

A Modern Approach to Efficient Dentistry



Boost Practice Efficiency with Isolite Pro

Featuring an integrated LED light and hands-free suction, this modern solution from Zyris frees up your assistant to take on other tasks, streamlines workflows, and shortens chair time for a wide variety of procedures.

In today's fast-paced dental practice, efficiency and patient comfort are key to success—and the right tools make all the difference. The Isolite Pro from Zyris is more than just an isolation device; it's a virtual assistant that combines illumination, suction, retraction, and safety into one streamlined system.

The result? More predictable outcomes, happier patients, and a noticeable boost in productivity.

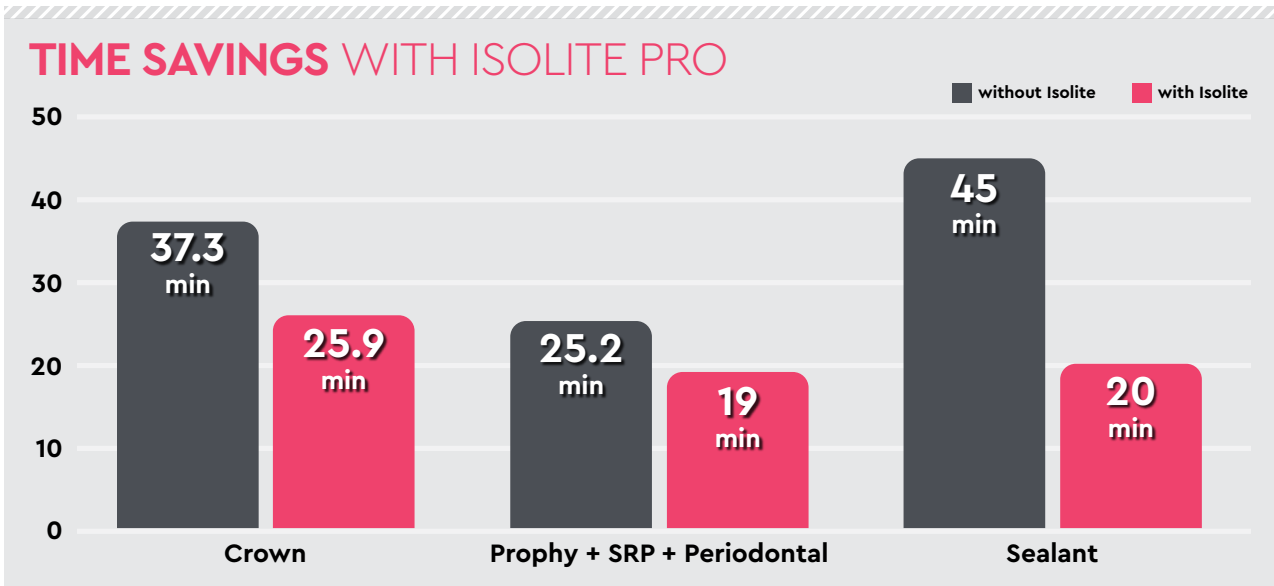
Not only does the Isolite Pro make Dr. Brett Titensor more productive each hour at his practice in Flower Mound, TX, but the isolation system allows him to take on complex procedures that would be more challenging to perform otherwise. The list of procedures in which he uses Isolite Pro is long, and includes various types of direct and indirect restorations, full-arch cases, oral surgery, All-on-X dental implants, and veneers.

He also offers sedation dentistry, where proper isolation is a must to protect the patient's airway. The Isolite

Pro provides that protection, making it possible to complete several procedures at once.

"We could be doing multiple fillings, two crowns, endo, and placing implants all on one patient while that patient is sedated," he said. "The versatility of Isolite lets me do it all, and that's a huge time savings."

The Isolite Pro is a must-have for modern isolation, thanks to illumination, constant suction, comfortable retraction, enhanced visibility, and more predictable outcomes.



Better Isolation, Happier Patients

The all-in-one Isolite Pro isolation device allows clinicians to take on more complex cases while elevating the patient experience.

Dr. Arthur Volker remembers the days early in his career when he relied on cotton rolls for isolation—and not fondly.

The cotton rolls would quickly get soggy, and that meant pausing the procedure to change them out. He would retract the patient's cheek while his assistant retracted the tongue and handled suction. When it was time for a cotton roll change-out, they lost suction, and that's when things would get uncomfortable for everyone—especially the patient. It also added time to procedures throughout the day, hurting practice efficiency.

