Polishing up your orthodontic finish

Simple, three-step system improves clinical efficiency

By S. Jay Bowman, DMD, MSD

The Axis Orthodontic Adhesive Removal Set* (featuring a series of three polishing devices) was designed to both effectively and efficiently remove adhesives and cements after the completion of orthodontic treatment and to produce a smooth final enamel finish.

This set consists of the following components: 1) H375R-016 (7675) Red Carbide, a gross adhesive removal bur; 2) H246L-012UF White Finishing Carbide, a 30-fluted finishing bur; and 3) P0153-031 Polisher, a green polishing point. All are conveniently maintained in an aluminum bur block that can be sterilized.

These three devices can be used with either low- or high-speed friction-grip dental handpieces (including electric handpieces). Using a high-speed handpiece to remove adhesives is more comfortable for patients due to reduced vibration compared to that from a slow speed. Lower vibration also produces a smoother surface finish.1

Clinical efficiency is improved with this simple, three-step system as a single contra-angle handpiece can be employed for the entire removal/finishing process.

After orthodontic appliances have been removed, the 7675 Carbide (Red) is used in a high-speed dental handpiece to dislodge gross residual resin.

This round-end, tapered 12-blade bur is ideal for removing both orthodontic bonding adhesives and also cements that remain on the teeth after de-bracketing and de-banding. Eliades et al.2 concluded that, “carbide burs are ideal cutting tools for with this simple, three-step system as a single contra-angle handpiece can be employed for the entire removal/finishing process.”

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