

Want to Reduce Procedure Time? Proper Isolation is Key

Leveraging the right instruments for isolation helps make you and your team more efficient, significantly reducing procedure times while also enhancing patient safety.

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ZYRISTM

During a dental procedure, there are many variables that can slow you down and extend appointment times—costing you money and leading to unhappy patients. Moisture, contamination, soft tissue interference, low visibility, restricted access and patient compliance are among the factors that can add time to procedures and negatively impact your schedule.

For your practice to thrive, it's critical to keep procedures as short as possible while still allowing enough time to provide exceptional patient care. How? One of the best (and easiest) ways to improve efficiencies and significantly reduce procedure time is to focus on proper isolation.

Isolation keeps the field dry, improves visibility and enhances patient safety, to name a few benefits. Procedures become more predictable with fewer re-dos, patients leave happier with their experience, and you get more time in your day to use as you see fit, whether that's adding more patients to your schedule or spending more time at home.

"Isolation helps me see the area or the tooth I'm working on better and helps protect the patients' cheek and tongue," Dr. Mollie Rojas said. "It also helps me keep the tooth dry, which makes a big difference if I'm cementing a crown."

For nine years, Dr. Rojas has used the Isolite from Zyris to provide that critical isolation. Not only does it help keep patients from swallowing harmful dental materials, improving safety, it has significantly reduced procedure times in her practice. A crown prep that could take 15 to 20 minutes without the Isolite can now be finished in about 5, for example.

"It directly increases your profitability and your ability to just be more efficient in your practice," she said. "It reduces clinical chairside time drastically, at least by 50% in my practice, and the risk of injuring your patient because you're not fighting with the tongue and cheek to see into the nooks and crannies."

Ready to reduce procedure time in your practice? Here are six ways proper isolation can help.



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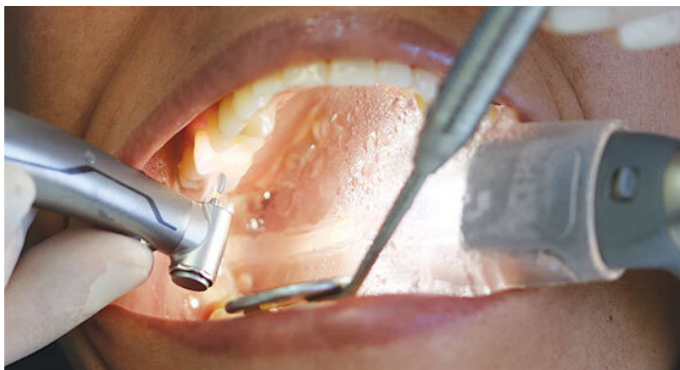
—Dr. Rojas

No. 1: Better access

It can be difficult to reach some areas of the mouth during dental procedures, particularly when patients struggle to keep their mouth open. Achieving continuous, hands-free isolation in both quadrants allows dentists to stay focused on the procedure at hand, saving time (it also reduces hand fatigue and improves precision).

With Isolite, clinicians easily achieve proper isolation and access for both anterior and posterior procedures.

“We’re able to do multiple quadrants of dentistry in the mouth, which makes us way more efficient,” said Dr. Michelle Kaider-Alstodt, a pediatric dentist who’s used Isolite for all restorative procedures since 2010. “You can basically work on two quadrants at the same time. Before, we were limited to one quadrant at a time, so Isolite basically doubled our efficiency.”



No. 2: Achieve a dry field for better bonding

One of the most difficult things to achieve during a bonding procedure is complete moisture isolation, Dr. Elaine Bylis said. Isolite makes it easy. When she uses this device, she knows she “has complete and total moisture isolation without a shadow of a doubt,” and that she’s doing her “absolute best restorative dentistry possible.”

The Isolite is designed to keep fluids, humidity and debris out of the area you’re working on—making you more efficient and improving your bonds. You’re able to work in a completely dry field, without having to worry about the issues that may come up if moisture enters the environment.

