



# What's New in Biomechanics and Orthotics?

## Orthotica Now Exclusive Manufacturer/Distributor of Moore Balance Brace Signature Edition

Orthotica Labs has announced that its state-of-the-art custom orthotic laboratory will be the exclusive manufacturer and distributor of the Moore Balance Brace Signature Edition. Boasting enhanced stability, a more patient-friendly closure system and longer-lasting materials, the MBB Signature Edition will prove a significant advance in helping to prevent and lower the risk of senior falls, according to Dr. Jonathan Moore, podiatric physician and creator of the Moore Balance Brace.



Developed by Dr. Moore in collaboration with Orthotica Labs, the MBB Signature Edition will help seniors maintain and prolong independent living by reducing their risk of falling. According to Orthotica Labs' co-founder Jason Kraus, the MBB Signature Edition will also help clarify and simplify what has become a confusing marketplace of unproven MBB knock-offs.

Explains Kraus, "The Moore Balance Brace is the only balance brace clinically proven to reduce postural sway and increase postural stability. Since its introduction in 2011, many manufacturers of ankle foot orthoses (AFOs) have attempted to reverse engineer the MBB, causing confusion for practitioners and patients alike. The important advances present in the MBB Signature Edition will go a long way toward clearing the air."

Visit [orthotica.com](http://orthotica.com) or [click here](#).

### KiddieFLOW™: A More Flexible Solution

In response to clinician requests for an orthosis with more foot plate flexibility, Allard USA has extended their pediatric AFO line with KiddieFLOW™. KiddieFLOW allows for better control of foot positioning in late swing which aids in stability during stance. It also provides dorsiflexion assistance in the swing phase while allowing for more range of motion in the stance phase. KiddieFLOW bridges the gap between insoles or SMOs and the firm's current KiddieGAIT™ or KiddieROCKER™.

A 2019 study published in the

Journal of Paediatric Rehabilitation Medicine showed improvement in swing phase, initial contact, and midstance for unilateral spastic Cerebral Palsy patients wearing KiddieGAIT compared to them wearing shoes alone or being barefoot.

All FLOW models (Ypsilon™ FLOW ½, ToeOFF™ Flow 2 ½, & KiddieFLOW) offer increased ROM in the sagittal plane and a smoother transition or flow throughout the gait cycle.



Established evaluation tools such as gait analysis, ROM testing, manual muscle testing or other recognized measures should always be considered for choosing the right orthotic combination. Allard USA can support you in the selection of the most appropriate device for your patient.

To request your FREE Product Selection Guide, contact Customer Service at 888-678-6548, email [info@allardusa.com](mailto:info@allardusa.com), or [click here](#).

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## Custom Orthotics Created with Scans from Your iPad Pro or iPhone

Northwest Podiatric Laboratory makes prescribing life-changing orthotics easier than ever with a recent update to its SmartCast® app that introduces the ability to scan patients using iPad Pro and iPhone models with Face ID.

With 58 years of orthotic industry experience and 10+ years crafting custom orthotics from digital scans, healthcare professionals rely on Northwest Podiatric Laboratory to minimize cost and complexity while maximizing positive patient outcomes.

Upgrading from plaster, fiberglass

socks, impression foam, and dated scanners to a modern scanning system is a game-changer for practices of all sizes and requires only three software/hardware components:

- SmartCast Foot Positioning System® to align and hold patient's foot for scanning.

- SmartCast® app to scan patients and submit orders.

- Apple iPad Pro or iPhone model with Face ID. (Scans captured with the Structure Sensor are also accepted.)

Healthcare professionals with



compatible iPad Pro and iPhone models can download and try the updated SmartCast® app for free—simply

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## QUICK TAPE: Clean, Cost-Effective, Patient-Preferred Alternative to Low Dye Taping

**Q**UICK TAPE™, the 1-piece alternative to Low Dye taping, has been shown to be biomechanically effective in treating plantar fasciitis and ideal for pre-orthotics and sports taping.

Applied in seconds, wearable in the shower, lasting up to 7 days, enhances patient compliance, hypoallergenic, latex-free, supports/stabilizes the arch and foot, helps with alignment, billable with 29540 and provides instant pain relief from heel pain, plantar fasciitis, arch pain, arthritis, achilles tendonitis, shin splints and much more.

QUICK TAPE provides all the advantages of Low Dye without the disadvantages. Along with the huge savings of time and supplies, you will no longer have adhesive spray all over your clothes and exam room.

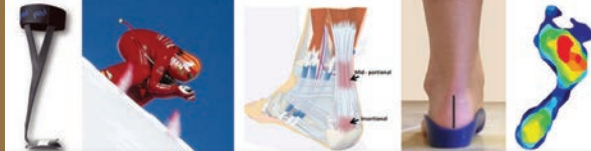
Clinical Studies for biomechanic effects performed with QUICK TAPE have reportedly shown that QUICK TAPE provides significantly greater arch height index

while the patient is standing, and that QUICK TAPE can biomechanically alter dynamic plantar loading. Support the Foot, the company that developed and manufactures QUICK TAPE, also reports that patients prefer their product over Low Dye for comfort and ease of use.

