

INVENT  
MEDICAL



Invent Medical

**Global Leader in  
3D Printed O&P**

# augo

Transibial Prosthetic Socket



Visit  
Web



**Augo Control**  
Volume adjustable  
*(Click Reel)*



**Augo Air**  
Volume adjustable  
*(Pneumatic - prototype)*

## Comfort. Control. Trust.

The most comfortable and advanced 3D printed socket with a smart, two-material design. Augo is systematically engineered and optimized for maximum reliability and trust.

[www.augosocket.com](http://www.augosocket.com)

## THE SOCKET PATIENTS TRUST AND LOVE

Finally- a great, comfortable, and reliable 3D printed prosthetic socket. Augo is very different from the sockets you have seen before.



### Semi-flexible

Significantly better fit & comfort



### Comfortable

A new level of comfort with flexible brim and soft custom pads inside



### Lightweight

Socket design is optimized by algorithms to keep light for each individual user



### Tested & Optimized

Tested for 500kg. Mechanical testing & computational analysis



#### DIAGNOSTIC

Available in 2024

Cheap & fast process

Print in-house on FDM or outsource



#### STANDARD

Custom inner relief areas

Improved comfort



#### COMFORT

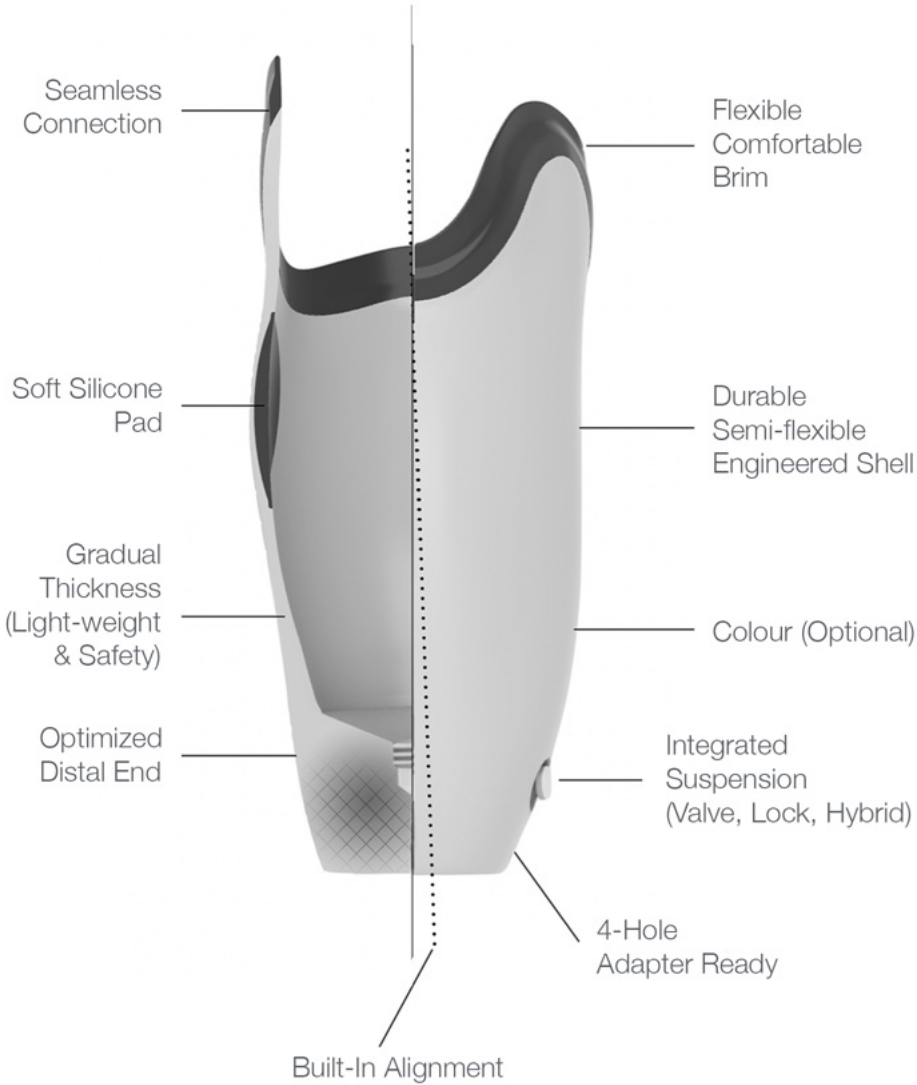
Flexible brim

Custom inner relief areas

Maximum comfort

*Patented & patent-pending solution.*

# Smart Inside Out



## WHAT CUSTOMERS SAY

"Most of you have heard me get on my soap box regarding scanning and the pitfalls around sending off a scan of a limb and getting a socket back in a box. At Gates Prosthetic + Mobility Clinic we are open to technology but scrutinize its ability to hold up to logical principles.

