



# LIDAVEX INC.

Photonic Precision Supporting Childbirth

Kamola Mir  
Founder, CEO



(917) 201-0666



kamola@lidavex.com



lidavex.com



# The clinical exam is outdated

## We're Still Measuring Labor Progress the Same Way They Did 2,000 Years Ago

**~48%**

**Accuracy Rate**

Wrong interventions &  
C-Sections

**5.3%**

**Increased Sepsis risk**

Endangers mothers and  
babies

**\$5.8B**

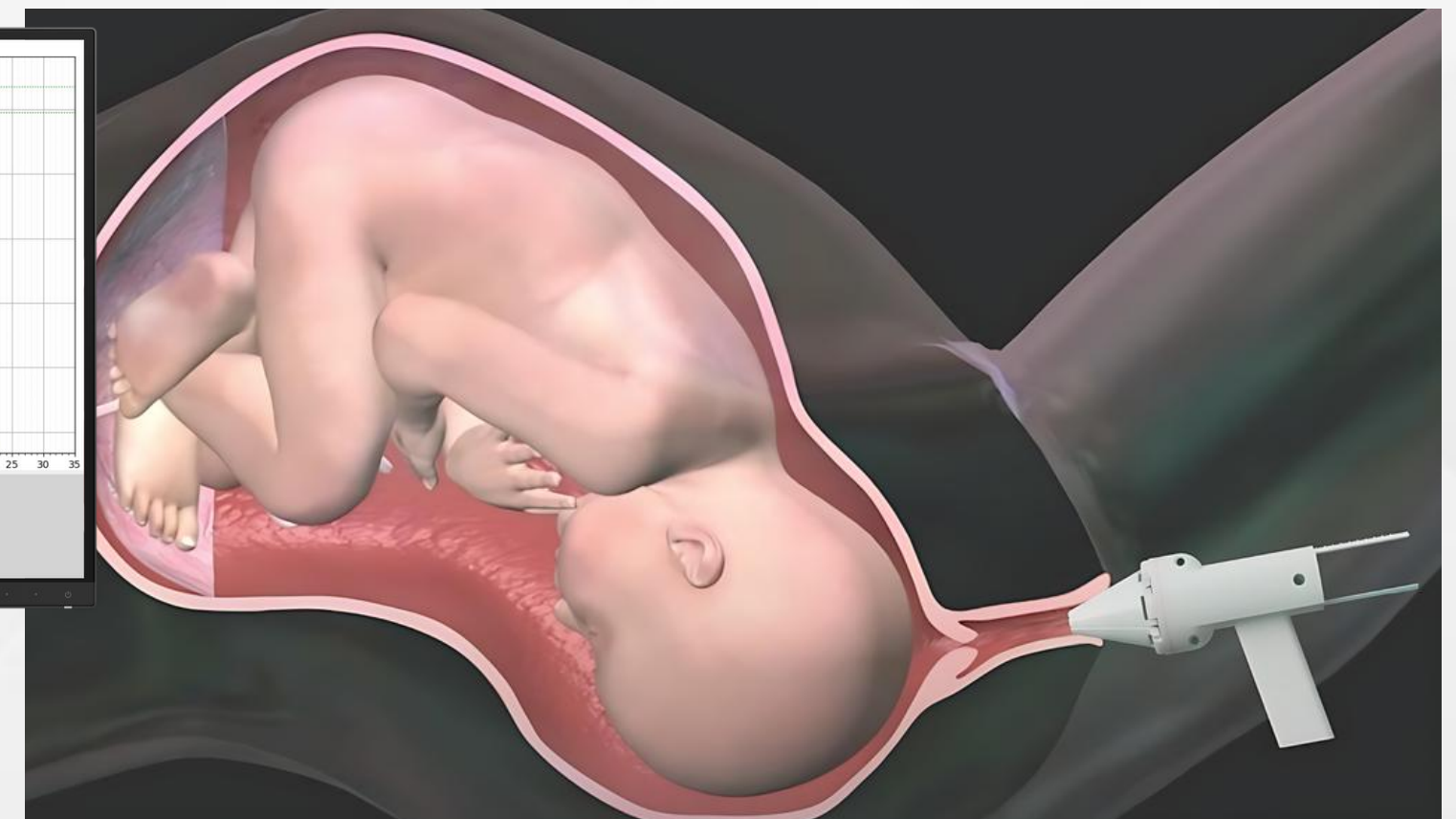
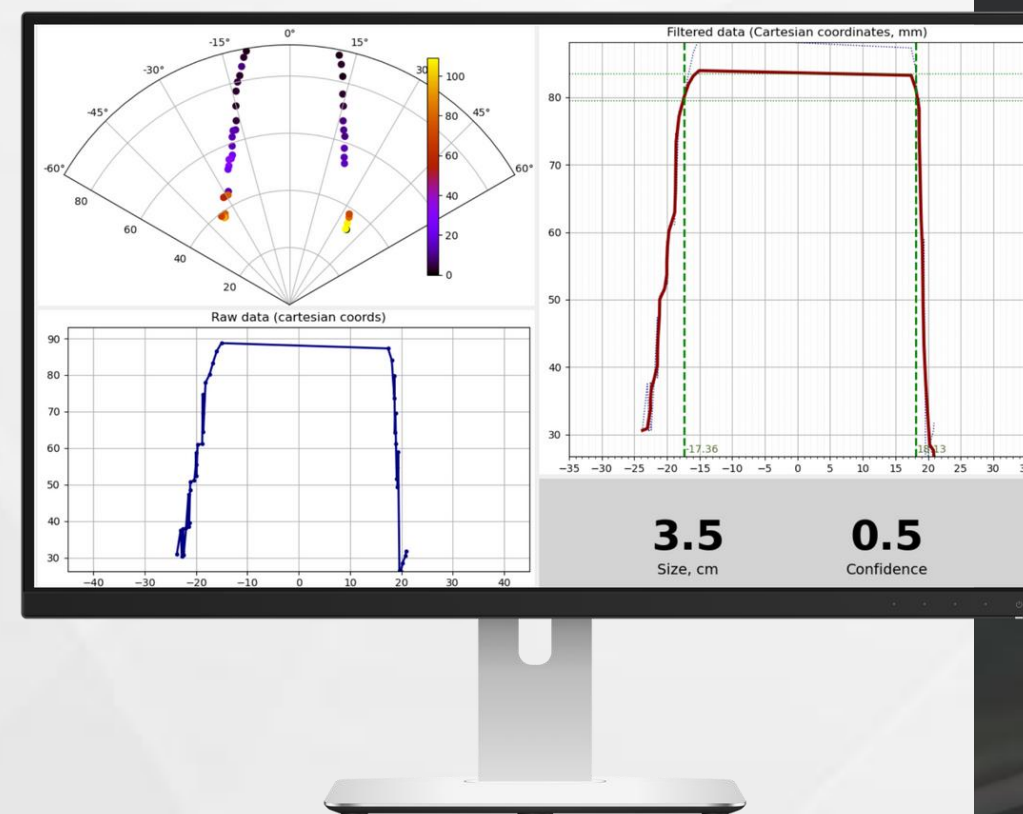
**Annual Burden**

