

AI & 3D Printing has arrived for Gynecology

Pelvic floor disorders are common

1 IN 4 ADULT WOMEN



1 IN 2 WOMEN BY 80

WHICH LEADS TO



PELVIC ORGAN PROLAPSE



URINARY & FECAL INCONTINENCE

1970s to now: state-of-the-art pessary fitting for prolapse

'SUBJECTIVE' ASSESSMENT



OFF-THE-SHELF PESSARY



Trial and error leads to:

- 30% fitting failure¹
- 50% drop rate²
- 56% complication rate³

“The fitting process and the design of pessaries is not effective.” – Urogynecologist, USA



Clinician

100+ Interviewed

- ▼ Lacks accurate measurements
- ▼ Training & labor intensive
- ▼ Inventory issues & unprofitable



Patients

300+ Surveyed

- ▼ Painful fitting & lacks performance
- ▼ Education & resource quality issues
- ▼ Isolated & difficult to track progress

Introducing Gynethotics™

The world's first digital gynecology platform



Winners of:

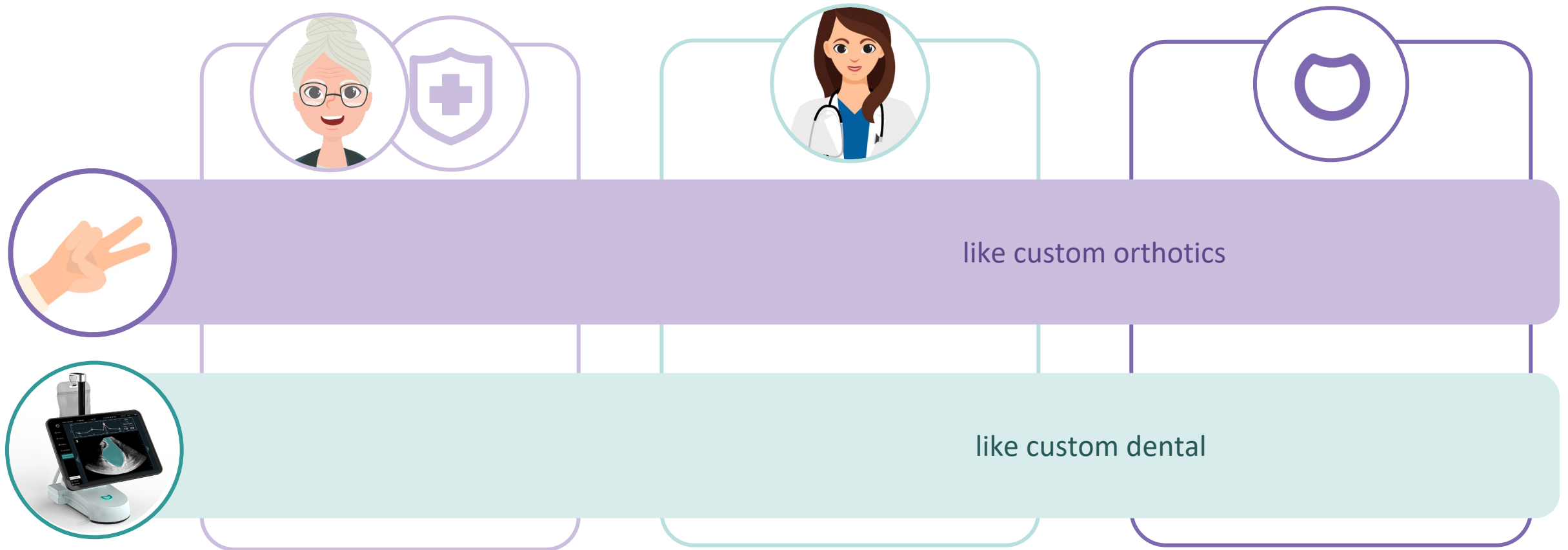


- 4 patents secured
- 3 clinical studies complete
- 8+ country clinical community
- Investors include VCs, physicians, and industry




A revenue share model optimizing quality and collaboration

Private Insurance Health Spending Account (HSA) coverage confirmed



Billion-Dollar Custom Medtech Markets


ORTHOTICS
(\$5B)


DENTAL
(\$35B)


AUDIOLOGY
(\$10B)

Digital Gynecology Platform for AI and 3D Printing

DIAGNOSTICS



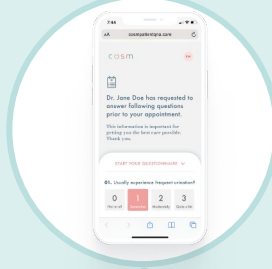
AI & CLOUD SW



ADDITIVE MFG



DIGITAL HEALTH



Personalization leading to:

- Increased Fitting Success
- Higher Patient Compliance
- Lower Complications



Clinician

- ▲ Profitability
- ▲ Patient outcomes
- ▲ Efficiency & disease management



Patients

- ▲ Comfort & support
- ▼ Complications
- ▼ Lifestyle impact

US Health Economics model demonstrating
\$1320 / patient in cost savings vs pessaries