Insurance reimbursements have shown to bring \$20-\$36 each, depending on which state and insurance company, yielding a profit margin of 73% or more in addition to huge time savings in the clinic.

For more information, visit [www.SupportTheFoot.com](http://www.SupportTheFoot.com) or [click here](#). Register for a wholesale account by clicking "Physician Login" and "Sign Up".





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search NWPL in the App Store.

The SmartCast® app was recently added to the VA App Store, making custom orthotics from Northwest Podiatric Laboratory available to health-care professionals at VA locations across the United States.

To learn more about how scanning with the SmartCast® app and prescribing custom orthotics from Northwest Podiatric Laboratory can elevate your practice, visit [www.nwpodiatric.com](http://www.nwpodiatric.com), call 800-443-7260, or click here.

### SOLO Labs Releases viSo 2, the Latest Scanning Software for the Apple iPad®

For over 16 years, SOLO has developed foot scanning hardware and software—starting with the innovative TOM-CAT™ scanner in 2006, the iTOM-CAT™ in 2015 and the viSo 1™ in 2017. Throughout that time, SOLO used customer responses and suggestions to improve the scanning experience. viSo 2, SOLO's fourth generation scanning solution, is the culmination of that feedback.

viSo 2 can be found in the Apple App Store. Additionally, the app has



been approved for use with VA hospitals and can be found in the VA mobile store at [mobile.va.gov/app/solo-viso-2](http://mobile.va.gov/app/solo-viso-2).

The interface is user-friendly and intuitive, providing several benefits over traditional casting and other scanning software:

- No monthly fee and the software is free!
- Bring your own iPad and Occipital Structure™ camera.
- HIPAA compliant.

- Approved for VA use.
- Scan for both custom orthotics and select Richie Braces.
- Tri-color depth sensing technology helps scan right the first time.
- Eliminate the cost and mess of casting.
- No mailing delays. Send your orders directly to SOLO.
- No inbound shipping costs.
- Can be used offline or online.
- Orders can be accessed across multiple iPads.

Please reach out to SOLO at 800-765-6522, [cs@sololabs.com](mailto:cs@sololabs.com), or click here to get started today.



### A Wide Range of Options from KLM

KLM Laboratories is a leader in orthotic manufacturing and technology. With a long tradition of funding research and education in podiatry and biomechanics, KLM has been a driving force in the footcare industry for over 40 years. KLM's staff is composed of experienced orthotic technicians, many of whom have been with the company for decades. KLM's services include a free-to-use digital casting application for iPad and Structure Sensor Scanner, a comprehensive online ordering system, as well as complementary ground shipping nationwide. KLM continues to manufacture custom foot orthotics in both traditional and modern techniques, providing customers a wide range of options for product design.

Over the years KLM has developed various materials and manufacturing processes which have changed the foot-care industry as a whole. KLM is proud to manufacture in America, supplying both custom and over-the-counter

orthotics and AFOs to a wide range of customers, including private practitioners, Veteran's Association Hospitals, and medical conglomerates such as Hanger and Kaiser Permanente.

Visit [klmlabstore.com](http://klmlabstore.com) or click here.

### Orthotic Therapy Expert: Dianne Mitchell-Pray, DPM

Dr. Dianne Mitchell-Pray plays a critical role at ProLab Orthotics as a Medical Consultant. She helps clients write effective orthotic prescriptions for the best outcomes, troubleshoots difficult cases, and offers a second opinion to clinicians. Dr. Mitchell-Pray also provides biomechanics training to the ProLab Orthotics Client Services Team.



Dr. Dianne Mitchell-Pray

As an avid athlete, Dr. Mitchell-Pray has always had a passion for biomechanics. She is a graduate of the California College of Podiatric Medicine. After her residency she chose a sports medicine fellowship at Virginia Mason Sports Medicine in Seattle. In addition to her role at ProLab, Dr. Mitchell-Pray practices in a multi-specialty group giving her extensive clinical experience. When you speak with Dr. Mitchell-Pray, you are speaking with a trusted colleague who has a deep understanding of the role of biomechanics in surgical and nonsurgical podiatric treatments.

Providing free medical consultations is one of the many ways ProLab shares its expertise with clients. The overall goal is to help clinicians provide the most effective orthotic therapy to patients. Dr. Mitchell-Pray, along with ProLab Medical Director Dr. Larry Huppin, set high standards for ProLab based on the latest medical research for effective orthotic therapy.

For more information on ProLab Orthotics, visit [ProLabOrthotics.com](http://ProLabOrthotics.com), call 800.477.6522 or click here.