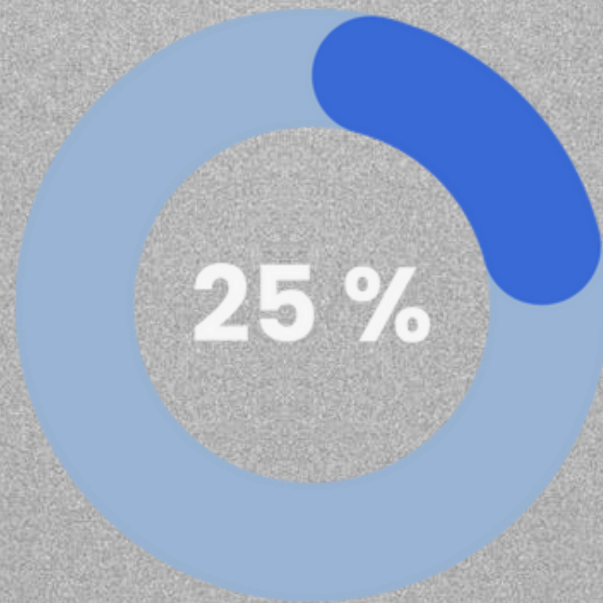


Uplift

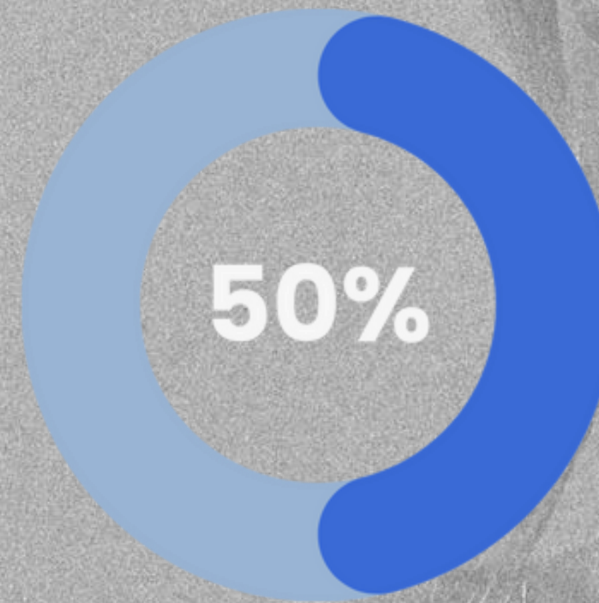
“Adjusting” the future for POTS patients.

