The new frontier restorative dentistry

Federico Ferraris Adhesthetics Theca Kit

By Hu Friedy

The Adhesthetics Theca kit is comprised of four unique instruments designed by Dr. Federico Ferraris in collaboration with Hu Friedy. It is a unique set of instruments created for use during the clinical phases of both direct and indirect restorative dentistry to help clinicians achieve positive results through clinical excellence.

The Main Shaper, the Fine Shaper, the 3D Shaper and the Direct Caliper are all made using XT5 technology, a dark Aluminium Titanium Nitride (ATiN) coating that offers superb contrast in comparison to composite materials and tooth structure.

The coating is also incredibly slick, resisting the adhesion of sticky composite materials. The smooth handle is not only ergonomic and lightweight, but each instrument has its own distinct set of colour cones, making instrument identification simple. The set of four instruments includes an IMS Cassette, which prevents the instruments from being damaged during transportation and sterilization protocols.

TNF1/2

Manipulation of composite on buccal surfaces during direct anterior restorations, Class IV and V cases, direct veneers restorations and general esthetic restorations. The tip’s lance shape and flexibility allow for it to adapt to restorative material and is also effective in removing excess material from the vestibular region by using its edge (Fig. 7). Its flexibility allows for restorative materials to be manipulated with a delicate touch. It is sturdier than a standard brush however less rigid than a standard spatula.

FF1

Application of medium-grip quantity of material directly on the tooth or as a material carrier. Its round shape and rigidity allow for the manipulation of restorative materials in wide cavities. It is also effective when placing material on wide surfaces (Fig. 8). Dimensions of working part length 115 mm, width 2.5 mm and thickness 0.4mm.

FF2

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By Align Technology, Inc.

Align Technology, Inc. (NASDAQ: ALGN), a global medical device company engaged in the design, manufacture and marketing of the Invisalign system, the most advanced clear aligner system in the world, and Invisalign clear aligners, helps transform lives of patients into everyday procedures allows successful protocols to those clinicians who want to achieve excellence in restorative dentistry.

Fig. 7

Fig. 8

Fig. 9

Fig. 10

One of the highlights of the event will be an Invisalign seminar, hosted by Dr. Mario Greco, the visiting professor at the University of Ferrara, who will discuss in detail the advantages of clear aligners versus conventional appliances. The seminar is open to all delegates of DLS4, and will be held on November 15 from 1 to 3 pm. Dr. Greco will also lead a plenary lecture on November 15 from 10 to 11.30 am on “The Effective Affiliates for Aligner Digital Orthodontics.”

In addition to the lecture and the workshops, Align Technology’s exhibition stand will showcase its digital dentistry solutions, including the

The Invisalign clear aligner system that helps straighten teeth of teenagers and adults without the need for a brace.

Invisalign’s Mandibular Advance feature combines the benefits of the most advanced clear aligner system in the world with features for moving lower jaw forward while simultaneously aligning the teeth.

Invisalign treatment with mandibular advancement offers convenient and barely visible treatment in comparison to functional appliances. The treatment is done without the need for braces typically used to treat Class II patients.

Mawlid Chaoua, Align Technology general manager for Middle East and Africa, said “DLS4 Bahrain is a truly global event that brings together dental experts and medical professionals to discuss evolving trends as well as the challenges faced. We are extending our support to the event as a Diamond Sponsor in addition to hosting Dr. Mario Greco at the event to present the advances we have made in digital dentistry. Today, our Invisalign clear aligner systems and i50 Element scanner are a popular choice among practitioners and we aim to leverage our participation to strengthen doctors awareness about our innovative products and solutions.”

Align Technology showcases its digital dentistry solutions at DLS4 Bahrain