Demonstrated benefit of Gynethotics over pessaries

OPEN

Patient-Specific Pessaries for Pelvic Organ Prolapse Using Three-Dimensional Printing: A Pilot Study

ORIGINAL RESEARCH

Patient-Specific Pessaries for POP

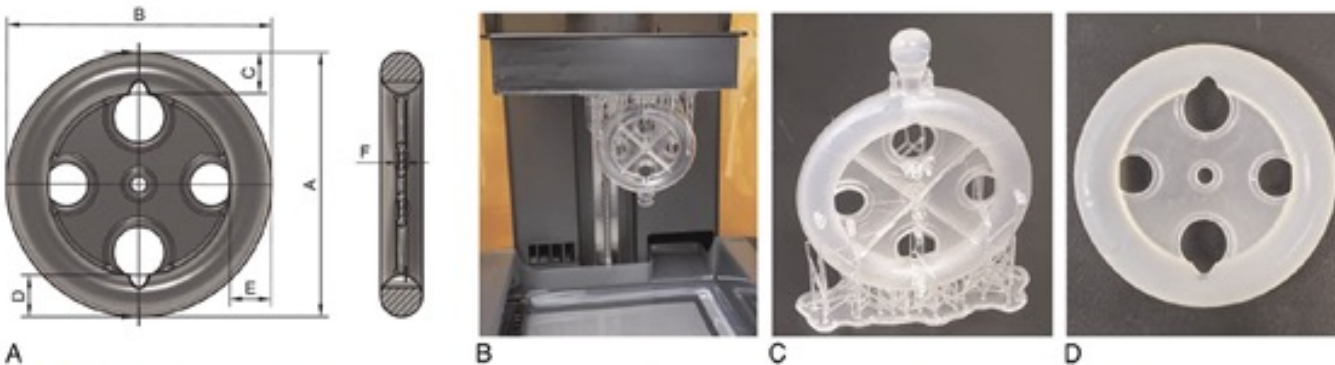
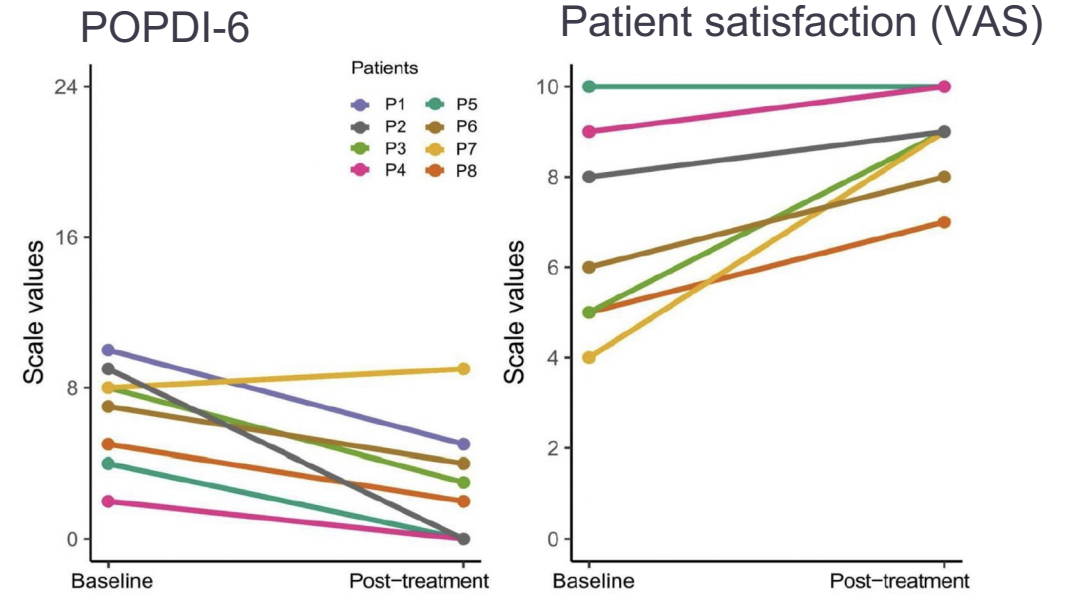


FIGURE 1. Sequential steps in patient-specific pessary fabrication. (A), A three-dimensional (3D) computer-aided (CAD) design model of a ring with support (used as an example here) is created. Labels A–F in the CAD design correspond to pessary dimensions that can be independently customized. (B), A cocoon mold is 3D printed based on the CAD model. (C), The mold is injected with medical-grade liquid silicone rubber and cured. (D), The mold is removed, revealing the patient-specific pessary.



A New Dimension in Pessary Care

Cassandra Kisby, MD, MS

From the Division of Urogynecology, Department of Ob/Gyn, Duke Hospital, Durham, NC.