Postural Orthostatic Tachycardia Syndrome

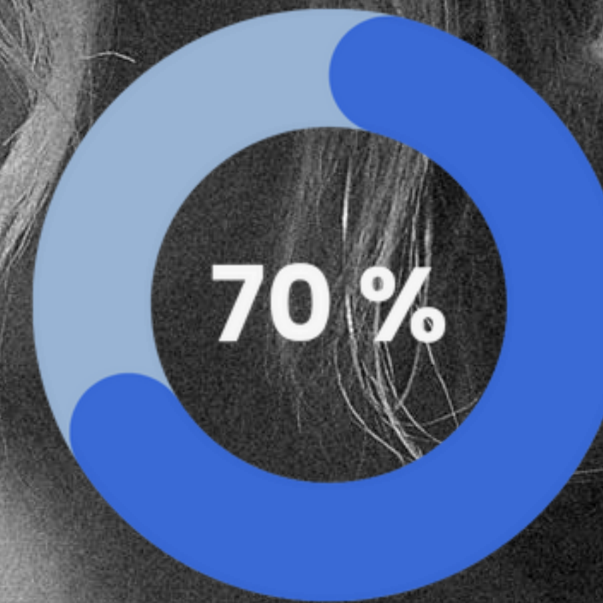
70 M
with dysautonomia
worldwide



are **disabled**

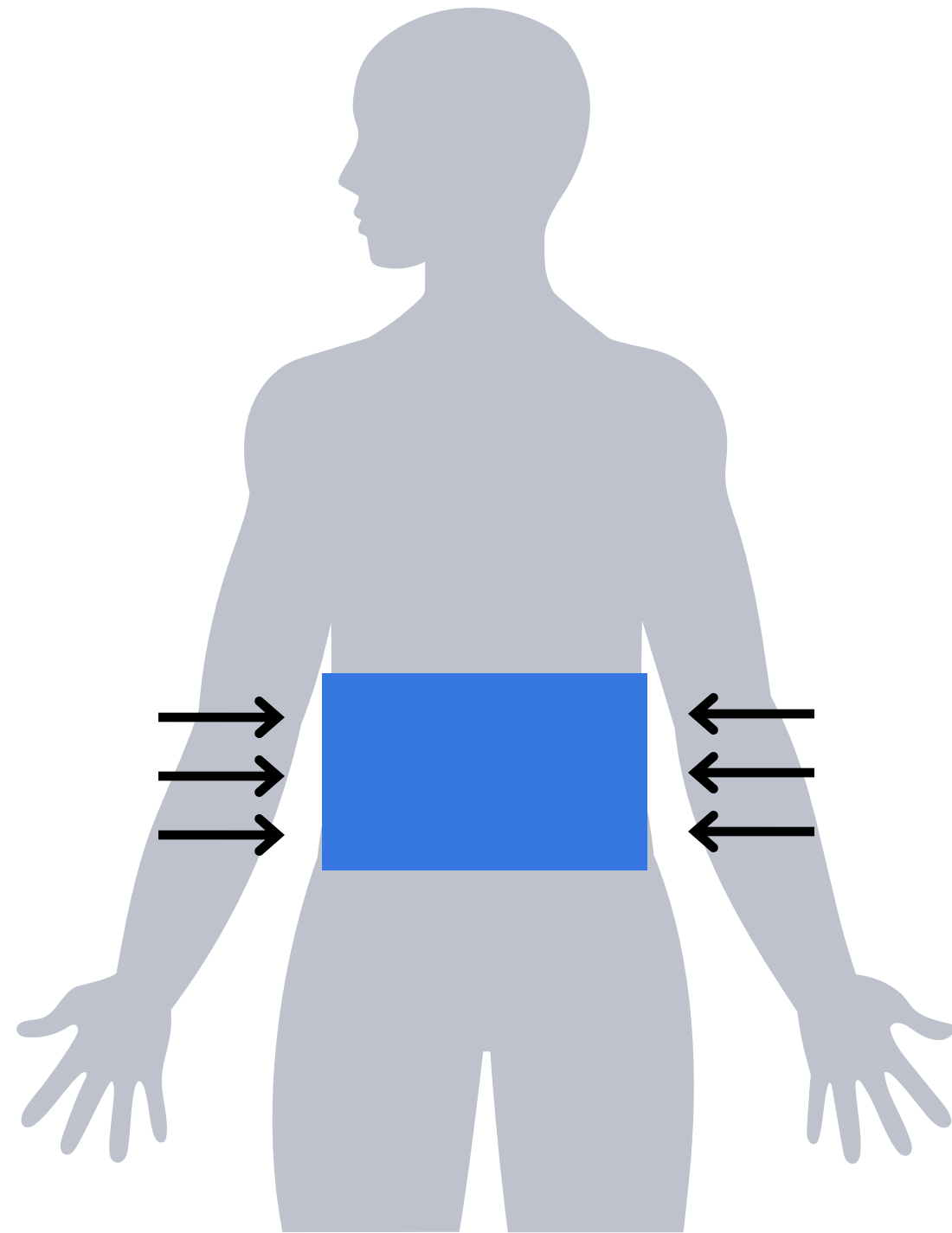


spend **\$10,000+ on
POTS expenses**



experience **loss of income**

the problem

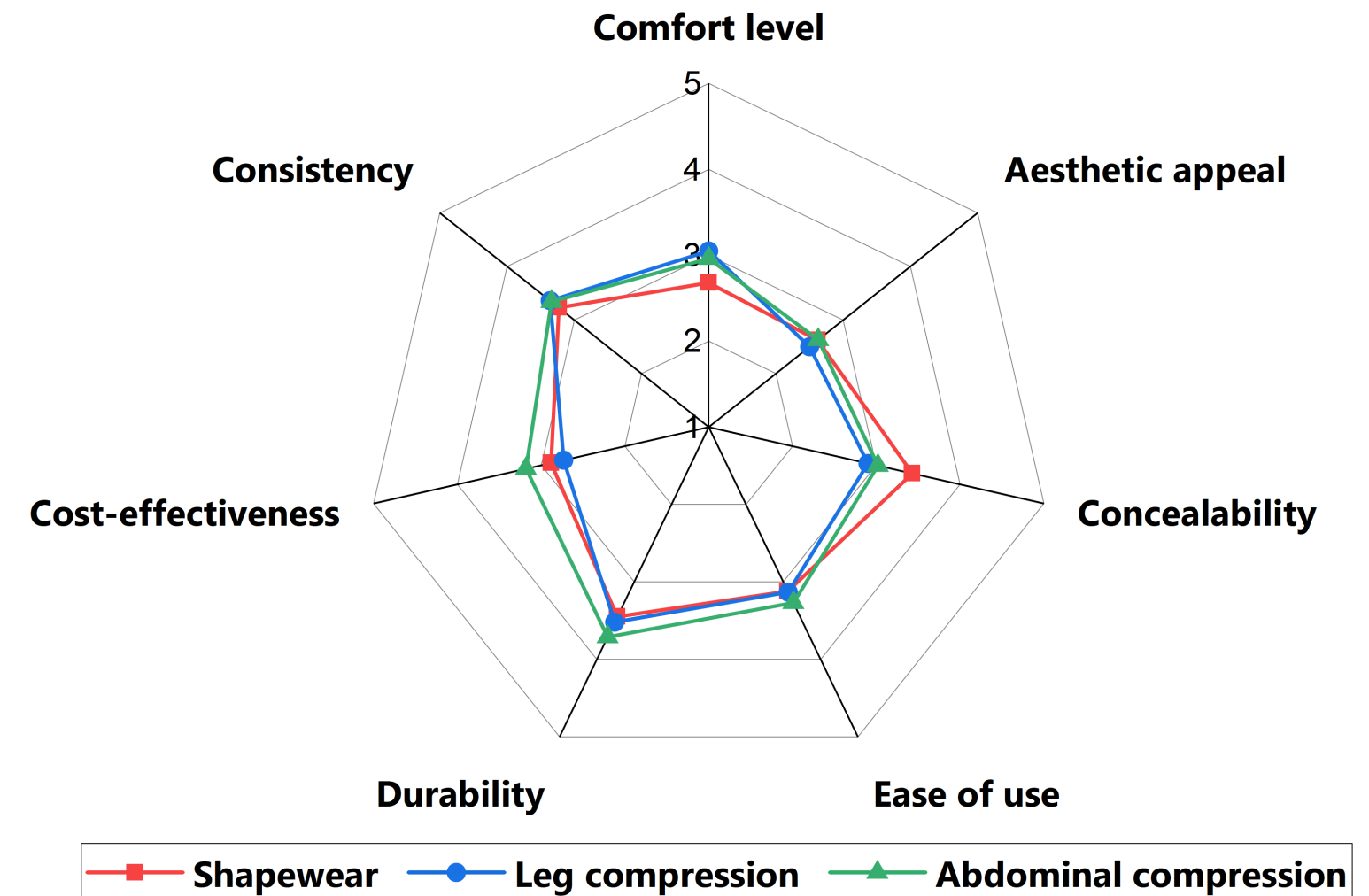


Abdominal compression has been shown to effectively reduce POTS symptoms....

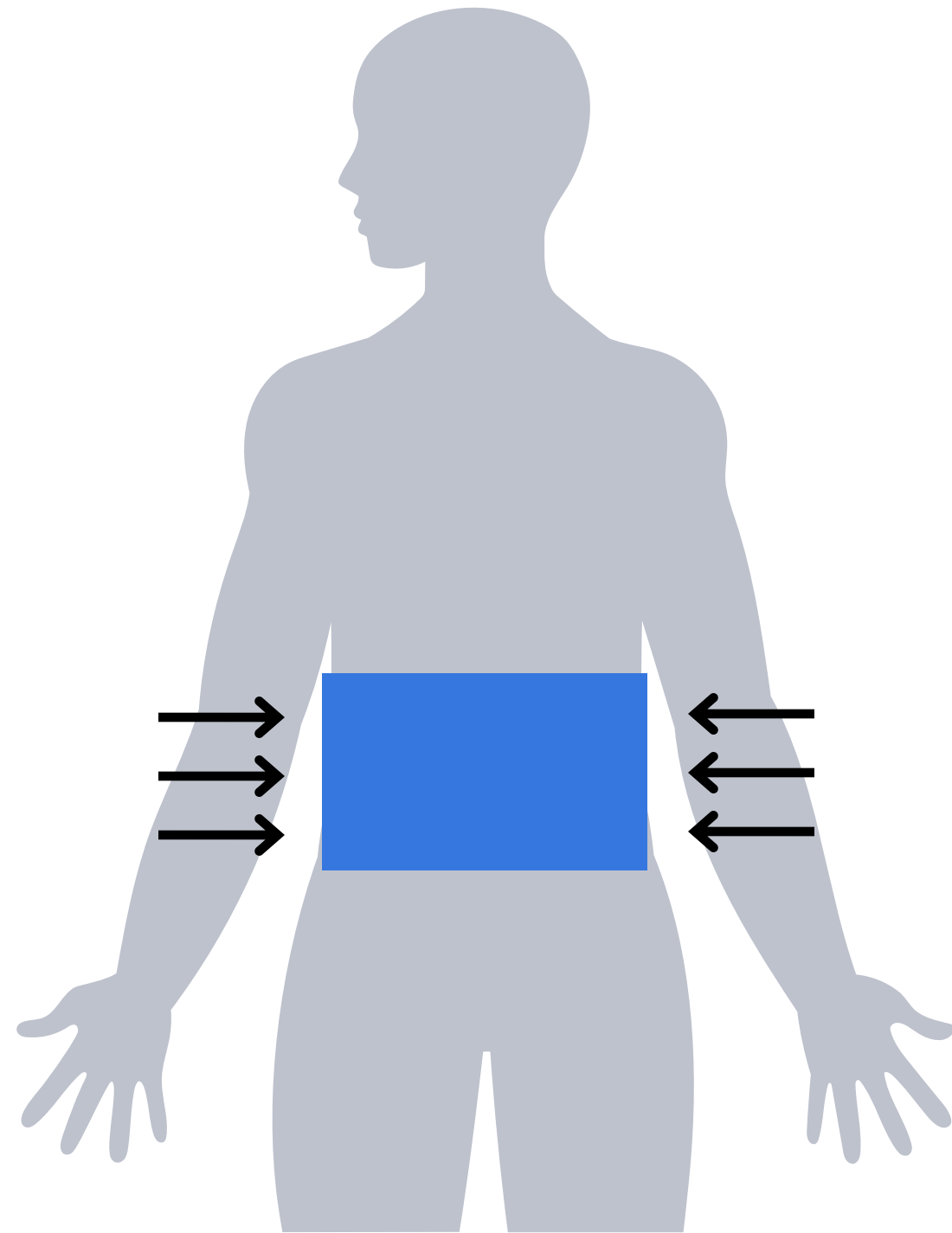
... but:



358 patients surveyed in our peer-reviewed study¹



Revealed existing compression products do not fully meet needs.