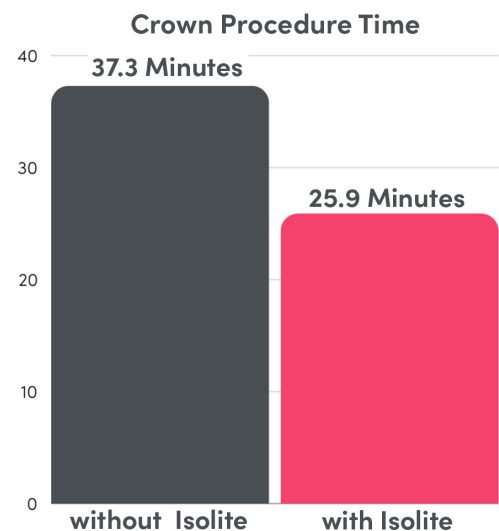
“Isolite gives you a nearly perfect amount of dryness in the mouth,” Dr. Kaider-Alstodt said, “and enables our visibility to be excellent.”

The Isolite Dental Isolation System Offers:

- Continuous hands-free saliva evacuation
- Tongue and cheek retraction
- Integrated bite block
- Shadowless illumination

“Before, we were limited to one quadrant at a time, so Isolite basically doubled our efficiency.”

—Dr. Michelle Kaider-Alstodt



Reduce crown procedure time by 30%

Dr. Richard Rosenblatt began using Isolite in 2003 when he first invested in CEREC. CEREC restorations had to be bonded, which he knew required solid isolation and a dry field to be successful. He'd never been good at using rubber dams, so when he heard about Isolite, it seemed like the perfect device to help him deliver high-quality, long lasting restorations.

It's served him well over the years, and has certainly helped him reduce procedure times. Once proper isolation is in place, he can start working on multiple quadrants immediately; he's not relegated to one or two teeth.

"I can work on upper and lower teeth simultaneously," he said. "Yesterday, I did crowns on tooth Nos. 13 and 19. I prepped, did build-ups and scanned at the same time, seamlessly. It's nice being able to do all those things on the entire side of the mouth, top and bottom, so I can be efficient and work in multiple arches."

No: 3: Patients are more comfortable and more likely to stay open

Isolite includes a bite block, Dr. Ana Vazquez said, which helps patients keep their mouths open and their tongue and cheek out of the way during the procedure. It also makes them more comfortable. She doesn't have to keep reminding patients to open while she works, allowing her to stay focused and making her more efficient.

Dr. Rosenblatt has experienced the same benefits from proper isolation. Because the tongue and cheek are out of the way, he can "power forward" without having to stop to give patients a break or to suction.

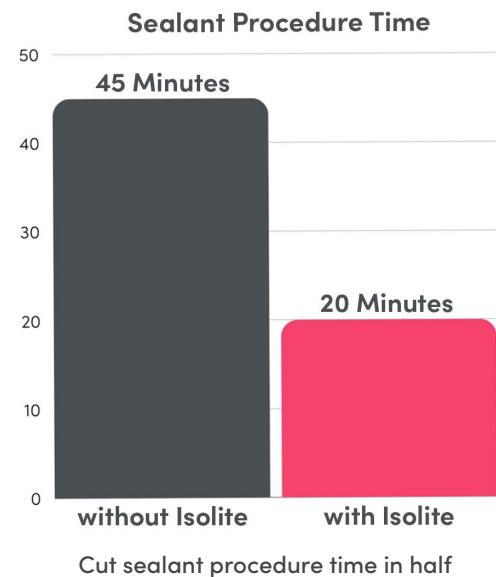
Patients love the fact they don't have to force open, Dr. Bylis said, and that they can comfortably rest on the soft, flexible polymer mouthpiece that's the heart of the Isolite system.

"A lot of them fall asleep," Dr. Bylis said, "because they're not so focused on keeping their mouth open."

You also don't have to worry about the patient biting down on the handpiece or accidentally closing and contaminating the moisture-free environment, Dr. Bylis said.

"I can work on upper and lower teeth simultaneously"

—Dr. Richard Rosenblatt



"A lot of them fall asleep, because they're not so focused on keeping their mouth open."

—Dr. Bylis

“There’s no chance the patient can mess up the field,” Dr. Bylis said. “And I can work without having to stop and position the patient.”

Isolite also offers two-channel adjustable suction, allowing you to control suction strength on the top and bottom independently while customizing for different procedures. It also allows you to control the noise level of the suction and is especially helpful for patients with sensitivity—further enhancing patient comfort.

