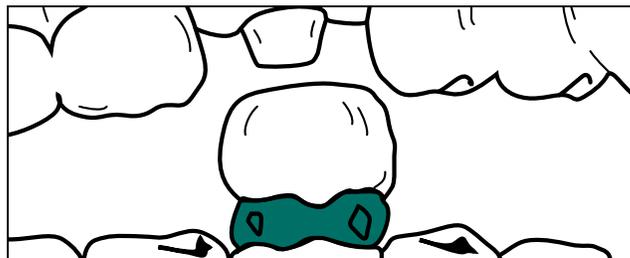
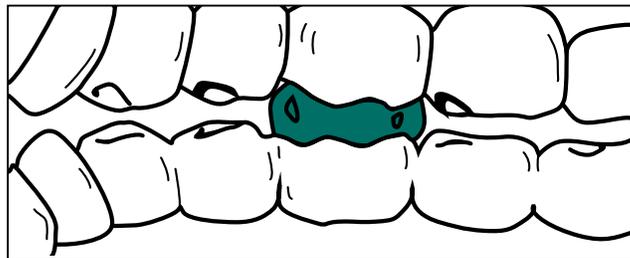
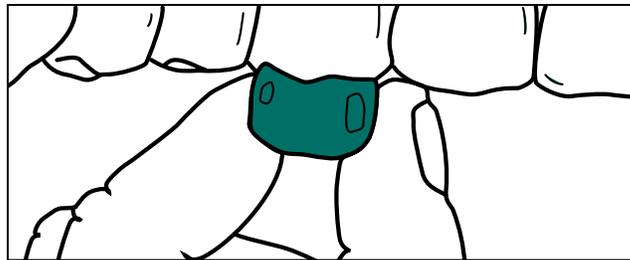
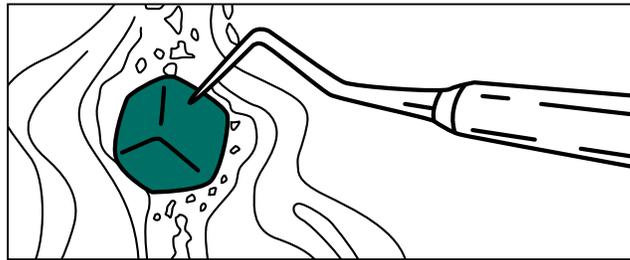


# INSTRUCTIONS

---

## ***RICHWIL*** **Crown and Bridge Remover**



# INSTRUCTIONS

---

# ***RICHWIL***

## **Crown and Bridge Remover**

**For the safe , non-traumatic removal of crowns, bridges and inlays.**

The Richwil Crown and Bridge Remover quickly and safely removes crowns, bridges, and inlays which have been temporarily or permanently cemented. The Remover also serves as a convenient aid during the fitting procedure.

A water-soluble, pliable resin with tenacious properties, the Remover will adhere to teeth, gold, porcelain and acrylic resin. The patient generates the removal force, which occurs in a line perpendicular to the long axis of the tooth.

The Remover requires no drilling, clamping, prying, cutting or percussive force. Restoration surfaces remain undamaged and the procedure avoids dangerous angular forces and potential patient trauma.

Before using the Richwil Remover, please read the following instructions carefully.



441 19th Street SE  
Hickory, NC 28602  
[www.hagerworldwide.com](http://www.hagerworldwide.com)

Call Toll Free  
+1 (800) 328-2335



Authorized Representative, Europe:  
Emergo Europe BV Prinsessegracht 20  
2514 AP The Hague • The Netherlands

## 1. Explain the procedure.

### a. First, explain the procedure to the patient.

Explain that the patient must close and compress the Remover, hold a firm constant pressure, and then open the mouth with a quick, forceful movement. Demonstrate the procedure to add emphasis.

**b. Also explain that you may have to try the technique several times**, as required by the restoration's tightness of fit and the type of cement used.

## 2. Condition the Remover.

### a. Dip the Remover in hot tap water for a few seconds.

Blot the excess moisture, **but do not dry.**

Note: Do not over-soften the Remover or its adhesive properties will be lost. Momentarily placing the over-softened Remover in cold water will restore the proper compressibility.

**b.** The Remover is properly conditioned when the patient can **FORCEFULLY** bite and compress the Remover to  $\frac{2}{3}$  of its original bulk.

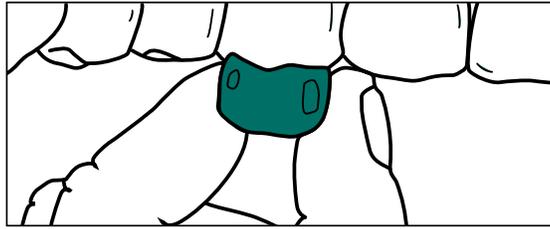
### c. Tie the Remover to 18 inches of dental floss.