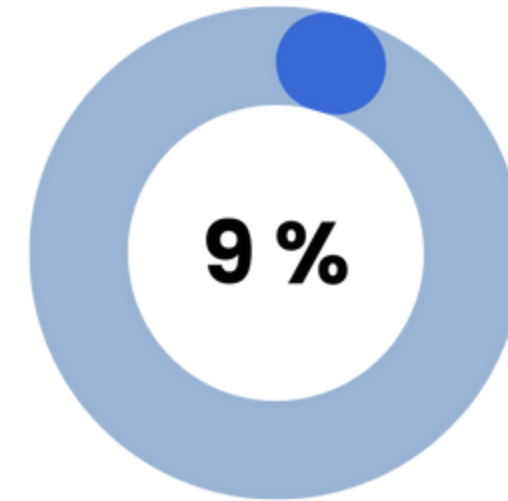


Abdominal compression has
been shown to effectively reduce
POTS symptoms....

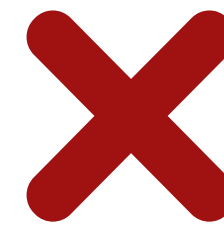
... but:



358 patients surveyed in
our peer-reviewed study¹



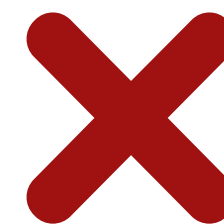
found existing
compression solutions
effective.



inconsistent symptom
relief



difficult to use



uncomfortable to wear

Abdominal compression garment with a **user-controlled** cinching mechanism to apply **therapeutic** pressure¹ **when** it is **needed**.

Optional pressure pad pocket for targeted relief when needed

Pressure monitoring system shows applied compression level

Anti-twist comfort padding prevents device shifting and skin irritation

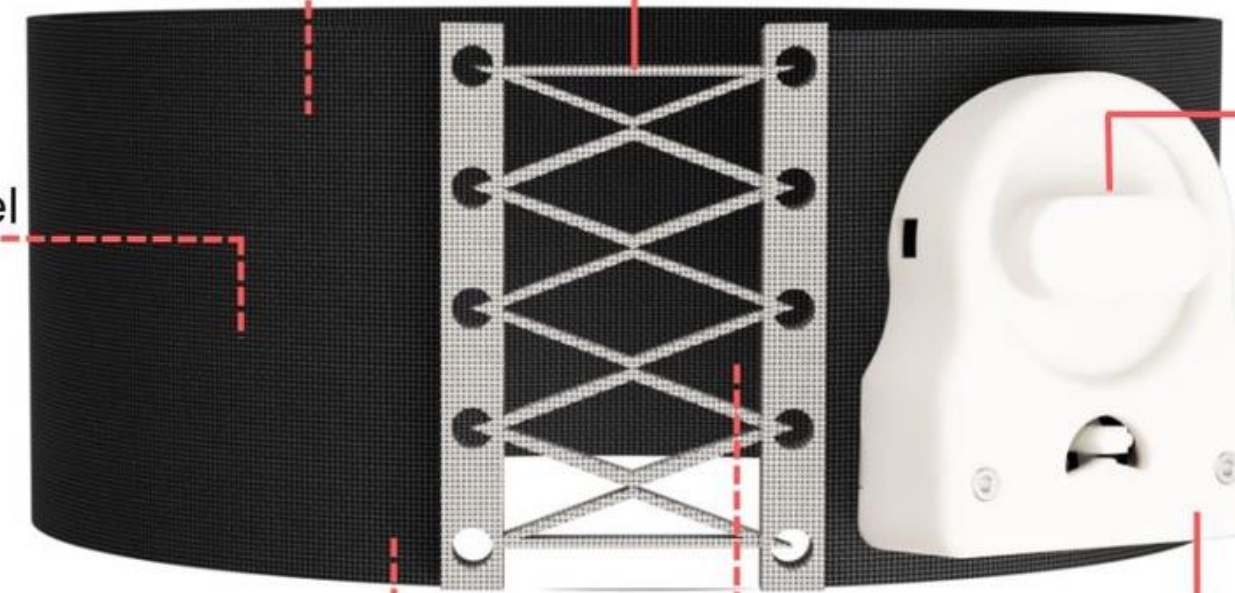
Adjustable lacing system provides even circumferential pressure

Precision control dial is rotated to adjust compression intensity

Safety mechanism prevents pressure from exceeding therapeutic range

Velcro fasteners allow easy wearing and removal

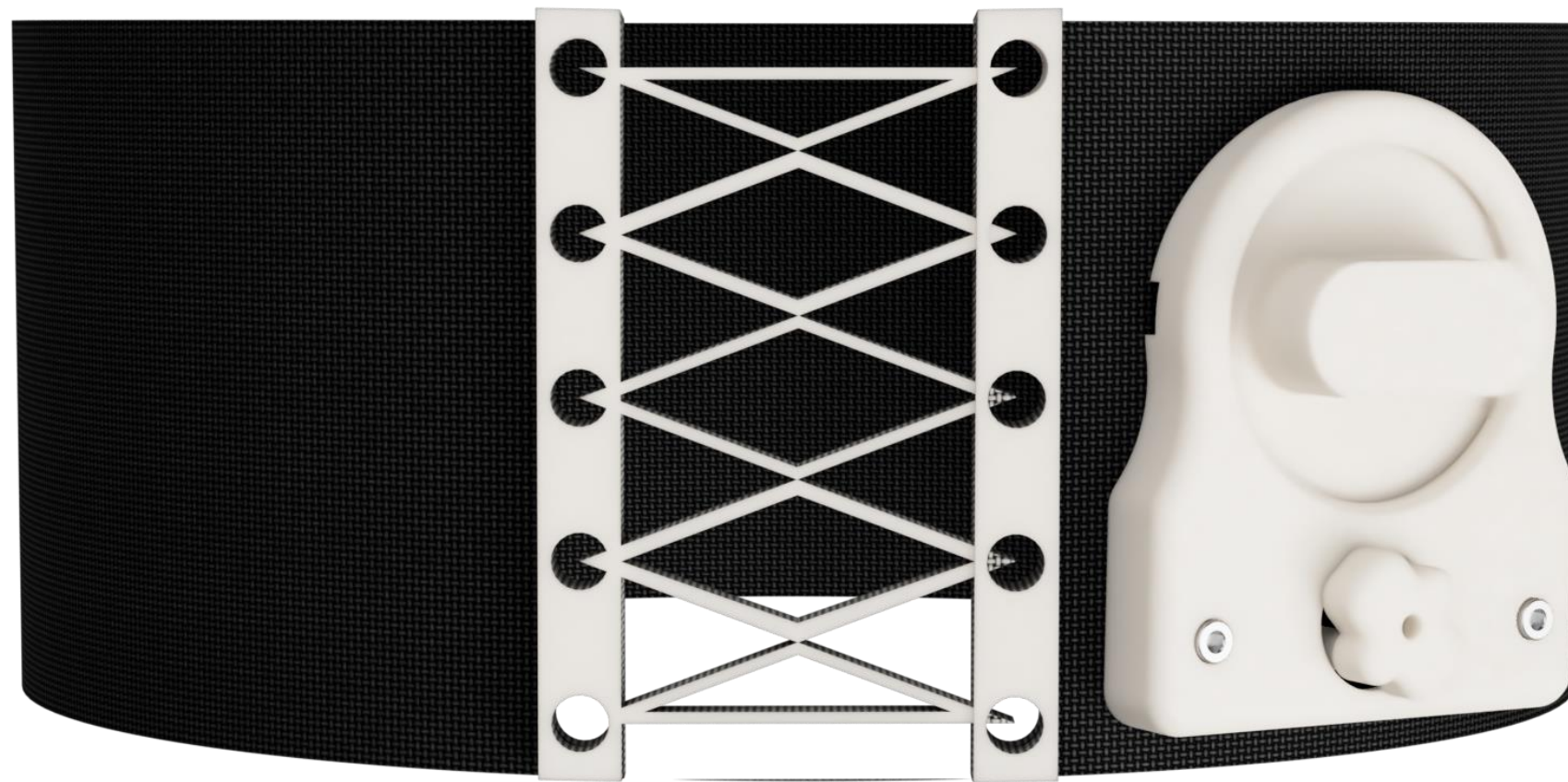
— Features visible on device
- - - Features inside / behind device



Sources: Dahm et al., 2019; Faisal et al., 2018

¹Therapeutic pressure (30-40 mmHg) is classified as 'firm' (Class III) compression in medical standards and is clinically proven to reduce venous pooling in POTS patients.