And we've got to say, this Augo socket from Invent Medical is more than we could hope for. This 3D printed socket allows us to keep control of socket fit all the way up to fabrication, trimlines, pad placement, and color. The end result is slick!

Thank you Invent for delivering an impressive tool based in sound clinical knowledge!"

**Terran Jones Gates**, *Gates Prosthetics & Mobility Clinic*

"The Augo socket has been a great option for our transtibial prosthetic users. Patients love how sleek they look and are continually commenting on how lightweight the socket feels."

**Taffy Bowman**, *Ability Ottobock.care*

"It is one of the best prosthetic sockets I have ever used. My patient was especially pleased with the proximal brim, making everything in daily life more comfortable. He also said that it is easier to get down on his knees than ever before, and doesn't have to think about it when doing so."

**Fredrik Dahll**, *Blatchford Ortopedi*

"Since they made me the Augo, my other prosthesis has stayed in the closet. I use it everyday and especially at work where I stand on my feet for 12 hours a day. Thanks to this prosthesis, I feel comfortable and problem-free. The weight of the socket is also great because, compared to the previous prosthesis, it's much lighter. I am thankful that now I can walk happily despite all other obstacles."

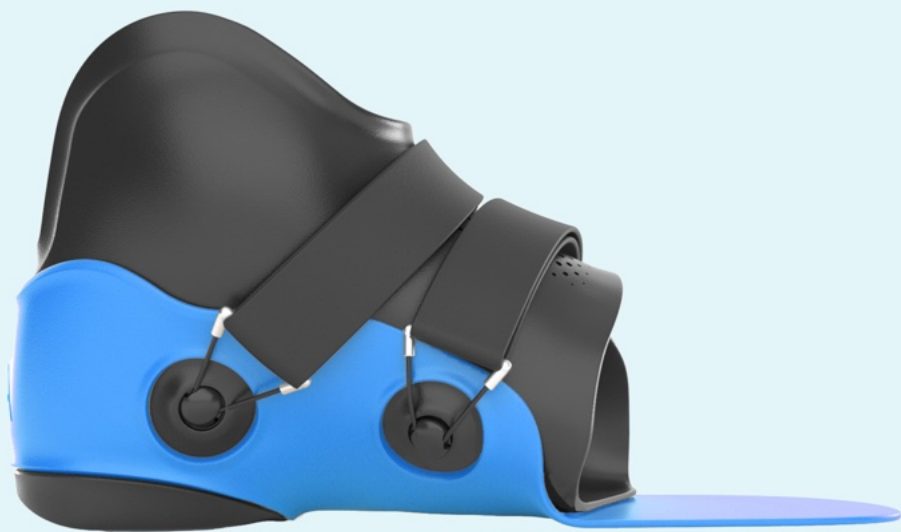
**Allesandro Nemeç**, *Augo User*



Ankle Foot Orthosis & SMO



Visit  
Web



Fusion (2-material SMO)

*Available also in pronation, supination and toe-walking version*

## Step Forward

Piro is different. Very different. It is the thinnest, lightest, and most comfortable AFO and SMO ever made.

