

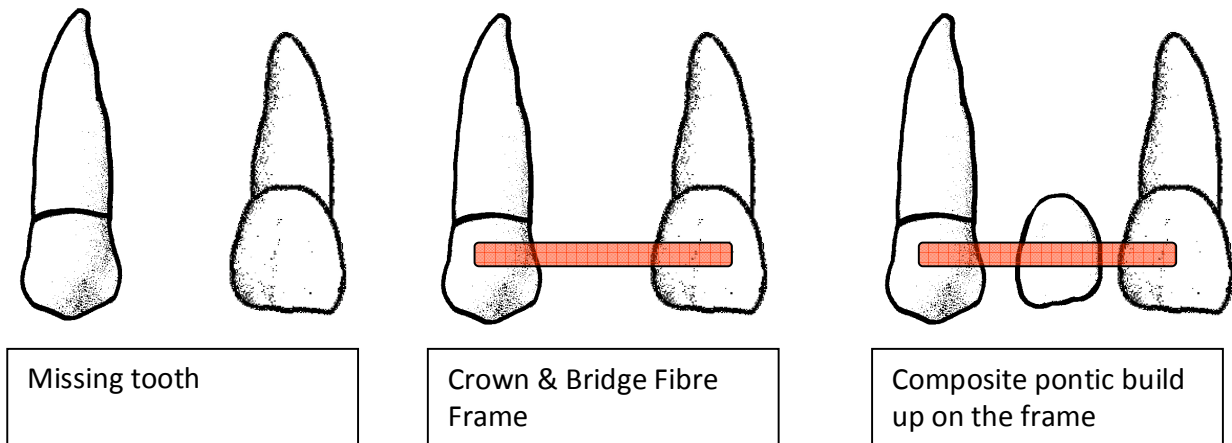
Fibre Reinforced Composite System

**SINGLE APPOINTMENT
METAL FREE
COST EFFECTIVE
MINIMALLY INVASIVE
PATIENT PLEASING
MODERN HIGH-TECH DENTISTRY**

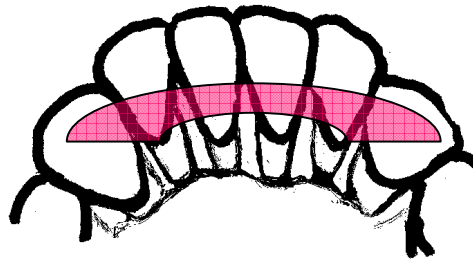
The everStick fibre reinforced composite system (Fibrebond) consists of thousands of parallel glass fibre strands imbedded in a multiphase bis-GMA polymer resin matrix, the same matrix you will find in an ordinary composite (combination of an organic matrix and inorganic filling particles) dental filling. The inorganic filler particles are responsible for the physical properties of the composite material. By employing these fibres you can now change and strengthen physical properties of the composite you are already using in your practice. It also means that you can polish these fibres as smooth as any composite restoration employing proven polishing techniques. The patented bis-GMA polymer resin matrix, on the other hand, ensures that you can bond these fibres to dentine and enamel with the acid-etch technique, obtaining average bonding values of 26 MPa. A further advantage of this matrix is that it will bond very well to the composite you are already using, ensuring that structures you build on the fibre framework will not de-bond.

VIGNETTES

Vignette 1: Crown and Bridge fibres are bonded between the retainer teeth and a pontic is built up on the sturdy framework using various techniques. During the hands-on courses delegates are taught different ways of constructing the fibre frames. They are also given the opportunity to do a fibre frame on a POP model.

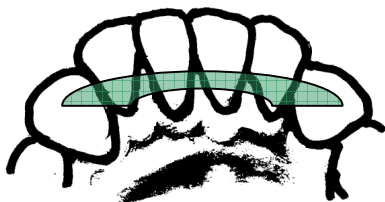


Vignette 2: Periodontal splints. During the hands-on courses the technique of placing the everStick Perio fibre is demonstrated and the delegates are given the opportunity to place a periodontal splint on a POP model.

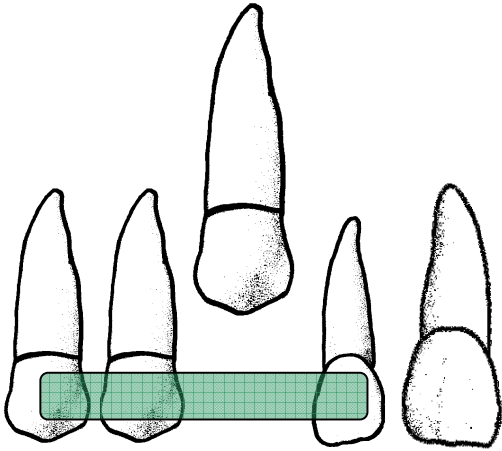


A Fibre reinforced composite splint is placed on the mobile teeth as part of a comprehensive periodontal treatment plan

Vignette 3: Orthodontic Permanent Retainers and Space Maintainers

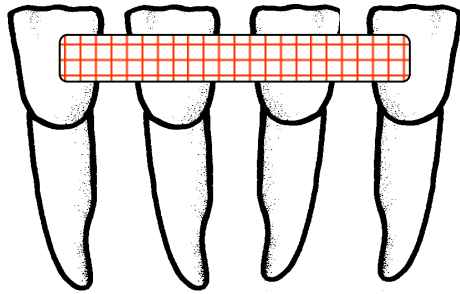


everStick Ortho fibre is bonded directly to the teeth to act as permanent retainer after active orthodontic treatment



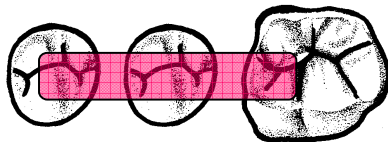
everStick Perio fibres bonded on the labial surfaces of the premolars and lateral to act as a space maintainer for the canine

Vignette 4: Trauma splinting with everStick fibre net



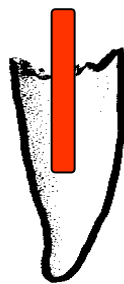
The teeth are loose due to trauma (e.g. a skate board incident). The teeth are splinted with a piece of everStick Fibre Net. The Net can be removed after healing has taken place- (normally after 7 days). Net can also be used where teeth are completely knocked out. The splint is typically placed on the labial surfaces of the teeth.

Vignette 5: Occlusal Splint

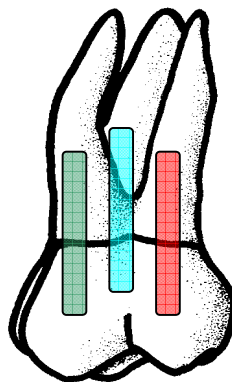


The splint can be placed in the space of removed MOD fillings to reduce mobility of posterior teeth. This treatment is always part of a comprehensive periodontal treatment plan

Vignette 6: Anatomical Posts are manufactured in the surgery according to the anatomy of the specific post space and then bonded to the root. A core build-up procedure is then completed, followed by a crown preparation. Alternatively a clinical crown can be built up with composite by utilizing various different construction methods. During the hands-on courses this procedure is covered in detail and delegates are given the opportunity to construct an anatomical post on a Perspex model of a tooth.



Single anatomical post



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