

# Flowchart Multilink N

TOOTH - Crown - Composite - Multilink N

## 1 The temporary is removed



The temporary is removed. If necessary, any leftover temporary cement is removed from the preparation with a polishing brush and cleaning paste free of oil and fluoride (e.g. **Proxyl fluoride-free**). Subsequently, the preparation is dried with moisture-free and oil-free air.

## 2 The restoration is tried in

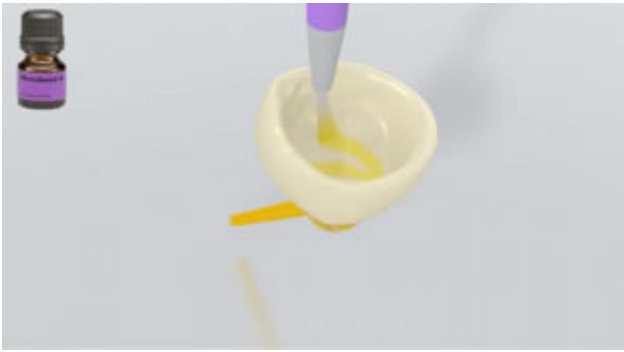


The permanent restoration is tried in. At this stage, the shade, accuracy of fit and occlusion of the restoration are checked.

## 3 The restoration is pretreated



The restoration is sandblasted according to the directions of the manufacturer of the restorative materials (e.g. **SR Nexco**, 2 bar,  $\text{Al}_2\text{O}_3$  100  $\mu\text{m}$ ). Alternatively, the restoration is roughened with finishing diamonds.



**Monobond N** is applied to the pretreated surfaces with a brush or microbrush and left to react for 60 seconds. Subsequently, it is dried with a vigorous stream of air.

#### 4 The preparation is isolated and cleaned



Relative isolation of the treatment field - preferably with **OptraDam** or alternatively with absorbent pads and a saliva ejector - is indispensable.

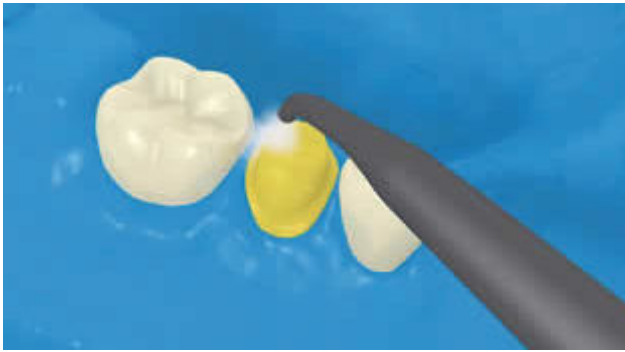


The preparation is cleaned with a polishing brush and moisture-free and fluoride-free cleaning paste (e.g. **Proxyl fluoride-free**). Then it is rinsed with water spray. Subsequently, it is dried with air free of oil and moisture. Overdrying must be avoided.

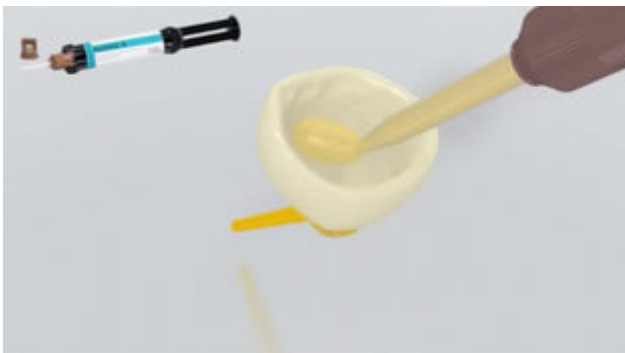
#### 5 Multilink N Primer A/B and Multilink N are applied



Apply the mixed **Multilink N Primer A/B** onto the entire bonding surface using a microbrush, starting with the enamel surface, and scrub it in for 30 sec.



Excess **Multilink N Primer** is dispersed with a strong stream of air until the mobile film disappears. As the primer is self-curing, light-curing is unnecessary!



**Multilink N** is dispensed from the automix syringe and the desired amount is applied directly to the restoration.

#### 6 The restoration is seated and excess cement is removed



The restoration is seated and held in place using light constant pressure.



Gross excess is removed with a suitable instrument (e.g. spatula, brush). Care must be taken to remove all excess in hard-to-reach areas (proximal, gingival margins).



Like all composites, **Multilink N** is subject to oxygen inhibition. In order to avoid this problem, it is advisable to cover the restoration margins with glycerine gel/air block (e.g. Liquid Strip) immediately after the removal of excess cement.

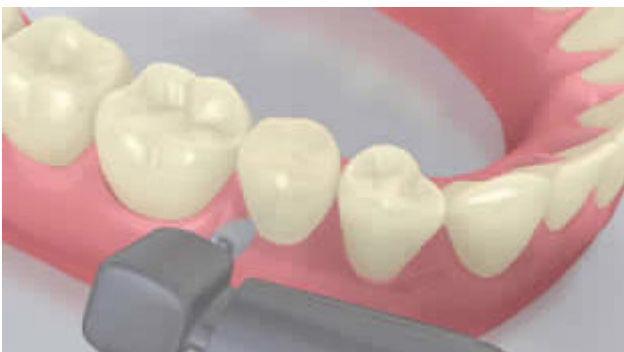


Subsequently all the cement margins are light cured for another 20 seconds (e.g. **Bluephase N** in the HIGH mode, approx. 1,200 mW/cm<sup>2</sup>). Materials that are opaque, in other words, impervious to light, should be allowed to self-cure.



**Liquid Strip** is rinsed off and the rubber dam is removed.

## 7 The completed restoration is finished



Proximal areas are adjusted with finishing and polishing strips. The occlusion and functional movements are checked and adjusted if necessary. The restoration margins are polished with polishers (e.g. **OptraPol**) or discs.

## 8 The teeth are fluoridated



A thin film of **Fluor Protector** is applied with a Vivabrush or brush and distributed evenly. The varnish is dried with an air syringe.