A Game-Changer in Isolation

That all changed years ago when Dr. Volker brought the Isolite from Zyris into his practice in Sunnyside, NY. When he saw the hands-free solution at a dental conference, he knew it would benefit his procedures. Now, he doesn't have to worry about losing time to soggy cotton rolls—patients stay retracted and dry throughout the procedure. The isolation device just makes him so much more efficient, he said, and keeps the patient comfortable and safe the entire time, with fewer breaks required.

"I put the Isolite Pro into the patient's mouth, and I can start working immediately," he said, noting the benefit of the integrated light for improved visibility. "It's just like having another assistant for retraction."



Arthur Volker, DDS

"I put the Isolite Pro into the patient's mouth, and I can start working immediately. It's just like having another assistant for retraction."

Dr. Titensor agrees. He said the Isolite Pro is among the top 5 dental products he wouldn't perform dentistry without. In fact, he never has.

He's been using the isolation system since dental school, and upgraded to the Isolite Pro in December. One of the biggest benefits, he said, is it allows him to work faster.

"I can work on upper and lower teeth at the same time because it isolates and retracts the entire side of someone's mouth," Dr. Titensor said. "It makes me more efficient, which benefits my patients and improves the patient experience. It also gives them something to rest on. They can relax and don't have to worry about keeping their tongue out of the way."

Features That Simplify Dentistry

The Isolite Pro acts not only as a barrier; it also provides continuous suction and keeps the patient's mouth open throughout the procedure, Dr. Titensor said. The built-in bite block allows patients to relax their jaw and makes the assistant's job easier, which of course makes procedures run more smoothly.

"It's all the things you would want as a dentist built into one device," he said. "It even allows me, in some cases, to work without an assistant. If they need to step out, I can continue to work with an Isolite, which helps with production, efficiency, and doctor's time."



Brett Titensor, DDS

"It's all the things you would want as a dentist built into one device. It even allows me, in some cases, to work without an assistant."

It Keeps the Field Dry, Efficiently

With Isolite, the suctioning system does not have to be repositioned every time the assistant needs to grab a different instrument, saving time, according to Dr. Nate Lawson, associate professor and director of the Division of Biomaterials at the UAB School of Dentistry.

While rubber dams are effective at providing retraction, they can take time to insert depending on operator skill level, contact tightness, and how well the patient can open, Dr. Lawson said. Cotton rolls are easy to place and work immediately, but they must be changed out often. An isolation system can keep the field dry with constant suction and no need to pause for patient breaks.

"The Isolite is really efficient because it's easy to place, and you can work the whole time it's in the patient's mouth," he said.

Dr. Titensor said the constant suction also helps reduce aerosol production. "That's important when taking out amalgam, for instance," he said. "That gives me more peace of mind as a dentist. It helps protect my team and the patient."



"The Isolite is really efficient because it's easy to place, and you can work the whole time it's in the patient's mouth."

—Nate Lawson, DMD, PhD

More Predictable Dentistry

Isolite removes humidity from the air and the oral environment—more than a rubber dam—which helps to improve restoration bond strengths, Dr. Lawson said.

The device keeps contamination out of the working area, which is also critical for ensuring strong bonds. "You can't have contamination," Dr. Titensor said. "You can use a rubber dam, but often I'm doing multiple teeth across different arches. Isolite is more versatile and creates that extra layer of isolation for bonding that allows me to have more predictable, better bond strengths."

If a site becomes contaminated, it could mean re-etching or re-bonding.

"Re-dos are the biggest time and production killers in dentistry," he said. "Isolite Pro helps eliminate the complications that lead to re-dos."

It Keeps the Patient Comfortable

Patients get tired of holding their jaw open during procedures. Due to the comfort of Isolite's built-in bite block, Dr. Volker has even had patients fall asleep as he works.

"What better compliment to the dentist than you snoring in the chair," he said, "as opposed to grabbing onto the edges and white knuckling everything?"

Because they're able to rest, patients need fewer breaks. That means they can move on with their day sooner, and you can finish the procedure faster and maybe even see more patients.

"For every break you have to take, you're losing minutes, and those compound over the course of an hour, a day, a year," Dr. Titensor said.

He also lauded the Isolite Pro's option to turn suction on for both the lower and upper arches or just one, a

nice advantage that also improves patient comfort.