Piro uses the newest technologies and smart engineering to offer unparalleled comfort for your patients.

Either just take measurements or scan the cast.

[www.piroafo.com](http://www.piroafo.com)



## YOUR PATIENTS WON'T WANT ANYTHING ELSE

Gain new referrals and patients with this groundbreaking, award-winning 3D printed product-line. During the testing period, 98% of patients and caregivers preferred a Piro over a traditional SMO/AFO. The revolution is here.

### PIRO TYPES



Flex



Fusion TW



Active



Dynamic  
*Tamarack / Pivot*



Spring  
*Available in 2024*



Control



Block



Static



Rehab  
*Caroli*

*Patented & patent-pending solution.*

# Piro Flex: The Most Flexible SMO On The Market

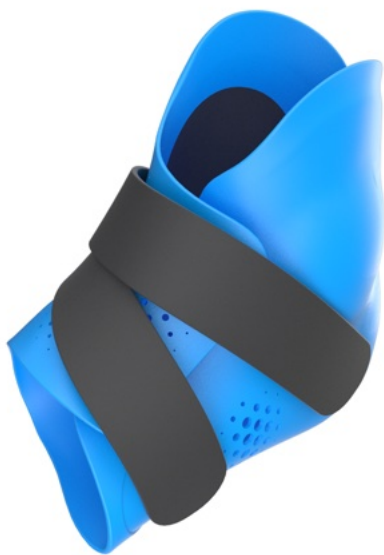
Piro Flex is suitable for small low-tone pronation patients (1-5 years old). It is the least obtrusive SMO that offers support and more comfort than orthopedic shoes. It's becoming wildly popular and preferred by therapists.

The very **flexible design provides all around compression**, while ensuring the ML stability your patients need.

It is unlike any SMO you have seen - it offers **unparalleled comfort**, **integrated dorsal wrap** (say bye to losing the chip!), variable-thickness design, soft trim lines, breathable areas and **perfect fit**.

**Soft heel** for proprioceptive feedback built into the stabilizer is groundbreaking.

Scan a cast or **take 10 measurements** and order in 2 minutes.



*\*Also available in toe walking version*



## PIRO BENEFITS



### Comfortable

Thin, lightweight, and breathable design



### Smooth Application

Better fit in shoes, go down a size



### The Most Custom

Custom thickness, flexibility & symbols



### Quality Guarantee

Use Piro risk-free with full product warranty

## WHAT CUSTOMERS SAY

"It was probably the **nicest pair of articulating AFO's I have seen** in 30 years!! The PT was so impressed she wanted a sample AFO."

**David Paolino**, *New Beginnings Orthotics and Prosthetics*

"The **calcaneal control in the Piro Flex is so intimate it is incredible!** In my opinion the Flex SMO is quickly **becoming the gold standard** for the treatment of excessive pronation in young kiddos!

They **fit amazingly well, super low profile.**

Patients, parents, and PTs **love them!**"

**Tyler DeLeo**, *Goal Pediatric Orthotics*

"We got **incredible results and the fit was awesome!** Our patient and her parents **loved the fit of Piro Block** and of course, the color.

We loved the **correction and support** we achieved, along with the flexibility of the materials. The braces and chafes are also more **streamlined so she was able to go down a shoe size.**"