Abdominal compression garment with a **user-controlled** cinching mechanism to apply **therapeutic** pressure **when** it is **needed**.



patent-pending
design



therapeutic pressures
of 30–40 mmHg



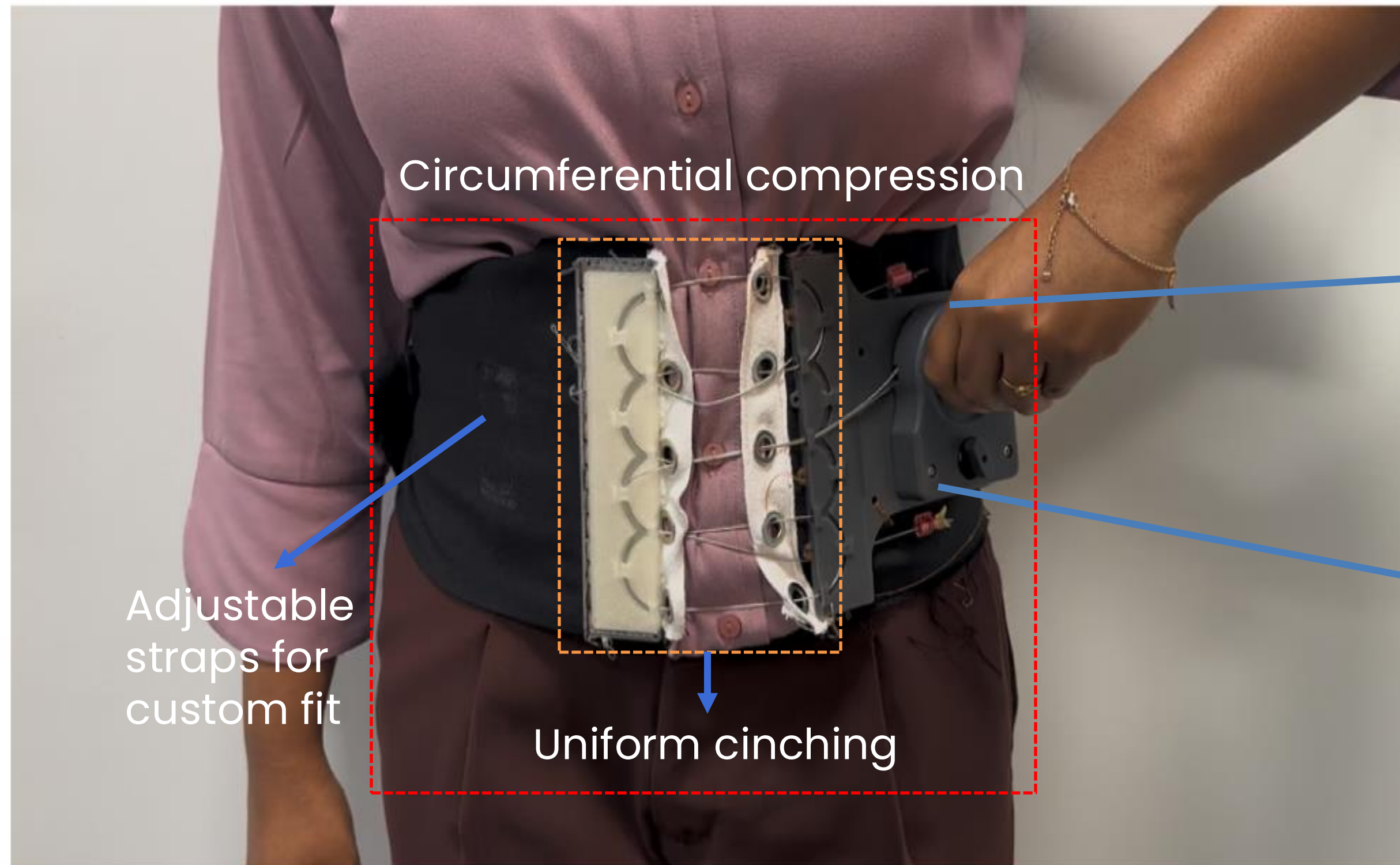
intuitive control system
with easy-to-use
rotational dial



on-demand
compression for
maximum comfort



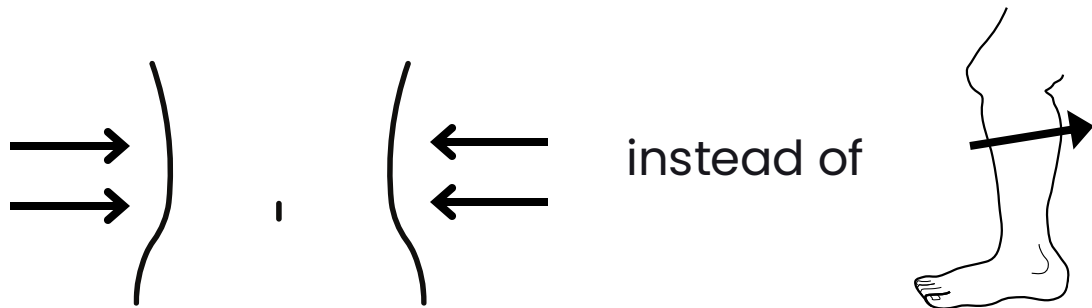
Initial human testing with
significant positive effects on
relevant vital parameters



