

OptiDam – SoftClamp - Fixafloss

Complete step-by-step anterior and posterior procedures

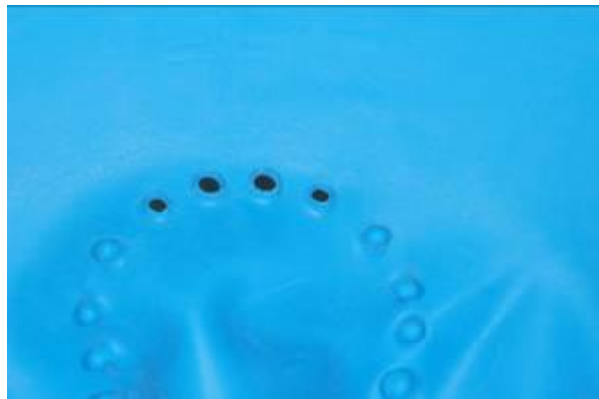
Dr. med. dent. Philipp E. Schneider, Baarerstrasse 45, CH-6300 Zug

1. *OptiDam™-Fixafloss™: A complete anterior procedure, a step-by-step guide.*

1a) Preparation of OptiDam™ anterior: a 3-dimensional shape with a unique nipple design, after indentifying the teeth or tooth to be isolated simply cut of the nipples with a pair of scissors, eliminating the use of a punch (**Picture 1**), resulting in a non-frayed or torn holes (**Picture 2**);



Picture 1: OptiDam™: 3D-shape with nipples



Picture 2: OptiDam™: nipples cut off

1b) The OptiDam™ is fixed on to an autoclavable anatomical frame which matches the contours of the mouth. This specific combination of 3D-design of the rubber dam and the anatomical frame allows reduced tension, resulting in more patient comfort (**Picture 3**);

1c) Easy of application by gently sliding the OptiDam™ through contact points (**Picture 4**);



Picture 3: OptiDam™ and autoclavable frame



Picture 4: OptiDam™ through contact points

1d) Due to the low rubber dam tension, the fixation in anterior areas is possible with dental floss or Fixafloss™, an innovative new product, it combines both a waxed dental floss and a conical shaped wedge, and is simply pulled through the interdental area (**Pictures 5 and 6**);



Picture 5: Fixafloss™: for rubber dam fixation



Picture 6: Fixafloss™: for rubber dam fixation

1e) After fixation with Fixafloss™ the free ends are cut off (**Picture 7**);

1f) **Picture 8** shows the result of a gentle and rapid OptiDam™ placement with Fixafloss™. Depending on the anatomic situation, Fixafloss™ is a real alternative to standard rubber dam placement. This unique product comes in a hygienic dispenser with integrated cutting blade.



Picture 7: Fixafloss™: cutting off the ends



Picture 8: Fixafloss™ and OptiDam™ combined

2. *OptiDam™-SoftClamp™: A complete step-by-step posterior procedure.*

2a) Preparation of OptiDam™ posterior: a preformed rubber dam with 3D-shape and preformed nipple design (**Picture 9**), permitting easy removal of the nipples with a pair of scissors (**Picture 10**), once again resulting in good apertures without the use of a standard punch (**Picture 11**);



Picture 9: OptiDam™: 3D-shape with nipples



Picture 10: OptiDam™: easy nipples removed



Picture 11: OptiDam™: nipples cut off



Picture 12: SoftClamp™: autoclavable clamp

2b) Easy pre-placement of the unique metal free universal SoftClamp™ into the OptiDam™ (**Picture 12**);

2c) SoftClamp™ is compatible with various forceps allowing a gentle and precise application (**Picture 13**). This unique clamp is autoclavable and grips the teeth firmly without damage to the EDJ area. **Picture 14** shows a SoftClamp™ on a lower first molar: the combination of reduced tension of the OptiDam™, and low pressure from SoftClamp™ on the teeth results in good patient acceptance and comfort.



Picture 13: *SoftClamp™: forceps compatibility*



Picture 14: *SoftClamp™ on a lower first molar*

2d) In the posterior area, OptiDam™ can be fixed with Fixafloss™, easily pulled through the interproximal area (**Picture 15**). The free ends of Fixafloss™ are then cut off, as showed in the anterior procedure;



Picture 15: *SoftClamp™ and OptiDam™ combined*



Picture 16: *SoftClamp™, OptiDam™ and Fixafloss™*

2e) The 3D-shaped, tension-reduced OptiDam™ permits optimal and fast access to the oral area. Together with the additional incorporation of new fixation devices such as SoftClamp™ and Fixafloss™, KerrHawe have succeeded in showing a real breakthrough in rubber dam techniques (**Picture 16**).

The OptiDam™ rubber dam system, in addition to SoftClamp™ and Fixafloss™ is really innovative and proves an invaluable tool in daily practice.