



# THE MiniScope™

## HERBST®

## SPECIALTY APPLIANCES

ORTHODONTIC LABORATORY SERVICES

### Telescope Feature

The MiniScope is formed as a 3 part telescope that cannot disassemble in the mouth. This avoids the issues sometimes seen with the traditional Herbst where the rods and tubes come apart.

### Improved Patient Comfort

The lower screw and pivot attachment on the MiniScope is located adjacent to the second bicuspid which reduces potential irritations near the corners of the mouth.

### Increased Lateral Movement

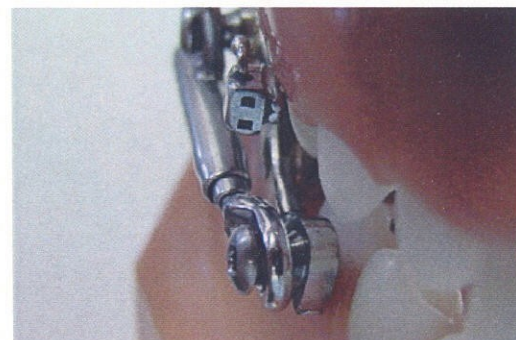
By combining the MiniScope with the new AppleCore hex head screws, the mechanisms have increased lateral movement, improving patient acceptance and comfort.

## Specialty Appliances is pleased to announce an all new mechanism - The MiniScope

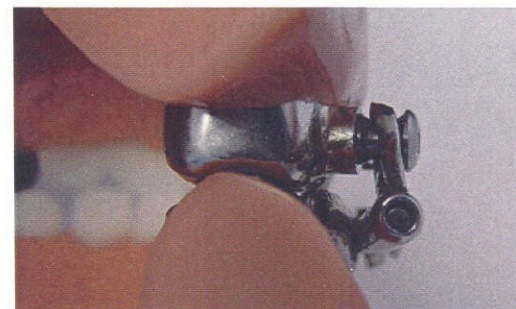
With the new MiniScope mechanism, the lower pivot is located further distal in the mouth, adjacent to the second bicuspid for improved patient comfort. The upper pivot is centered on the first molar which allows much easier clinical access.



The offset effect of the lower rod is shown here with the Specialty Cantilever Herbst design. The combination of this offset with the reduced prominence of the AppleCore screw and nut results in a lower profile appliance.

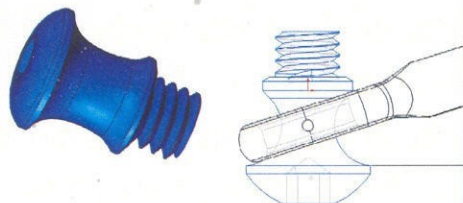


As seen from the distal view, the upper eyelet is offset to the lingual on the mechanism. This offset profile locates the outer edge of the screw head in a continuous line with the mechanism itself, reducing the total buccal dimension of the appliance.



## Also Introducing the New AppleCore™ Screw

To further improve the MiniScope we are also introducing a new hex head screw to connect the mechanism. We have modified the traditional straight barrel screw by adding a curved radius. We have termed this the AppleCore screw due to its profile in cross section. This unique geometry of the AppleCore is designed to gain additional lateral movement compared to the traditional Herbst screws.



*The "AppleCore" screw is designed to provide additional lateral movement with the Herbst.*