Dial mechanism

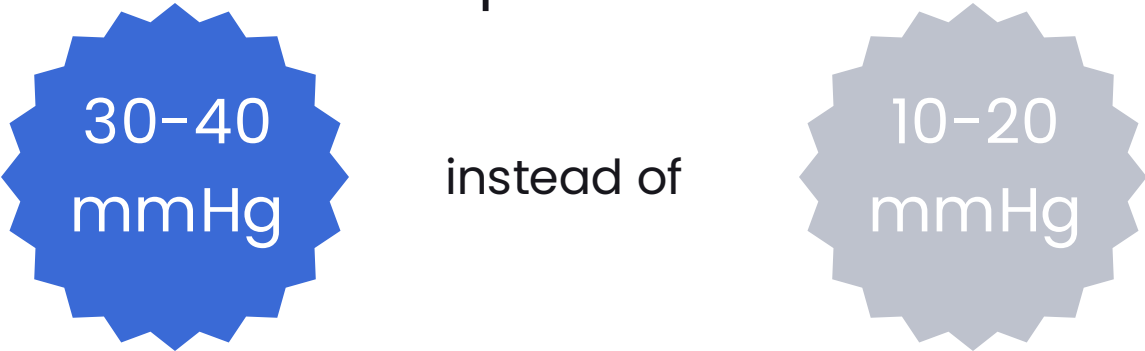
EFFECTIVE

employs abdominal rather than leg compression



THERAPEUTIC

operates within therapeutic ranges of pressure



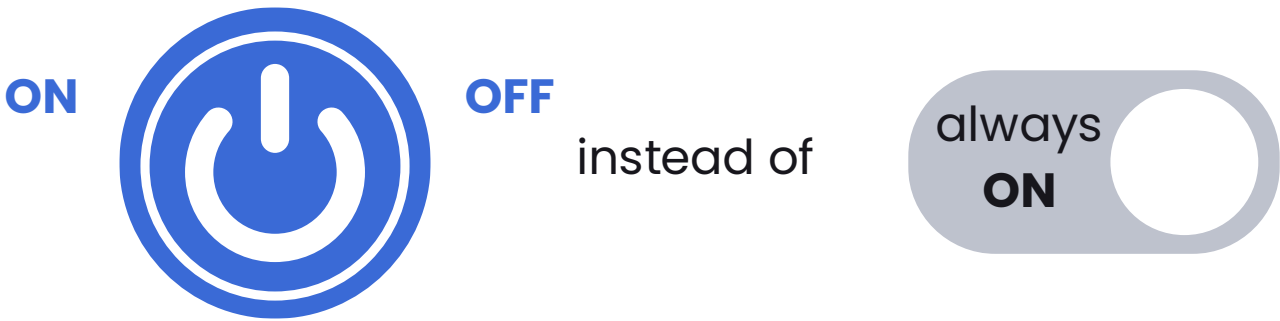
EASY TO USE

thanks to an intuitive rotational knob design

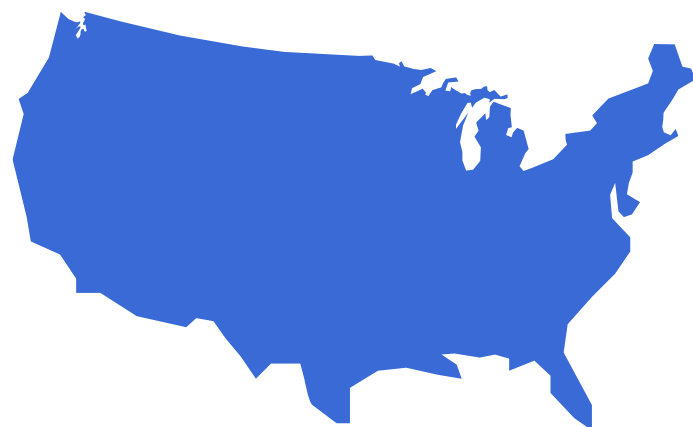


COMFORTABLE

(dis-)engagable to apply compression only when needed



Market opportunity:



3–6 M

people with POTS in the US alone

Target retail price:



\$300.00



\$1.35 B

Market size

Target customer:

15–50 year old,
predominantly female
POTS patients



Does **not** account for:

- increasing POTS prevalence
13.8% CAGR in the US from 2007 to 2024
- adjacent markets
e.g., other forms of dysautonomia, anxiety management, etc.
- global market potential

the number of people affected by dysautonomia is estimated to be 70 M worldwide

Sources: Grubb, 2008; Dysautonomia International; Harris, 2022

1Based on midpoint US POTS patient population estimate and retail price



Consumer
Shapewear



Medical
Compression



Abdominal
Binders



Effective symptom
management



Targeted abdominal
compression



User-controlled
adjustment



Cost



Strategic Development Roadmap

2025

Prototype Validation

- Design optimization & mechanical testing
- Corporate formation & initial team building
- First in-patient POTS pre-clinical study
- Market research expansion & competitive analysis

\$50K

2026

Commercial Preparation

- FDA Class I registration & quality system implementation
- Patent issuance & Duke IP licensing
- Execute pilot production (100 units) and contract manufacturing setup for 2,500 units
- Build initial sales and marketing team (3 FTEs)

\$750K

2027

2028

Market Expansion

- Patient registry implementation & data collection for 510(k) submission
- Scale manufacturing while reducing COGS
- Launch direct-to-consumer channel with targeted marketing
- Grow operational team across functions

\$1.5M

2029

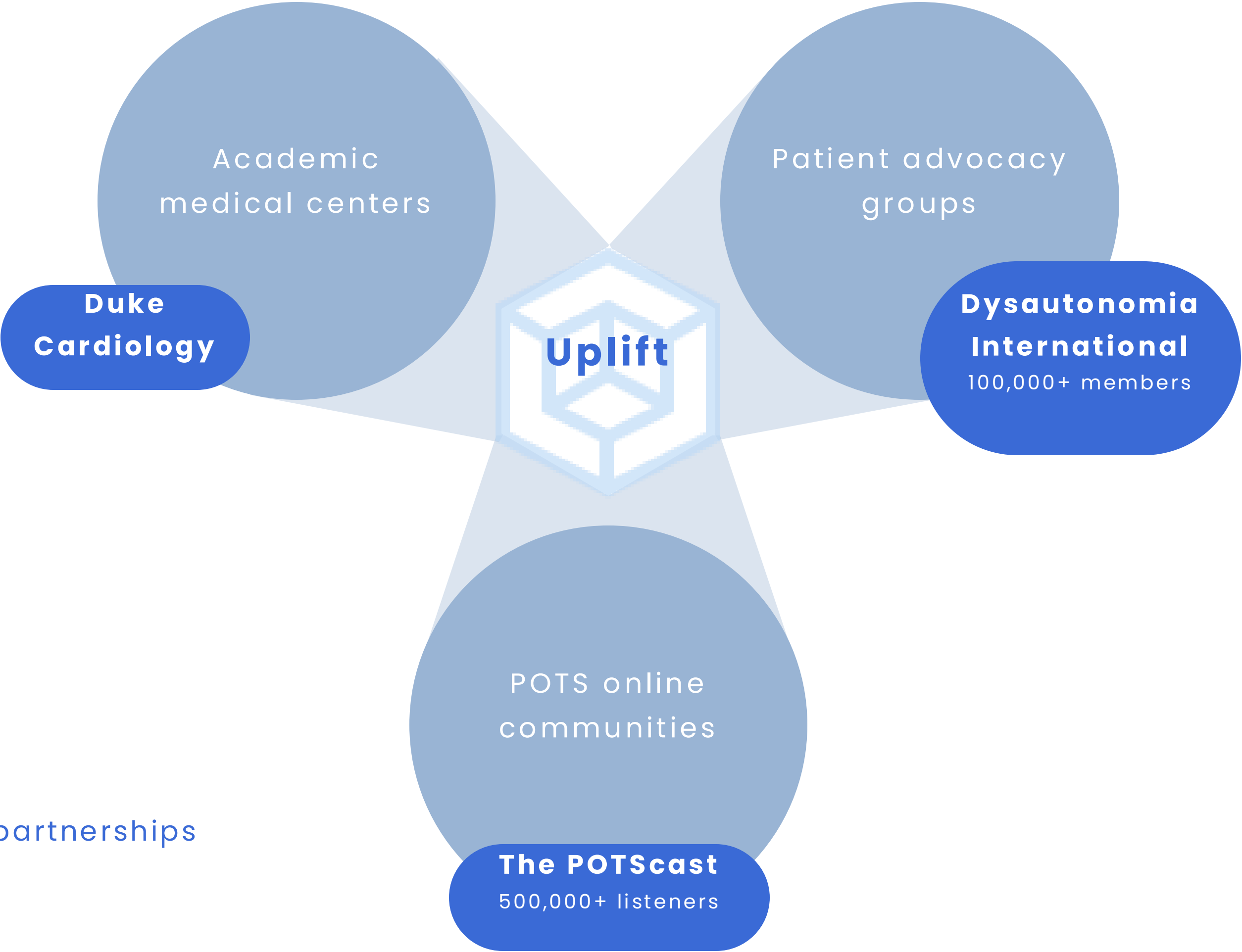
Go-to-market Strategy

Clinical Partnerships (2026+)

- Direct distribution through Duke Syncope Clinic and 10+ specialty centers
- Physician-directed recommendations
- Real-world evidence collection through structured feedback protocols

Direct-to-Consumer (2028+)

- E-commerce platform with physician verification option
- Patient education portal and community support
- Subscription model with replacement options