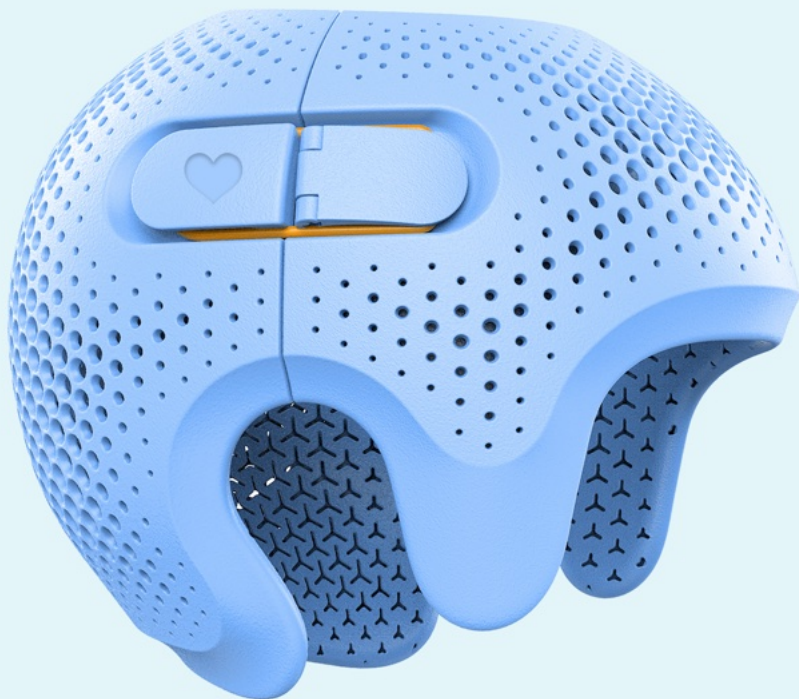
**Sarah Caragian**, *Macy O&P*

"My goal is to pursue adding integrated cushioning into our devices. Piro Fusion has absolutely nailed it! These **relief areas are incredible.** This orthosis design is **seriously everything I've ever wanted** to incorporate into O&P devices."

**Derick Schmidt**, *Shore Prosthetics & Orthotics*



Cranial Remolding Orthosis (CRO)



## Defining Comfort

Talee is a revolutionary, patient-specific, 3D printed remolding helmet.

Talee offers improved comfort, fantastic aesthetics and gentle care.  
Talee is preferred by parents and offers the revolutionary 2in1 system.

[www.taleetop.com](http://www.taleetop.com)

*Patented solution.*

## #1 SOLD 3D PRINTED CRANIAL ORTHOSIS WORLDWIDE

Talee is based on more than **20,000** successfully treated babies. Our partners provide Talee at 500+ locations in **over 40 countries**.

Over the years of its market presence, Talee has undergone hundreds of iterations. Many improvements were inspired by our own clinical facility working closely with our dedicated in-house development team, and others were inspired by caring clinicians like yourself. Also available in post-op version.



### Less Sweating

Talee is the most breathable CRO



### Comfortable

Designed as light and thin as possible



### Frequent Updates

Dedicated in-house development team



### Great Results

Consistent control and proven improvements

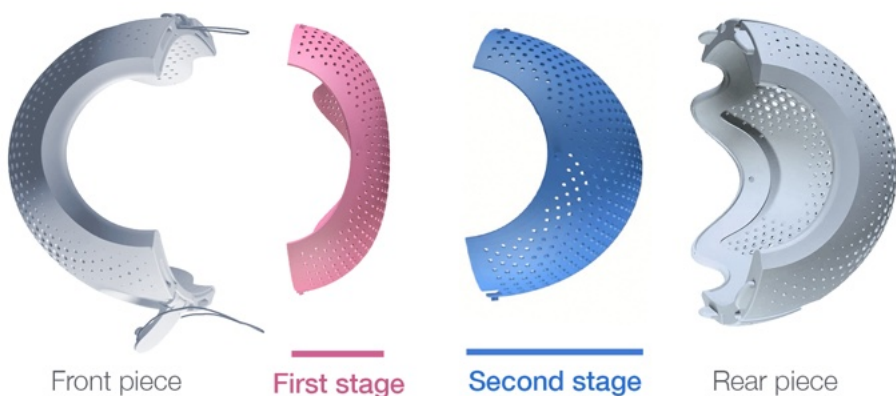


# Introducing The Revolutionary 2in1 System

Talee enables 2 stage treatment with replacable inner layers.

It offers the **most space for growth in a single orthosis** combined with the **best stability** and ease of use.

Less adjustments means saving more of your clinical time and improved results means greater parent satisfaction!