No 4: Enhanced patient safety

Proper isolation adds safety, Dr. Vazquez said. She knows patients won’t swallow or aspirate anything she’s using.

“I use it during extractions so I don’t have to worry when tooth pieces break, or when I’m restoring implants and those parts and pieces want to fall to the back of the mouth,” Dr. Rosenblatt said. “It helps prevent accidental swallowing.”

Patients know their tongue and cheek are protected with Isolite, Dr. Bylis said, a fact they appreciate. And because Isolite’s mouthpieces are single-use, there are no worries about cross-contamination, another safety benefit for your patients.

No. 5: Continuous, hands-free suction

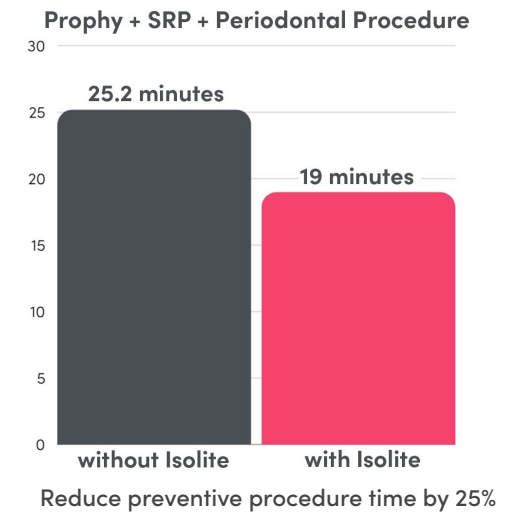
Isolite provides suction, giving you a consistently dry field throughout the entire procedure—freeing your assistant up to take on other tasks.

“I’m not wasting so much time and energy on keeping a clear field,” Dr. Bylis said. “I’m able to work so much quicker. And it makes me efficient. If I’m working indirect through a mirror, I don’t have to work so hard to keep my mirror clean. Simple things like that compound to make a procedure take way less time.”

Isolite’s integrated bite block even includes a rear evacuation feature. This significantly reduces pooling in patients’ mouths, even on the non-working side. Patients don’t feel like they’re drowning, Dr. Rosenblatt said, and that improves their experience.

The Isolite removes the impact of 6 negative variables:

- Moisture
- Contamination
- Soft tissue interference
- Low visibility
- Restricted access
- Patient compliance



“I’m able to work so much quicker. And it makes me efficient.”

—Dr. Bylis



Non-curing amber light for visibility when placing light-sensitive materials including resins, composites and adhesives.

Assistants don't have to worry about retracting and suctioning, so they can prepare for different parts of a procedure ahead of time, Dr. Rosenblatt said. It also allows him to keep working if an assistant calls in sick and he's short on staff. He's even completed emergency procedures over weekends on his own.

"I can be in a room by myself and do almost an entire crown prep and have full suction and retraction," Dr. Rojas said. "I don't need an assistant next to me, which frees up my assistant to do the 500 other things she needs to get done during the day."

No. 6: Better visualization

While retraction helps with visualization, Isolite's integrated light ensures doctors and team members have superior visibility that just isn't possible with an overhead light.

The light offers shadowless illumination at three levels that provide both white and true amber light. The non-curing amber light allows for maximum visibility when placing light-sensitive materials including resins, composites and adhesives—saving time.

"For an assistant, that little bit of light can make a huge difference from their seated position," Dr. Rojas said. "It's very difficult for them to see inside the mouth, so having more light is helpful. I've used other isolation systems but they don't offer the light component, which I think is critical."

Overhead lights can also be irritating to patients, Dr. Kaider-Alstodt said. The Isolite light doesn't shine outward, keeping the illumination in the mouth.

