

2025



NEOLAB





WELCOME!

Thank you for considering NEOLab as your laboratory partner. We're glad you're here, and we assure you you're in the right hands. NEOLab is home to cutting-edge SLS 3D Printed Appliances in a variety of applications.

But, that's not all we offer! Let us take a moment to better introduce ourselves, and give you a look into why we were **voted Best Ortho Lab of 2024** by our doctors.

NEOLab is a full-service orthodontic laboratory that specializes not only in appliances, but in personalized customer service, innovative solutions, and beating our own quality standards day after day. While you may have heard of us from our leading reputation in the orthodontic industry, we invite you to get to know us on a personal level, and see firsthand just how much our innovative approach can benefit your practice.

While NEOLab has long been known for our quality and service, we are quickly becoming known for our ability to craft solutions that make your practice run more smoothly than ever. These solutions include options like our Digital Essix Package, crafted to ensure clear retainers are available at the debond appointment - bracket removal *included*. Or our Wicked Quick 24 Hour Essix Solution, which guarantees you clear retainers that leave the lab only 24 hours after they're submitted, with optional shipping directly to your patient. Or, for one of our most popular solutions, our SLS 3D Metal options, which are fabricated in strong and flexible stainless steel, allowing you to maintain adjustability while skipping spacers entirely!

In short, when you work with NEOLab, you're not only getting the highest-quality appliances available, you're getting a partner who is able to support you, your team, and your patients in the way you all deserve. We're looking forward to getting to know you, and to working together to provide the best orthodontic experience possible.

WELCOME TO NEOLAB!

Christian Saurman, CEO
Bill Saurman, President

www.neolab.com
hello@neolab.com



Our Fastest Turnaround

The Wicked Quick 24 Hour Essix Solution is our fastest turnaround time ever. Submit by 3pm EST, and your retainers will ship the next business day!

Ship Direct to Patient

The Wicked Quick 24 Hour Essix Solution includes lab-quality essix retainers, one set of 3D models, and FREE overnight shipping. Choose to return retainers to your office for a pickup, or skip the return appointment and ship directly to your patient!

Customizable

- Choose from 2, 3, 4, or 5 trays per arch
- Single arch packages available
- Theroux style available

FULL
\$125

HALF
\$85

WICKED QUICK 24 HOUR ESSIX SOLUTION



www.neolab.com
hello@neolab.com



Includes Bracket Removal

The Digital Essix Package includes lab-quality clear retainers, bracket removal, and one set of 3D printed models.

Debond + Retainers in one Appointment

Scan your patient one appointment before debond, and we'll have the retainers back in your office before the braces come off! Save an appointment and deliver retainers same day.

Customizable

- Standard package includes 2 trays per arch, but you can customize to 3, 4, or even 5 trays in your package
- Add an FLR for a reduced rate
- Single arch packages available

FULL
\$95

HALF
\$47⁵⁰

+FLR
\$40

DIGITAL ESSIX PACKAGE





Chairside Adjustability

Most 3D Metal is printed in chromium cobalt, a strong but inflexible metal. By printing in stainless steel, we maintain the strength and ensure that bands can be adjusted chairside.

Say Goodbye to Spacers

3D bands are designed without interproximal or subgingival interference, making spacers a thing of the past. Add 3D bands to any of your favorite fixed appliances!

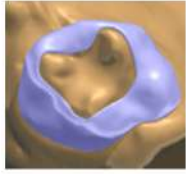
Idealized Conditions

A digital design leads to less welded joints, and whenever welding is required, the use of stainless steel ensures the strongest joint to components like a screw housing. Also, most orthodontic cements are formulated with stainless in mind, ensuring a higher bond between metal and tooth.