## First stage:

Temporary inner layer  
(for the first couple of weeks)

Correcting symmetry and  
providing more contact and stability

## Second stage:

Final inner layer  
(until end of treatment)

Enables more growth into  
desired final head shape

2in1 is the patent-pending system of our second generation 3D printed CRO.



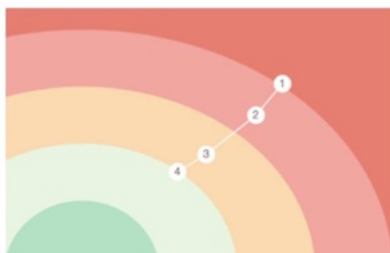
## FUN CUSTOMIZATION

Parents can choose the color, add text on the forehead, and pick out a meaningful symbol for the side to increase orthosis acceptance.



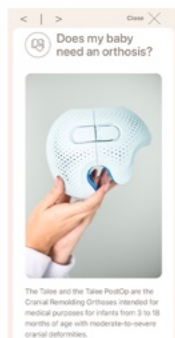
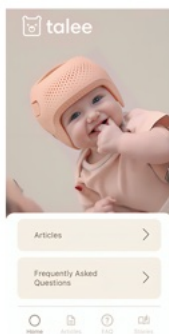
## EFFORTLESS REPORTS

Talee comes with easy to use software that can create visual treatment progress reports to help motivate parents in just a few clicks.



## MOBILE APP

The Talee iPhone app contains our care giver's guide, articles, tips & tricks and answers to frequently asked questions to make the treatment easy for parents.



# talee

protect

Protective Helmet



## TWO VERSIONS

### Unique Flexible Design

Recommended for frequent falls

### Rigid Design

Recommended for craniectomy

Talee Protect features the best protection while offering great comfort, breathability and beautiful aesthetics.



### Comfortable

Unique breathable design



### Great Fit

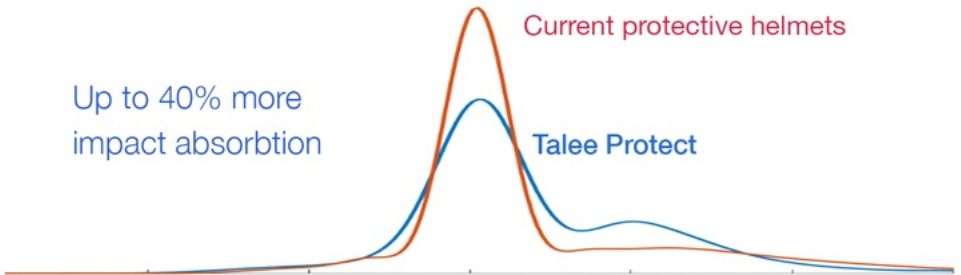
100% custom design to ensure perfect fit

Up to 40% more impact absorption

Current protective helmets

Talee Protect

Chart comparing average impact force (lower = safer)





We deliver **tens of thousands** of devices each year to **700+** clinics and hospitals in **40+** countries on **5** continents:



Reach out to us at [hello@inventmedical.com](mailto:hello@inventmedical.com)



# About Invent Medical

We have a mission of **helping people through innovation**. More than 400,000 medical devices are 3D printed every day. We're not only bringing this innovation to the O&P field, but making it accessible for all clinicians and patients.

For more than 15 years, we've been applying digital technologies to develop and design a new generation of 3D printed patient-specific O&P products so patients can experience a better treatment.

We believe in systematic, responsible approaches to development. Our products are tested for millions of cycles and are meticulously optimized and fine-tuned for 5+ years before being launched. Then, we keep listening for feedback and never stop improving. That is why our products are the most-advanced 3D printed O&P products worldwide and will help your patients and practice.



**30+ Years**  
Experience  
in O&P field



**Team of 75+**  
Clinical, technical,  
and development



**3 Offices**  
Germany, USA  
Czech Republic



**8 Locations**  
Manufacturing sites  
on 5 continents

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