\$300

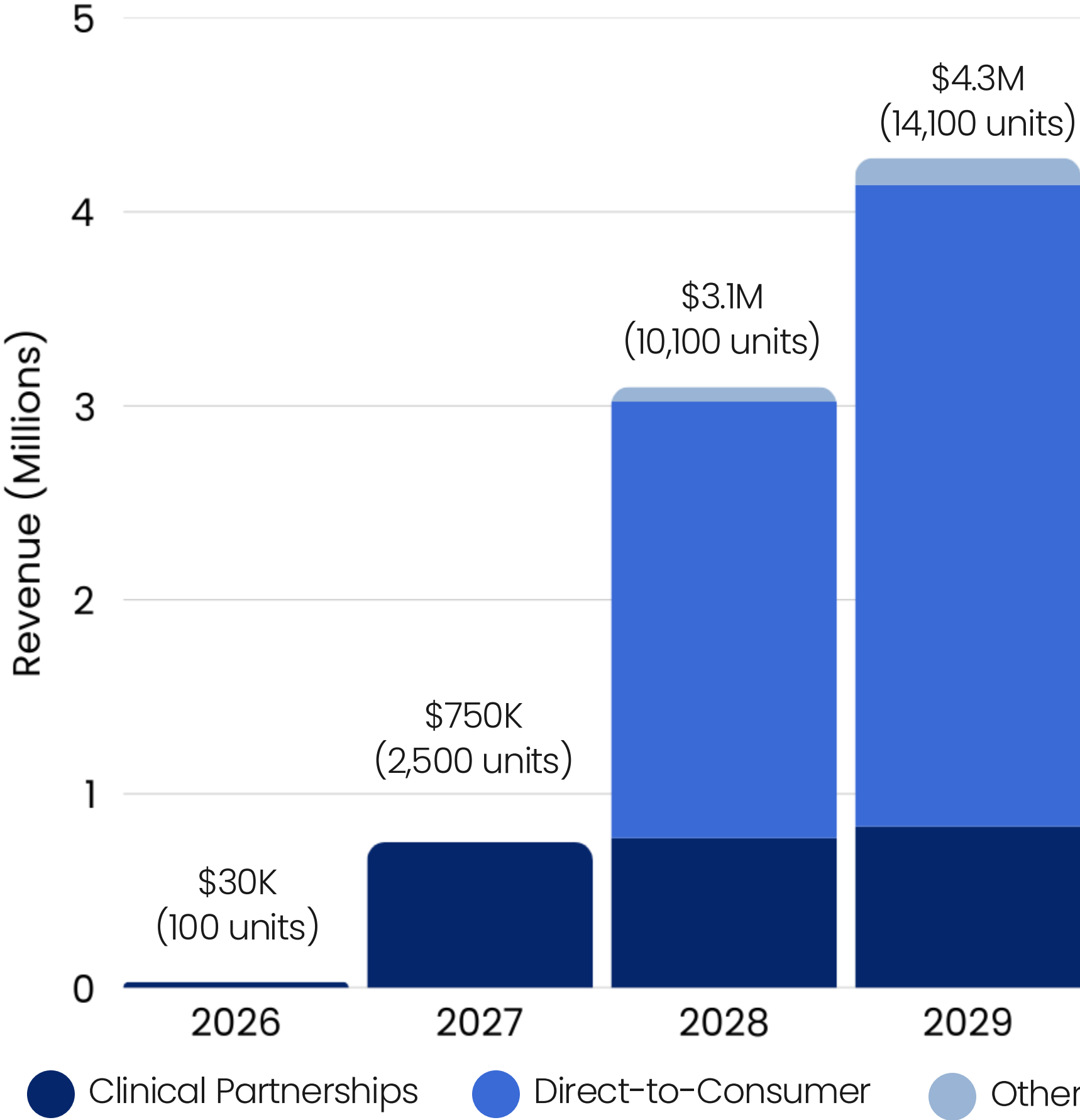
conjoint analysis suggests low price sensitivity

		2026	2029
COGS ²		\$160	\$111
Gross margin		33.3%	53.7%
Operating margin		-81.5%	18.0%

Source: Levita Health Financial Model

¹'Other' includes educational materials starting 2028

²COGS reduction driven by manufacturing scale and supply chain optimization





Kishen Mitra
Co-Founder



Sara Taube
Co-Founder

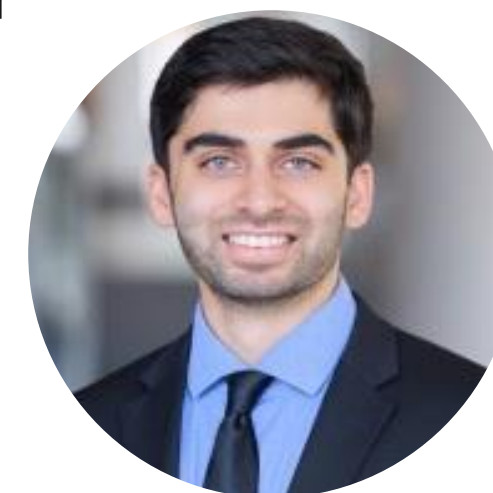
Founders



Shruthi Parameswaran
Head of Product



Lokesh Manivannan
Head of Engineering



Sameer Kunte
Head of Research

Leadership



Joseph Knight, PhD, MBA
CEO at Simpson Interventions;
Executive-in-Residence at Duke University

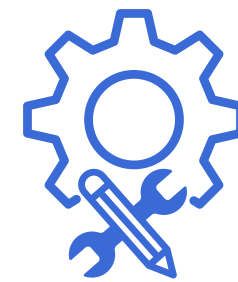
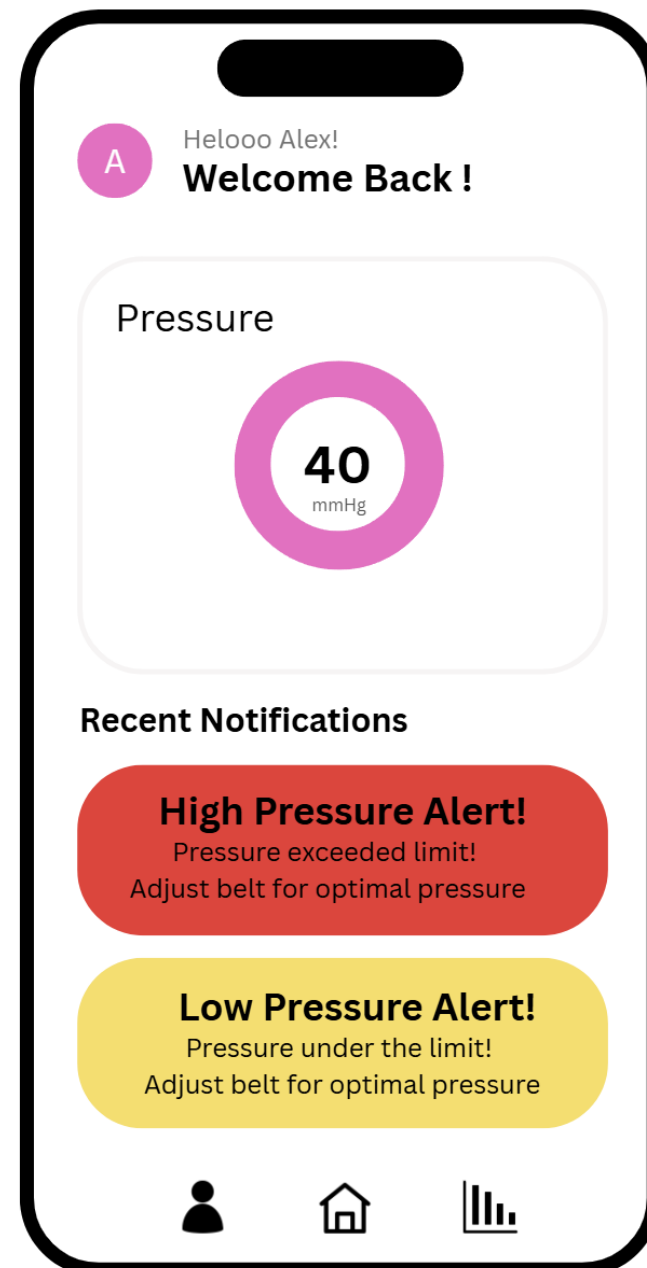
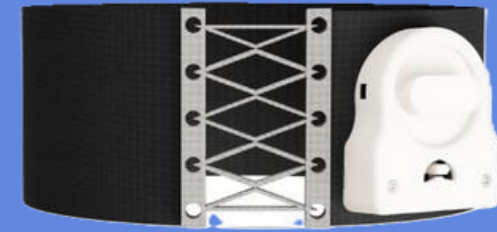


