



RICOH ORTHODONTIC APPLIANCES

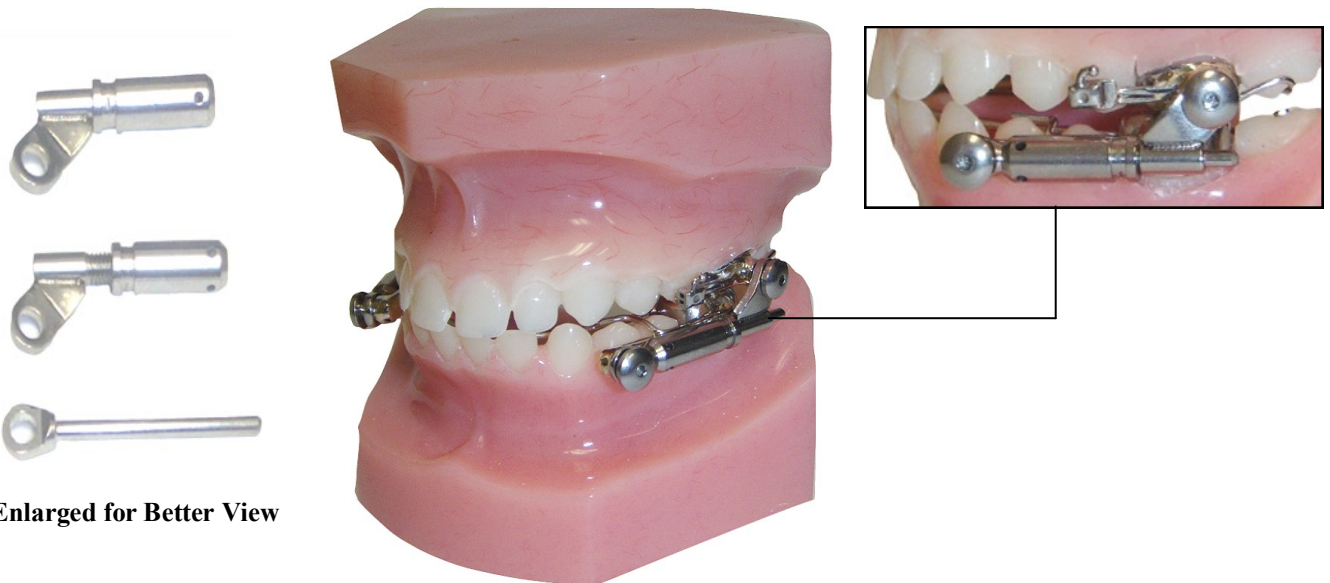
The Williams Appliance for Class II Treatment

Description

The new Williams appliance makes class 2 treatment really easy. The unique threading design allows for incremental advancements of the mandible. A key is placed in the holes built into the tube thus allowing for chairside activation and advancement of the mandible. No shims, no removal of the appliance, no disengagement needed, just turn the key!

Advantages

- Shimless design: Less potential for accidental aspiration of loose parts.
- Incremental advancement capabilities: Research indicates that incremental advancement of the mandible is superior.
- Allows clinician to make adjustments chairside.
- Allows for asymmetrical advancements to the accuracy of 1/8mm per side.
- Due to the unique threading design, allows both right and left handed clinicians to activate both sides without having to reposition the patient.
- Activations make it more difficult for patients to disengage from the appliance as the working lengths of the muscles increase. Shim designs actually disengage easier as the shims are added. The Williams design has the tube getting longer as the mandible advances thus making disengagement more difficult.
- Sturdy design which will not bend under torque or tension like other Class II devices.
- No storage of different sizes of shims or going into laboratory and measuring for the right size shim needed.
- The connectors have been designed so they can be used to replace any standard Herbst connector which is presently being use on any active patient.



Enlarged for Better View