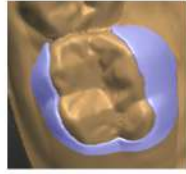
**SLS
3D PRINTED
METAL**



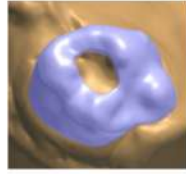
Design Options



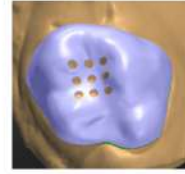
Standard Band



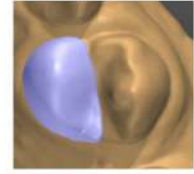
C Band



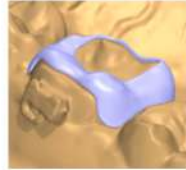
Rollo Band



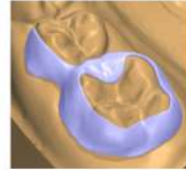
Crown



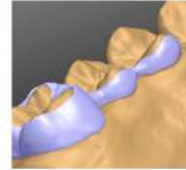
Lingual Half Band



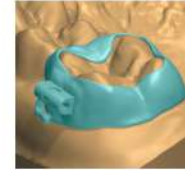
Band Around Bracket



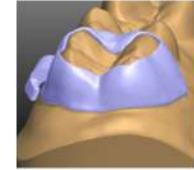
Buccal Wing



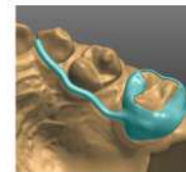
Lingual Wing



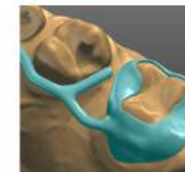
Buccal Tube



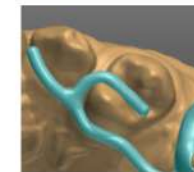
Buccal Bump



Lingual Extension

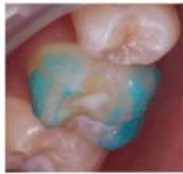


Holding Wire



Occlusal Rest

SLS/3D Bonding



Please note the field must be kept very dry.

Prophy rinse and dry the buccal/lingual surfaces of involved teeth. Apply Gel Etchant to the full buccal/lingual surfaces of involved teeth. DO NOT etch the entire occlusal. After 30 seconds, suction visible etch from teeth and irrigate thoroughly for 10 seconds each.



Desiccate teeth. Apply 1 coat of Assure Plus primer to entire buccal surface and buccal cusp tips of tooth ONLY. DO NOT apply to occlusal or lingual. Air dry for 3 seconds.



While priming teeth, apply an even layer of **Self-Mix** Band Lok to tooth side of appliance (dual-tube applicator). Band Lok has a 4 minute working time; do not preload appliance until ready to deliver. Seat appliance to express flash.



Tack cure flash for 1 second ONLY - this will make all the flash cohesive and allow for single piece removal. Finishing curing from occlusal opening for 30 seconds per involved tooth. Remove isolation and instruct patient to wait for 5 minutes for activating. Self-Mix Band Lok is a dual cure and will always achieve full polymerization.

Developed in partnership with Reliance Orthodontic Products.

Debond as usual.





TAD-based appliances are frequently becoming standard practice in orthodontics, and can be adapted to fit a variety of different treatment plans. We can incorporate TADs into Slimline or Snaplock expanders, Distal Jets, Haas (without bands), or transpalatal arches.



- 1 Orthodontist places TADs
- 2 Impression or scan taken with TADs in place
- 3 NEOLab fabricates appliance around TADs



Appliances are fabricated around placed TADs, and are connected to the anchorage points through abutments that fit like a collar, or caps that snap directly on to the TADs. In the event the TAD system used does not have associated abutments, we can weld small loops around the TADs to be used during cementation.

TAD BASED APPLIANCES



Features and Benefits:

- MSE Type II
- Each MSE includes 4 TADs, 2 activation keys (1 short and 1 long), and safety leashes for keys, if requested.
- 8mm, 10mm, and 12mm expansion options
- TADs are placed *after* the expander is fabricated and cemented

The Maxillary Skeletal Expander (MSE) has quickly become a staple in anchorage-based orthodontic treatment. NEOLab fabricates the Type II MSE, which utilizes four TADs placed bilaterally along the palatal suture. 11mm TADs are standard, however, 13mm TADs are also available. Both TAD lengths are 1.8mm in diameter.

Each MSE appliance includes the expander, four TADs, and two activation keys. Safety leashes are available upon request, and thumb drivers and ratchet wrenches are both available from the lab for purchase.

The MSE differs from other TAD-based appliances in that the screws are placed palatally *after* the expander has been fabricated and cemented.

Expansion Options:

6 turns = 0.8mm

8mm = 60 turns

10mm = 75 turns

12mm = 90 turns

www.neolab.com
hello@neolab.com



Designed on the Intraoral Scan

The CAD/CAM FLR is a custom lower retainer designed entirely and directly on the intraoral scan for maximum contour and fit.

Automated Bending

Automated bending with the **Bender II** completes the retainer exactly according to design, resulting in a perfectly contoured fit, no bonding pads required!