Eric Richardson, PhD
BME Professor & Director of Design
Health at Duke University



Marat Fudim, MD, MHS
Cardiologist at Duke; Health Technology
Advisory Group Member at AHA

Advisors



Product Maturation

- sourcing and testing appropriate garment **materials**
- designing refinements for extended **wearability**
- Building **mobile application** for pressure monitoring and user notifications

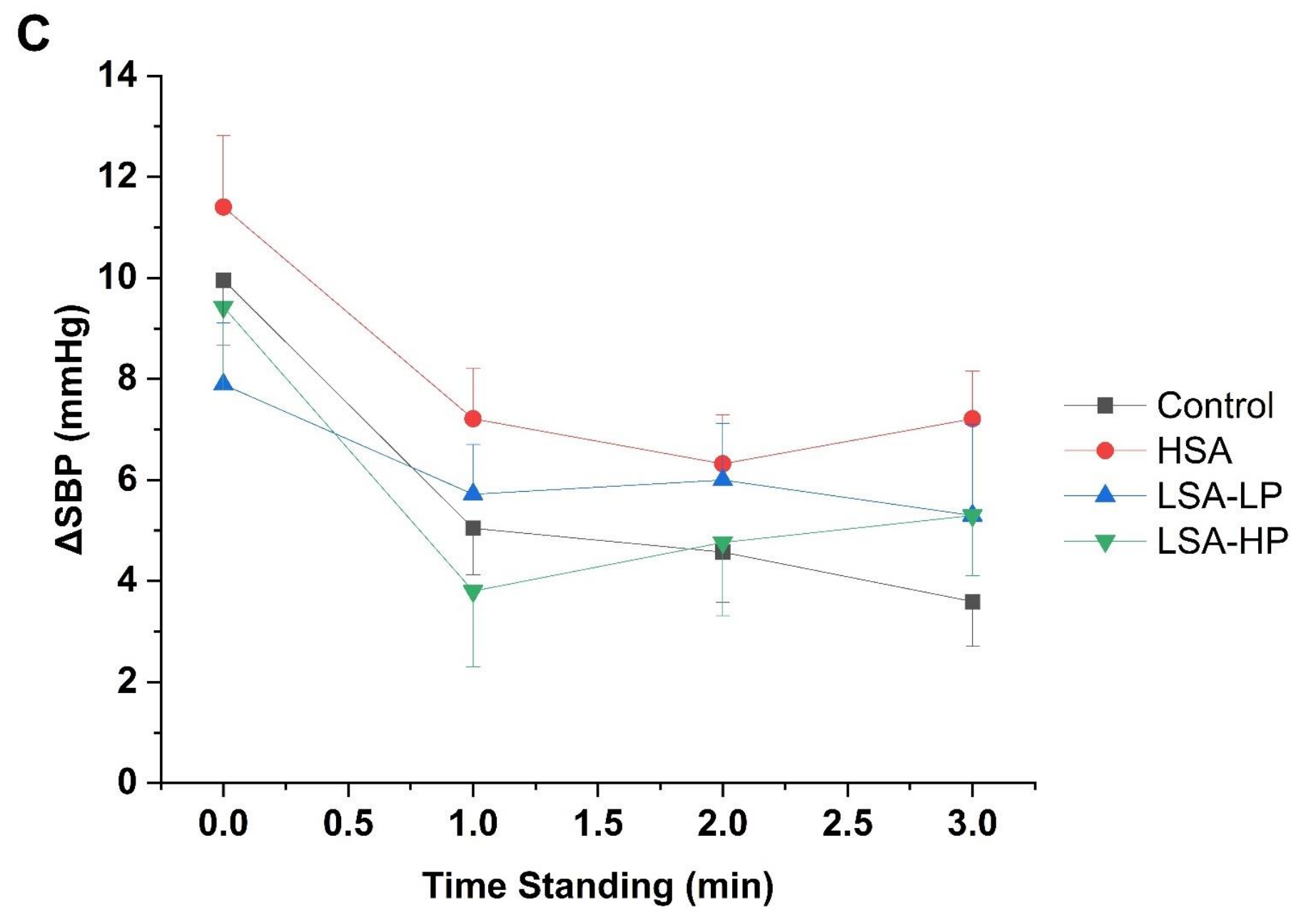
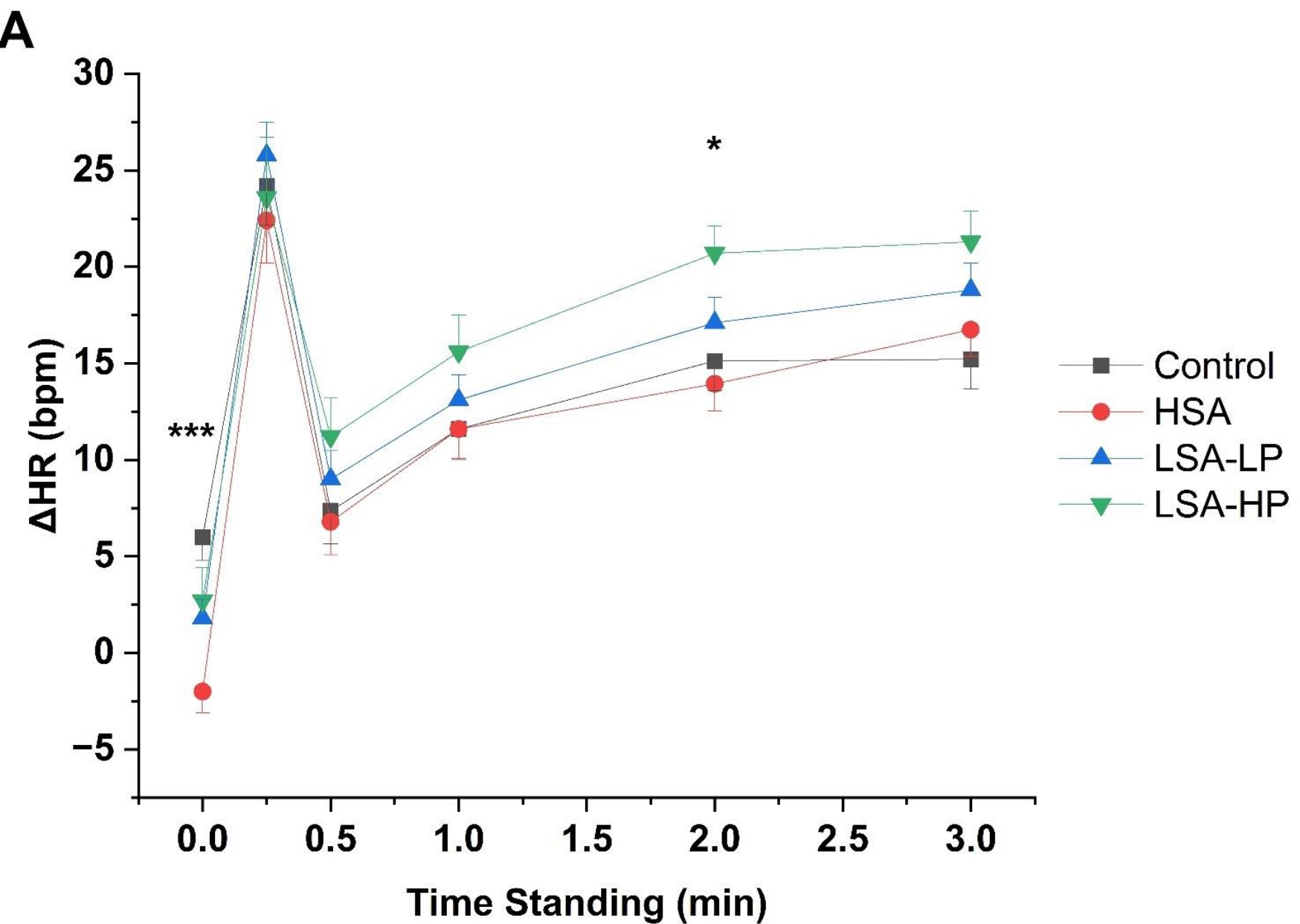
Appendix

