

DentaSonic IPR System

Unfortunately, there are some necessary evils involved in dentistry. We have to anesthetize patients. (No one likes that, including clinicians.) We have to prep through the marginal ridge to get to posterior interproximal lesions. (So much good enamel wasted, just because there is no other way to access it!) In clear aligner ortho cases, we often need interproximal reduction (IPR). It's a necessary evil, but it is one of the few ways that we can resolve crowding issues, especially in adults. When I do IPR, I want it to be fast, accurate, safe, and easy. I have tried a lot of different systems, and the DentaSonic IPR system by GoldenDent works really well in all the ways I need it to.

The DentaSonic IPR System is a reciprocating handpiece system that allows clinicians to quickly and easily perform the prescribed amount of IPR. By "reciprocating," I mean that the handpiece moves the IPR strip back and forth at around 5,000 rpm. Imagine using a hand strip but being able to automate it with a handpiece. It makes for smooth interproximal reduction without creating a ledge. The kit contains a special reciprocating handpiece and several different insertable strip options.

The handpiece is an E-type electric handpiece and can be used with your electric motor. It should be run at 1:1 gear ratio at around 5,000 rpm.

It must be noted that you can only use the DentaSonic handpiece with these strips. The included strips are 0.1 mm, 0.2 mm, 0.3 mm, 0.4 mm, and 0.5 mm. There are also single-

the prescribed number. After that strip is passive, just polish with the 15-micron polishing strip. Most contacts should take less than a minute to move through the system. Since



sided strips (both right and left) for 0.05 mm, 0.1 mm, and 0.2 mm. Additionally, there are strips just for polishing at the end.

The IPR should start by opening the contact with the 0.1 mm strip. Next, move up to the 0.2 mm until it is passive within the space. Most IPR prescribed for clear aligners is between 0.3 mm and 0.5 mm. Once the 0.2 mm strip is passive, move through the system until you reach

they don't involve a spinning disc, this system is very safe and laceration risk is very low.

I have found that most sessions are five minutes or less with the DentaSonic IPR System. Even if I have six or more sites of IPR, I am in and out of the room in less than five minutes! In addition, I feel safe and comfortable during that IPR time. Deep double to the left field corner for GoldenDent!



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