"Let's say I'm working on an upper tooth, and the patient is numb there, but maybe the patient is cold or air sensitive on the lower," he said. "I can just turn off the suction on the lower and keep working without the patient worrying about being sensitive."

The Light Enhances Visibility

Dentists can never have enough light, making the added illumination from the Isolite Pro a huge benefit.

"We live and die by visibility as dentists," Dr. Titensor said. "You can't fix what you can't see, so the more visibility a dentist has, the better."

Dr. Volker said the Isolite Pro's integrated light allows him to see better. The system includes 3 levels of LED illumination with both a white light and a true amber cure-safe mode for shadowless illumination and maximum visibility when placing light-sensitive materials.

"If you're doing direct composites, you can hit a little switch to change to a filtered light, which will not prematurely set the materials," Dr. Volker said.

Enhanced Patient Safety

Without proper retraction, a "wayward drill could nick a cheek or tongue," Dr. Titensor said. Isolite Pro adds an extra barrier of protection to prevent that from happening.

"Using the Isolite Pro means I no longer run the risk of pushing too hard on the patient's tongue or potentially causing some type of laceration to the floor of the mouth or the cheek," Dr. Volker said. "I'm not worried about a piece of restoration breaking off the tooth and accidentally going down the patient's airway."

It also keeps sedated patients safe, Dr. Titensor said, protecting their airway as he works.

SUPERIOR RETRACTION

To maximize oral cavity access and visibility, Zyris offers the HOOPLA Retractor, which comfortably retracts a patient's lips and cheeks during restorative, hygiene, cosmetic, and orthodontic procedures.

Dr. Titensor said the biodegradable retractor is more comfortable for patients than other retractors he's used in the past, and it's really quick and easy to place, an added benefit.

"The one I used before had plastic, ribbed lining that would dig into patients' gums," he said. "This one is contoured to wrap around the lips, and it evenly disperses the pressure. I've yet to have a patient complain about discomfort with the HOOPLA."



A Versatile Tool in Practice

The Isolite Pro can be used for a wide array of treatments, including restorative and cosmetic dentistry, pediatric dentistry, sealant applications, and periodontal therapy—providing retraction, isolation, and illumination for both anterior and posterior procedures.

Dr. Volker uses the Isolite Pro for pretty much every patient—adult or pediatric. Children get distracted easily and tend to want to close, which can make procedures more challenging. "This keeps them open," he said. "I'm using it for essentially all of my pediatric restorative."

It's also easy to take intraoral scans because the tongue and cheek are retracted with the Isolite Pro, Dr. Volker said.

"Once I'm working, the assistant or myself has perfect access with the digital scanner to take a digital impression," he said. "It's a fantastic method to capture margins."

Serving as Another Assistant

Traditional isolation methods can add time to your procedures and cause discomfort for your patients. The Isolite Pro is an all-in-one system that makes you more efficient and your dentistry more

predictable. Patients remain comfortable and safe throughout the procedure, whether you're placing a crown or multiple implants. The illumination gives you even more visibility, while the continuous, hands-free suction keeps the field dry.

Working with the Isolite Pro is like having another assistant in the operatory who's ready to help with procedures and boost productivity.

"It's a small upfront investment, but you'll see an instant return," Dr. Titensor said. "It will make dentistry easier. You'll have fewer headaches and you'll be less stressed. It's truly something I couldn't practice without."

SINGLE-USE MOUTHPIECES FOR SAFETY, COMFORT

The Zyris Isolite Mouthpiece is the heart of the dental isolation system. Here's why:

- Removes fluids from both sides of the mouth simultaneously, utilizing the integrated bite block with rear suction port to significantly reduce pooling in patients' mouths
- Two adjustable levers allow you to control the dual-channel suction for upper and lower simultaneously and independently
- Specifically designed to reduce patient sensitivity or discomfort from unneeded suction, while also minimizing noise for a more pleasant patient experience

Dr. Volker loves the single-use Zyris Isolite Mouthpiece and has found it's by far the most comfortable and versatile option for patients—and he's tested quite a few. "Similar autoclavable devices tend to be too stiff and prone to clouding after sterilization," he said, "and those without a light don't provide the same level of sturdiness or functionality."



A SIMPLER VERSION

Zyris also offers non-illuminated, plug-and-play isolation devices, the Isolite Core, at a lower cost. The Core, which can be attached to your existing HVE, provides the same airway protection, continuous suction, retraction, and access as the Pro.



ADDITIONAL RESOURCES



CONNECT WITH

ZYRIS[™]