Urogynecology 2023;00:00–00

“Gynecologists have been slow adopters of innovation”

“Why mess with something that isn’t broken? I would argue we should challenge it. **We deserve great tools.”**

“Seek multidisciplinary guidance (eg. experts in material science, engineering, pharmacogenetics). Be Thoughtful. Be Impactful. **The future of urogynecology is bright.”**

Experienced & passionate team, advisors & KOLs



Derek Sham,
BEng, MBA
Founder & CEO



Aye Nyein San,
MAsc
Head of Technology
& Operations



Goli Ameri,
PhD
Head of Research



**Anne-Marie
Milcent, MS**
Head of Product



Linda Wu,
MSc, CCRP
Head of Clinical,
Regulatory & Quality

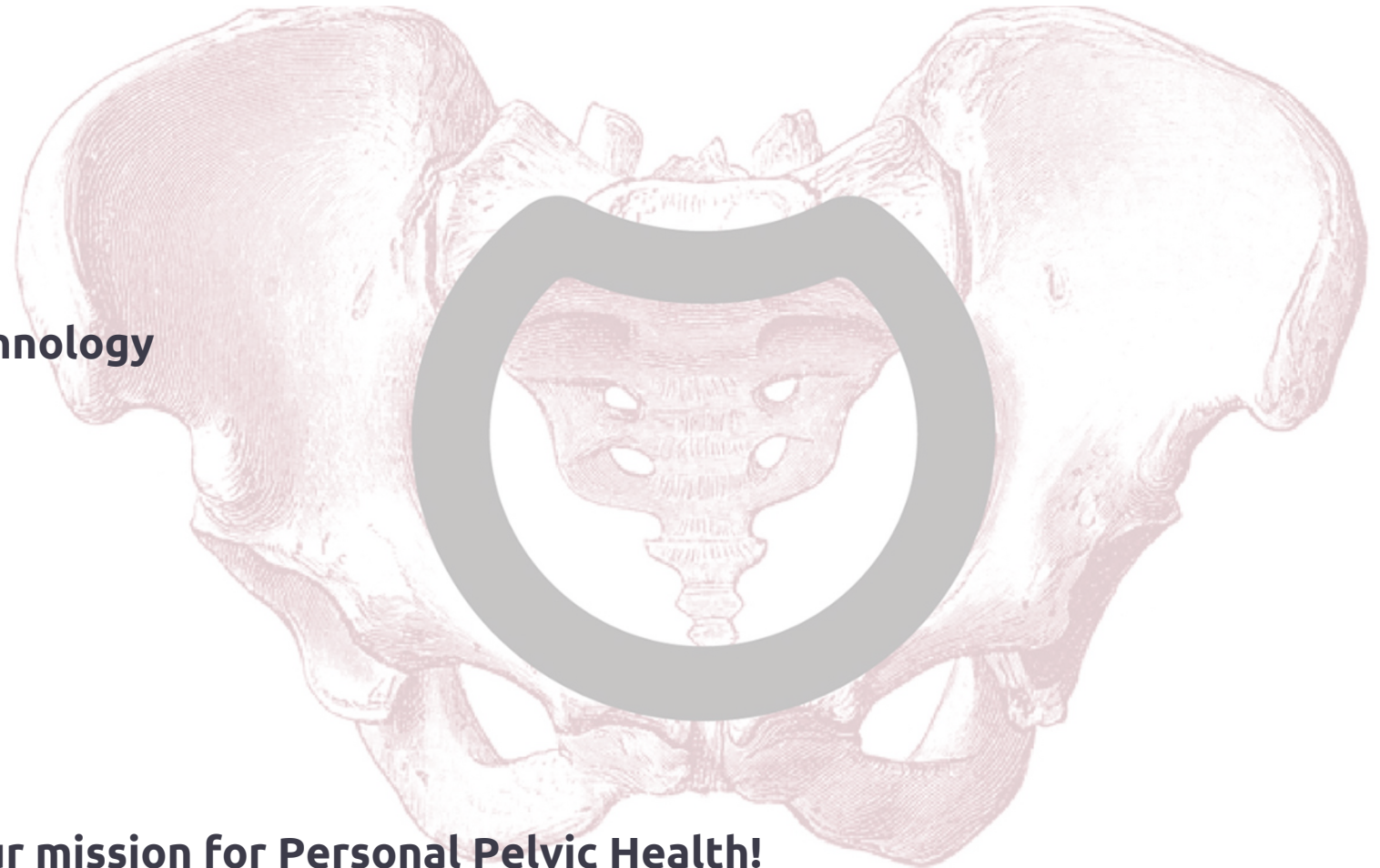


Purvish Soni
Head of Engineering



- 3 Clinician team members: 2 Urogynecologists + 1 PT
- KOLs: US (4), Canada (2), South America (1)





Massive Market w/ Favorable Winds

Demonstrated Benefit w/ World-Class Technology

Clear Path to Market & Beyond

Experienced Team & Expanding Network

Join us on our mission for Personal Pelvic Health!
