Crown & Bridge Scissors.

4481 N. FRONTAGE ROAD, #14 HIGHWAY 14 W. ROCHESTER, MN 55901

www.tru-tain.com • info@tru-tain.com

8. The first Stars™ Appliance made of .020 Tru-Tain plastic is now ready to be seated in the patient's mouth. This initial appliance provides a very light and gentle force which is needed for beginning tooth movement. Only the .020 appliance is given to the patient at this time with a retainer case and instructions on wearing and cleaning their appliance.

9. The first appliance is to be worn 2-3 weeks full-time, taking out only to eat and brush teeth. (Not to wear while chewing). Have the patient back after this time period and remove the .020 appliance and replace with the .030 Stars™ Appliance, once again patient is to wear this appliance for 2-3 weeks full-time removing only to eat and brush. (Appliances should be cleaned occasionally in a denture cleaner and or ultra-sonic cleaner). Patient is to return again after this time to receive the final Stars appliance of .040 plastic. The .040 appliance is to be worn 2-3 weeks or longer until tooth movement is complete. At this time the Crown Contours are removed and a retainer of .030 or .040 Tru-Tain Plastic is placed nights only.

Please note that this series of three appliances can rotate/move teeth approximately 10 degrees or $\frac{3}{4}$ to 1 millimeter for the anterior teeth, less for bicuspid and molars. Depending on the amount of tooth movement desired more than one series of these special appliances may be needed. If you should have any questions, comments or problems regarding this technique please call 1-800-843-0904. Thanks.

*These appliances are protected under U.S. Patent numbers 5,163,839 and 5,242,304.