Normally, the Remover and restoration will be affixed to the opposing tooth. Tying the Remover to floss will help avoid ingestion or aspiration in case the Remover separates from the opposing tooth.

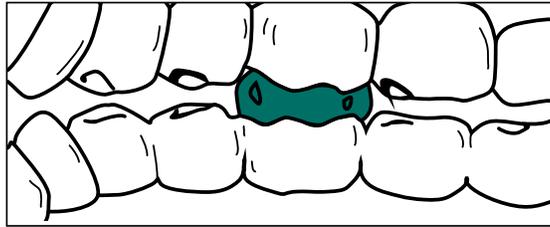
Also, at any time in the procedure, you can soften the Remover by briefly returning it to hot water.

### 3. Crown removal.

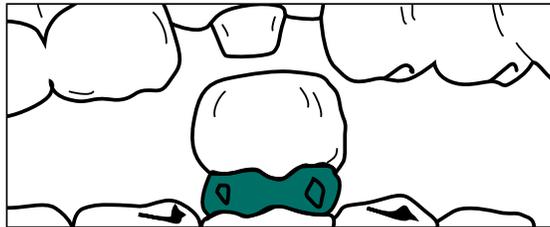
a. Place the conditioned Remover on the restoration to be removed. Apply firm finger pressure until the Remover adheres.



b. Ask the patient to close, compressing the Remover to  $\frac{2}{3}$  of its original bulk.



Note: For posterior removals, instruct the patient to close in centric reaction. For anterior use the patient closes with the anterior teeth in edge-to-edge position.



c. Ask the patient to hold a steady, non-compressive pressure on the Richwil while you spray the Remover with cold water to insure that it is cool.

d. Ask the patient to open quickly and forcefully. With proper patient action and Remover conditioning, the prosthesis will be removed and affixed to the opposing tooth.

e. Grasp the Remover and attached restoration with a 2x2 gauze, and remove.

## 4. Bridge and Inlay Removal.

a. To remove a bridge, follow the crown procedures. Place one Remover on each abutment crown of the bridge.

Note: If the cement bond of an abutment crown has loosened, you may choose to use Removers only on the tightly bonded crowns. Use your professional judgment.

b. To remove an inlay, condition a Remover and cut it in half. Then follow the crown procedure.

## Other considerations

Non-toxic and digestible, the water-soluble Richwil Remover can be easily removed from the attached restoration. Use an instrument or water to remove any portion that may remain on the opposing tooth.

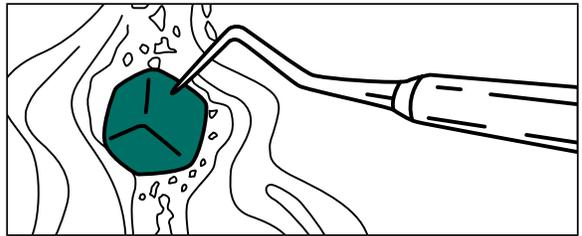
**Use of the Richwil Crown and Bridge Remover requires sound professional evaluation and judgment. The powerfully adhesive properties of the Remover may cause inadvertent removal of opposing teeth and restorations that are in less than sound condition.**

**Before you use the procedure to remove a restoration, carefully evaluate the integrity of the opposing tooth and/or restoration.**

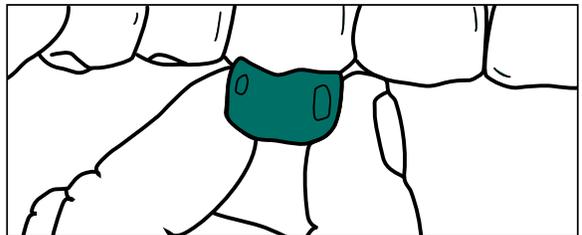
# The Richwil Crown and Bridge Remover

Effective removal in four easy steps.

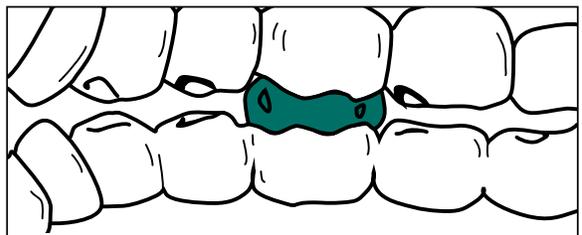
1. Dip the Remover in hot tap water for a few seconds. Blot the excess moisture, but do not dry. Remover is ready when it compresses slightly with a firm force applied between the thumb and the index finger.



2. Tie Remover to 18 inches of dental floss. Place Remover on occlusal or incisal surface of restoration to be removed. Apply firm finger pressure until Remover adheres.



3. Ask patient to bite down to compress Remover to  $\frac{2}{3}$  of its original bulk. Hold this position and spray with cold water until Remover cools.



4. Have patient open mouth quickly and forcefully. Use gauze pad to detach Remover and restoration from opposing tooth.