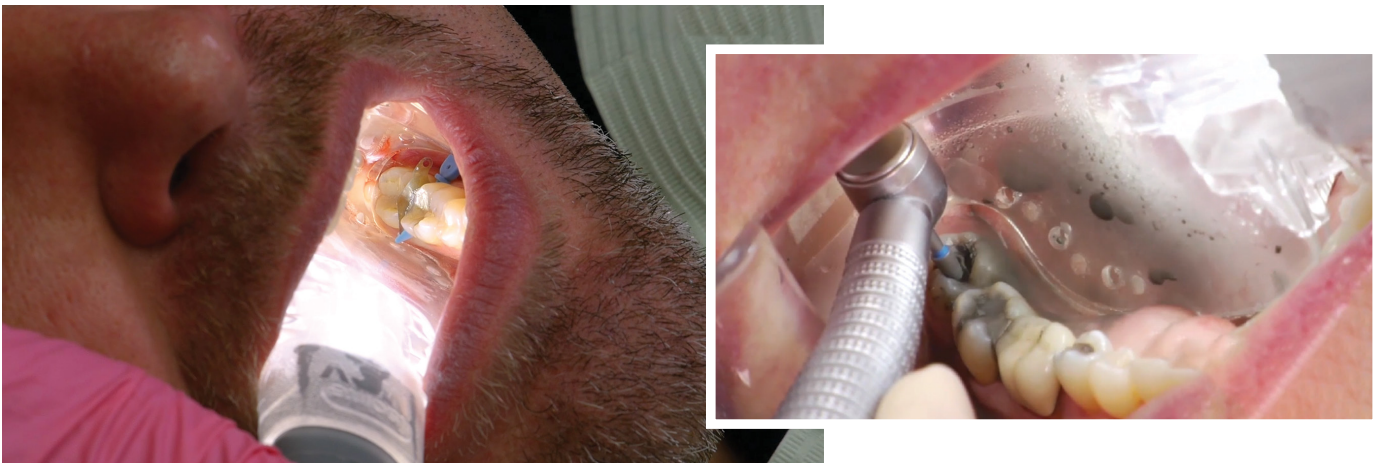
"It just brightens up your view," she said. "You're able to see much better, much clearer, without the need for an overhead light."

Procedures clinicians use the Isolite for include:

- Composite restorations
- Cementation and bonding
- Crown and bridge restorations
- Extractions
- Digital impressions
- Cosmetic
- Orthodontics
- Implants
- Sedation
- Sealants
- Scaling and root planing
- Laser dentistry
- CAD/CAM

"You're able to see much better, much clearer, without the need for an overhead light."

—Dr. Michelle Kaider-Alstodt



Improved efficiencies, happier patients

With proper isolation, suction and illumination, the Isolite helps reduce procedure times. The minutes saved per procedure add up and can be used to help build your practice or spend more time with family and friends.

Dr. Vazquez estimates the Isolite reduces her working time by about 30%.

"I can be done. I can be home. I can add patients," she said of what she does with that extra time in her day. "In the past, I probably would have personally seen two patients for restorative dentistry in an hour. Now I can see four to five."

Proper isolation from devices like the Isolite make it easier to practice dentistry. Patients are more comfortable and leave happier with the experience. You're more efficient, reducing stress for both you and your team.

The Isolite is "easy to use and makes your life a lot better," said Dr. Rojas, who couldn't imagine practicing a day without it. It's a must have for any dental practice.

"I use it on so many procedures. It's like the Swiss Army knife of my practice," Dr. Rosenblatt said. "It's not just a one trick pony. It's one of the most important things anybody can have in their practice."

Seeing is Believing!

Discover how the Zyris Isolite® dental isolation systems increase safety, comfort, and efficiency for you and your team.

[Schedule your free Isolite demo](#)

Your personalized session includes:

- 1:1 demonstrations tailored to your needs.
- Exploring the most relevant applications for your office.
- Learning how to maximize patient comfort for posterior and anterior procedures.
- Hearing how clinicians use our isolation systems in their practices every day.

The Isolite provides:

- Improved efficiency
- Enhanced patient safety
- Increased patient comfort

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—Dr. Vazquez

Isolite put to the test

Zyris recently completed a study at two dental clinics, with 878 procedures performed and analyzed over an 11 month period. Neither dentist involved in the study had used the Isolite before. Overall, the clinicians saved nearly 18% of time per procedure when using the Isolite. The Isolite offered the most time savings for sealant procedures, at a 55.5% reduction. Crown procedures saw a 30.6% reduction, periodontal maintenance procedures 30.5% and prophylaxis procedures 22%.

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