Invisalign Assist adds new features

Improvements expand capabilities to cover a wider range of esthetically oriented cases

Align Technology has introduced new and improved features for Invisalign Assist®, expanding its capabilities and giving clinicians the confidence and control necessary to treat a wider range of patients.

These latest features include improvements designed to achieve anterior teeth extractions and canine rotations and the new ability to perform lingual root torque when uprighting retroclined upper incisors. In addition, these improvements now allow more cases to qualify for Invisalign Assist.

Invisalign Assist includes built-in product support, including progress tracking and other reporting features, throughout treatment to help deliver the outcomes clinicians expect.

Ideal for anterior alignment and esthetically oriented cases, Invisalign Assist incorporates Align’s innovative technology and experience with more than 1 million cases to help clinicians develop case setups, track treatment progress and create appointment-specific task lists.

The latest version of Invisalign Assist includes feature enhancements to improve treatment efficiency for clinicians with a wide range of Invisalign experience:
- More control in ClinCheck®, with adjustments to final tooth position prior to ClinCheck setup acceptance.
- Improved progress tracking reports with more tooth-specific detail.
- Online links to more information for case-specific tasks, including bonding attachments, performing IPR and monitoring treatment.

To learn more, please visit invisalignassist.com.

Axis Orthodontic Adhesive Removal Kit

The Axis Orthodontic Adhesive Removal Kit features a series of three devices designed to efficiently remove residual adhesive after orthodontic appliances are removed and to produce a smooth final enamel surface.

The three-step system includes 7675 Red Carbide, a gross adhesive removal bur (H125L-0125-F); and the P0153-051 Polisher green polishing point (#P0153-051). All are conveniently maintained in an autoclavable, aluminum bur block.

This kit can be used with either low- or high-speed friction-grip contra-angle handpieces. Using high speed creates less vibration so the process is more convenient for patients and produces a smoother surface finish.

Because this simple, three-step system can be used with just a single handpiece, it is more clinically efficient while effectively removing residual adhesive and providing ideal polishing after bonded, banded and Invisalign® treatments.

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BioQuick brackets

The new BioQuick® brackets from FORESTADENT have a base that is perfectly adapted to the shape of natural teeth. Approximately 4,000 teeth from all around the world were scanned using 3-D lasers, and the data of their contours were examined in detail for developing the base.

The new biological base, therefore, optimally corresponds to the anatomical curvature of tooth crowns because of its slight angulation and ensures reliable bracket placement. Any “rocking” of the brackets when pressed onto the tooth is prevented from the outset. In addition, hook-style undercuts on the patented base ensure a reliable bond.

Another innovation of the third generation of Quick brackets is the circumferential pad margin, which greatly reduces the overfill of adhesive.

It is not only the bracket base that has been improved, however; the design of the interactive clip has been modified and provided with a new snap function. With the aid of a notch on the pad margin, the probe is guided automatically to the slightly extended clip, which makes it considerably easier to open from the gingival. The clip provides more free space for archwires up to a dimension of 0.018 inches because of a special support, in a similar way to passive brackets.

Well-rounded edges as well as four contact ribs in the slot ensure that BioQuick brackets provide controlled force transfer with minimal friction. BioQuick brackets display their full potential particularly in clinical situations with pronounced vertical archwire deflection (e.g., in the case of displaced canines).

Binding and notching, which often occur with conventional brackets, are prevented by the contact ribs in the slot. As the archwire only rests on two contact points, it has greater clearance and, therefore, ensures friction-free sliding.

The additional slot (0.016 inches by 0.016 inches) of the brackets considerably extends treatment options with BioQuick brackets. The auxiliary slot allows such placement as diverse springs for uprighting molars, de-rotation and intrusion/extrusion or combined application of the OrthoEasy® pin system from FORESTADENT.

A passive version of BioQuick brackets will also be available from the middle of 2010 for more rapid diastema closure. The slot floor will be lowered to allow the archwire more clearance and enable more passive sliding of the bracket on the square archwire.

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The interactive clip has been provided with a snap function, which enables easy, quick gingival opening using a probe.

The BioQuick brackets can be placed reliably without any ‘rocking’ because of the new base, which has been perfectly adapted to the natural curvature of tooth crowns. (Photos/FORESTADENT)