Regression Statistics

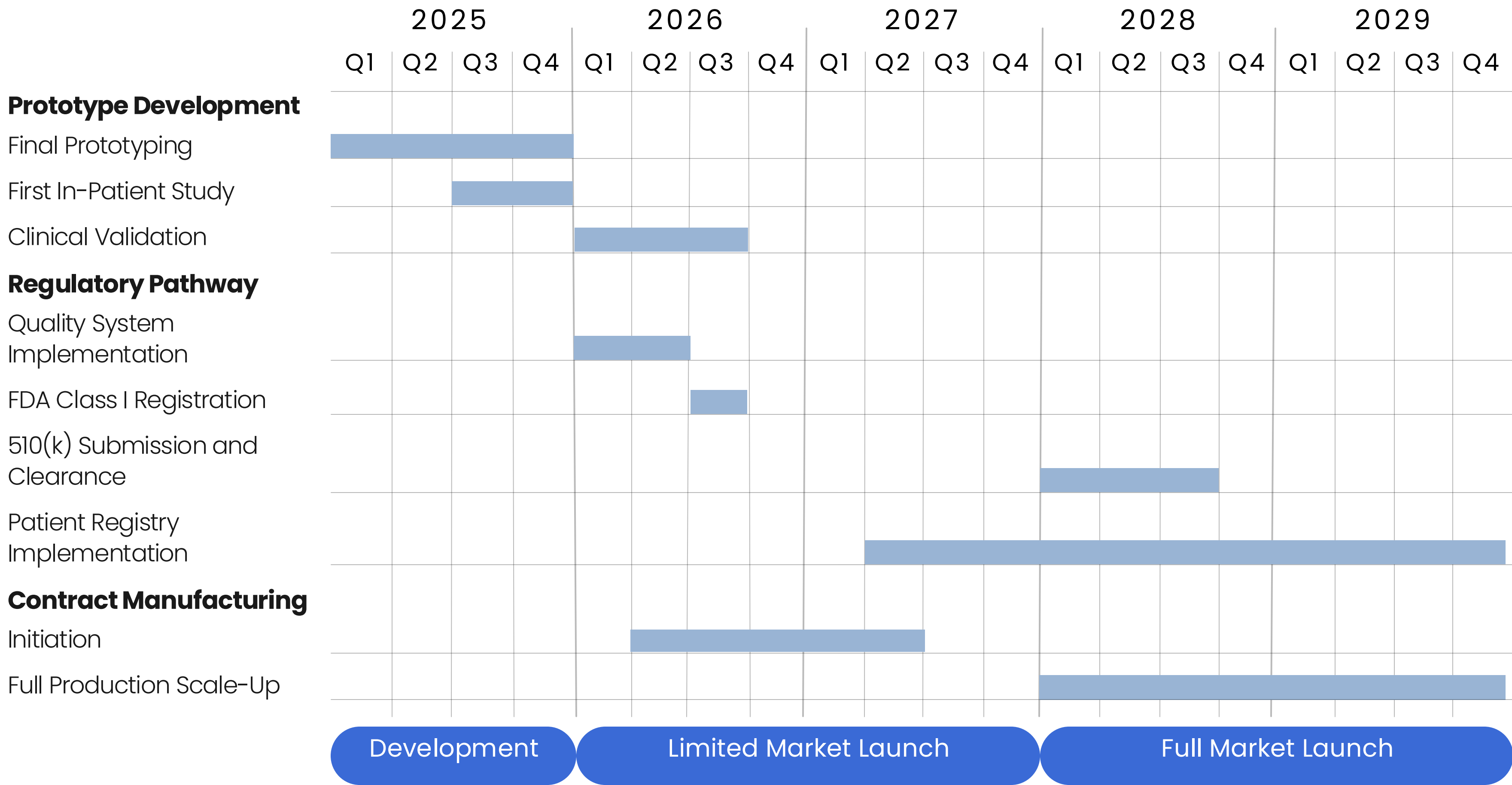
	R Square	Adj.RSq	Std.Err.Reg.	# Cases	# Missing	t(2.5%,12)
	0.559	0.154	0.660	24	0	2.179

Summary Table

Variable	Coeff	Std.Err.	t-Stat.	P-value	Lower95%	Upper95%
Intercept	-2.711	3.736	-0.726	0.482	-10.850	5.429
Consistency	0.470	0.284	1.655	0.124	-0.149	1.088
Ease of Cleaning	0.377	0.266	1.415	0.182	-0.203	0.956
Ease of Use	0.088	0.426	0.206	0.840	-0.840	1.016
Flexibility	-0.172	0.236	-0.729	0.480	-0.686	0.342
General Comfort	0.153	0.198	0.772	0.455	-0.279	0.585
Lifecycle	-0.006300	0.379	-0.017	0.987	-0.831	0.819
Noise in Operation	0.270	0.272	0.993	0.340	-0.323	0.863
Price	-0.060	0.240	-0.251	0.806	-0.584	0.463
Symptom Reduction	0.554	0.351	1.578	0.140	-0.211	1.318
Temperature Control & Breathability	0.083	0.257	0.321	0.753	-0.478	0.644
Weight	-0.123	0.249	-0.493	0.631	-0.665	0.420



Strategic Development Roadmap



	<i>Q-Submission (Pre-Sub) – Regulatory Pathway Assessment</i>	<i>Class I</i>	<i>Class II - 510(k)</i>	<i>De Novo (If No Predicate Exists)</i>
FDA Classification	Determines if Class I or II is appropriate	General controls	Special controls + General controls	New classification request (risk-based)
Approval Pathway	FDA provides non-binding feedback on classification & pathway options	Exempt from 510(k) premarket notification	Requires 510(k) submission to demonstrate substantial equivalence	Establishes a new Class II category
Claims Allowed	FDA advises on acceptable claims under each pathway	Limited to general support, comfort, and mild compression	Can claim POH management with supporting clinical evidence	Can establish POH treatment claims if successful
Market Entry Speed	Adds 75-90 days upfront for FDA feedback	Fastest (self-registration and listing)	Moderate (510(k) review required)	Slowest (De Novo review takes longer)
Regulatory Risk	Reduces uncertainty before committing to a pathway	Potential FDA pushback if seen as an active medical device	Moderate – requires predicate & performance data	High – subject to full FDA review for classification
Clinical Data Requirements	FDA provides feedback on testing expectations for each pathway	Minimal (safety, basic performance)	Bench testing, biocompatibility, some clinical data	Full clinical validation required
Target Market	FDA clarifies claim limitations for each pathway	OTC consumer, wellness, general support	Medical professionals, hospitals, POH specialists	Medical professionals, hospitals, POH specialists
Annual FDA Registration Fee (FY 2025)	\$9,280 (required for all pathways)	\$9,280	\$9,280	\$9,280
Other FDA Fees (FY 2025)	No fee for Q-Submission	N/A	510(k) Standard: \$24,335 / Small Business: \$6,084	De Novo Standard: \$162,235 / Small Business: \$40,559
Timelines	75-90 days for FDA feedback	1-2 months (self-registration, labeling review)	~90 days for 510(k) review (can be longer if additional info is requested)	~150+ days (longer review due to classification process)
Post-Market Requirements	FDA guidance on compliance expectations	General controls (labeling, recordkeeping)	General + special controls (post-market surveillance, adherence to performance standards)	Same as Class II once approved, with post-market requirements
Q-Submission Consideration	Recommended first step to assess pathway	Optional; can seek FDA feedback on classification and intended use	Recommended; obtain FDA input on testing protocols, clinical study design, and predicate selection	Highly recommended; discuss risk classification, necessary evidence, and submission strategy

Clinical Partnerships

Academic medical
centers/ Physicians/
Providers recommend
Uplift

Direct-to-Consumer

- Online POTS groups and word of mouth
- Patient advocacy groups
- Paid Search (SEO)

