

ORTHOSELECT

Digital orthodontic laboratory services



As a concept, indirect bonding (IDB) just makes sense. What doctor wouldn't want to simplify bracket placement and bonding while reducing chair time? However, for decades the concept has proven inconsistent and unreliable in practice because the traditional method for creating IDB trays was labor- and skill-intensive. Each tray's creation involved so much hand-measuring and eyeballing that errors and inaccuracy were more common than quality in IDB trays.

What's the solution?

OrthoSelect's digital indirect bonding system (DIBS) has changed the IDB landscape, making inconsistency and unreliability problems of the past. The system utilizes 3-D software (accurate within a micron) for digital bracket placement. The software's digital accuracy is then translated directly to the physical world through 3-D printing. There's no more plaster and pencil and no more thermal or suck-down trays.

DIBS is the result of several years of research, design and development. In addition, doctors around the country used DIBS and provided invaluable feedback. At the recent AAO show in San Diego, interest in DIBS was through the roof. Doctors are recognizing that technology has reached a point where the concept can become the standard in practice.

How it works

First, using DIBS software, OrthoSelect technicians place brackets per the doctor's prescription. Here, the obvious question arises: "What brackets can I use with DIBS?" Answer: One of the great features of DIBS is that doctors can use any bracket set they like.

After brackets are placed, doctors have the chance to review,



adjust and approve the bracket placement. DIBS includes an end-of-treatment simulation that illustrates how the patient's teeth will be aligned per the archwire and bracket placement. Doctors appreciate the ability to do finish work, such as moving canines incisally, in the software. This in effect adjusts the bracket placement.

When the case is approved, the bonding tray is digitally rendered and printed. Unlike other 3-D IDB competitors, OrthoSelect does not 3-D print study models and then handcraft trays using the model. DIBS trays conform to the patient's teeth because there is no human error introduced and no accuracy lost between the software and the printer. OrthoSelect's patent-pending trays hold brackets precisely, with just the right degree of snugness before bonding, and then flex to let go of brackets when removed from the patient's teeth.

What DIBS users are saying

"This system is what people have been looking for!"

—Dr. Lisa Alvetro, Alvetro Orthodontics

"DIBS is the best value in orthodontics right now."

—Dr. Brandon Owen, Owen & Timock Orthodontics

"Wow, went in smooth as silk. I just lifted the IDB tray from the lingual and they peeled off no problem."

—Gary Carter, Orthodontic Specialists of Utah

"It was our first DIBS case and actually our first indirect bonding case ever! It all went perfectly, with no bond failures, and there was hardly any flash on the upper and none on the lower. We heard no complaints from our 13-year-old patient, especially when we finished a 45-minute appointment in 25 minutes. Going forward, we'll be using DIBS for all bonding appointments!"

—Ansley O'Keefe, orthodontic assistant, Cooney Orthodontics ■

For more information, call 866-695-3319
or visit myorthoselect.com.