Customizable

- .016 x .028 flat stainless steel
- .028 round stainless steel
- Add an optional transfer tray for easy bonding, for no additional fee

**FLR
ONLY**
\$60

**ADDED TO
PACKAGE**
\$40

CAD/CAM FIXED RETAINER



www.neolab.com
hello@neolab.com



A Modern Take

The 3D Maryland Bridge is a modern approach to a traditionally finicky appliance. Hold space for implants, or provide an aesthetic long-term solution to edentulous spacing with the 3D Maryland Bridge.

Durable and Seamless

A durable 3D Metal Printed framework features bondable pads that avoid occlusal interference.

Recommended Bonding

- Sandblast the lingual surface of all involved teeth.
- Etch the lingual surface. Rinse and dry thoroughly.
- Apply Assure Plus, and air dry.
- Apply Self Mix Band Lok Natural to the bonding pads.
- Place appliance. Light cure for 30 seconds per tooth.

Bonding protocol developed in partnership with Reliance Orthodontic Products, Inc.

\$165

3D MARYLAND BRIDGE



www.neolab.com
hello@neolab.com



Biocompatible Resin

Keystone Keysplint resin is approved biocompatible for long-term use, and is not only safe for patients, but more durable, ensuring their splint can stand up against serious wear and tear. The inner layers are comfortable for patient wear, while the outer layer provides protection against bruxism.

The Digital Advantage

A fully digital design means an optimized fit for your individual patient that can be measured in microns.

A 3D splint is designed and printed in a single piece, making a 3D model (and the charges associated with it), a thing of the past!

Need another splint? We can simply reprint the same design, quickly, and for a discounted rate.

3D SPLINT

\$135

REPRINT

\$55

3D SPLINTS





TEMPLATES

Save your favorite designs to use again and again. Click, click, go!



INTEGRATED TRACKING

Keep tabs on your shipment with UPS integrated tracking.



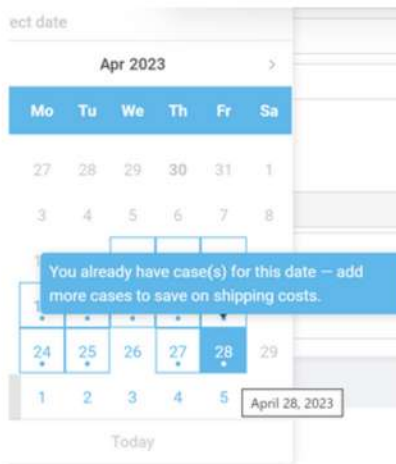
ON DEMAND LABELS

Create and print shipping labels on your schedule, no phone call required.



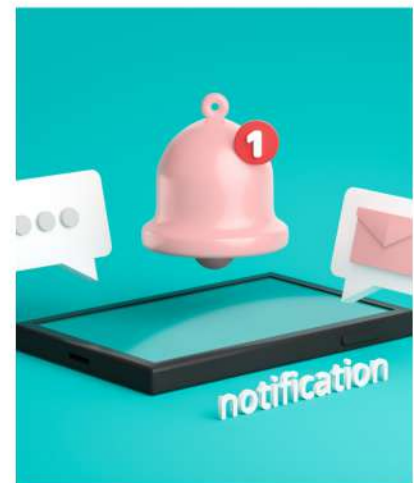
DASHBOARD

A quick bird's eye view to keep an eye on all you cases and their return dates.



BATCH SHIPPING

Easily coordinate your return shipments to lower your shipping costs.



SEAMLESS COMMUNICATION

Check for questions and resolve issues directly from your dashboard - no phone calls required.

RX WIZARD

Your new favorite prescription portal, **100% FREE.**



FAMILY OF BRANDS



NEOLab is a full-service orthodontic laboratory that serves doctors across the United States. We are a family-founded-and-run business, and are proud to be the largest privately held lab in the the country. With more than 150+ appliance designs, you are sure to find the perfect match for each of your treatment plans.

NEOLab is the parent to our family of brands.



Our custom prescription management portal. Create, submit, and manage cases all in one central location!



Our line of digitally designed and manufactured CAD/CAM appliances. 3D Metal, 3D splints, 3D pontics and more!



Our fastest turnaround - ever. Lab quality essix that ship to you or your patient in just 24 hours.



Our flexible aligner solution that focuses on patients with mild to moderate relapse or corrections. See your pricing up front, instead of waiting for treatment setups.



Our dedicated pediatric division. NEOLab Jr is home to early treatment options that are perfect for small mouths.



3 Riverside Dr, Andover, MA 01810, USA



(800) 922-6365



hello@neolab.com



www.neolab.com