From incorrect monitoring

## Precision Monitoring via LiDAR

	Clinical Need	Manual Exam	CerviLite
Resolution	< 10 mm	15 mm	1 mm
Reproducibility	> 95%	50%	99%

First and only LiDAR-based cervical monitoring system, compatible with high risk pregnancies





## Data-driven Ecosystem



### B2B Device

- Increased accuracy
- Solution for high-risk patients
- Potential reduction of morbidity
- LiDAR Licensing



### Cervical Database

- The world’s most accurate cervical library
- Government health ministry partnerships
- Multi-language EMR integration



### B2C device & AI integration

- Reliable at-home dilation checks
- Labor Support App
- New “Baby Shower” Standard
- AI-enabled personalized labor outcome forecast



# Clear market opportunity

**TAM**

**\$25.2B**

Global Childbirths

**SAM**

**\$3.5B**

PPROM

**SOM**

**\$84.24M**

US PPROM

## Beyond Birth Applications

**\$39.9B**

**Fertility**

**\$9.2B**

**Cervical  
Cancer**

**\$18.6B**

**Menopause  
Care**

# Recurring Revenue Business Model

## B2B Hardware

- **\$2000** bundle:
  - **100 tips** (COGS \$2)
  - 1 device (COGS \$80)
- **\$20 per use**
- Target: Hospitals, OB-GYN clinics, ERs, EMTs

**86% margin**



## B2B SaaS



- Access to the most accurate data (monetization potential)
- AI femtech companies, insurance, hospitals

## B2C Expansion

- **\$150 kits** (COGS \$84)
- At-home dilation checks
- AI-integrated app subscription
- New "Baby Shower List" standard



# Competitive Advantage: Simple, Affordable, Reliable

Solution	Technology	Dilation Monitoring	Effacement Measurement	PPROM Compatible	Remote Monitoring	Infection Risk	Cost per Use
CURRENT STANDARD							
Digital Vaginal Exam (DVE)	Manual	✓	✓	✗	✗	High	\$20.54 or DRG
EMERGING SOLUTIONS							
 LIDAVEX <small>PRO FEMINA. PRO POSTERIS.</small>	LiDAR	✓	✓	✓	✓	Low	\$20
CICONIA MEDICAL	AI Camera	✓	✗	Pending	✓	Low	\$25 + \$3000 device cost
MATRIX HEALTH & CARE	AI Camera	✓	✗	Pending	Pending	Low	TBD
 Monito	AI Camera	✓	✗	Pending	✓	Low	TBD

# Team with Medtech Expertise



**Kamola Mir**

**CEO & Founder**

OBGYN nurse, biotech (White House eDNA), UN Women



**Dr Simon Lin**

**CTO**

CIO at Nationwide Children's Hospital, Pediatric MD, MBA



**Adrien Smith**

**Marketing Director**

Global Marketing Director, Edwards Lifesciences



**Anthony Aliberto**

**Chief Engineer**

30+ years in Medical Devices, invented inflatable speculums



**Britt Kemp**

**Director of BD and Strategic Ops**

Led \$15B Micron project securing billions in CHIPS Act funding



# Board of Directors and Advisors



**Bill Colone**

**Board Director**

6X Medtech Exits, CEO Single Pass



**Hannah Friend**

**Board Director**

BD Single Pass, Commercialized in 50 states and 20 countries



**Dr Karen Hsu**

**Clinical Advisor**

OBGYN MD at Providence, fellowships in Peru and Libya



**Dr M. Challenor**

**Technology Advisor**

Co-founder at VitalTrace, Medtech Consultant



**Justine Lassoff**

**Business Advisor**

2X Exits, President of Stanford Angels & Entrepreneurs of SoCal.



**Dr Stan Glezer**

**Securities Advisor**

Outcome Capital, Sanofi, 20+ years in medtech



# Traction with under \$60k (High Cash Efficiency)



Strong Patent Portfolio

Proof of Concept in Animal Studies completed

FDA q-sub  
completed

Clinical Partnership:

**hoag**

+ 2 more  
pending

2 acquisition approaches in the first year

Strategic Partnerships:



**J.P.Morgan**

**DuaneMorris**

STANFORD  
MUSSALLEM CENTER FOR  
**BIODESIGN**



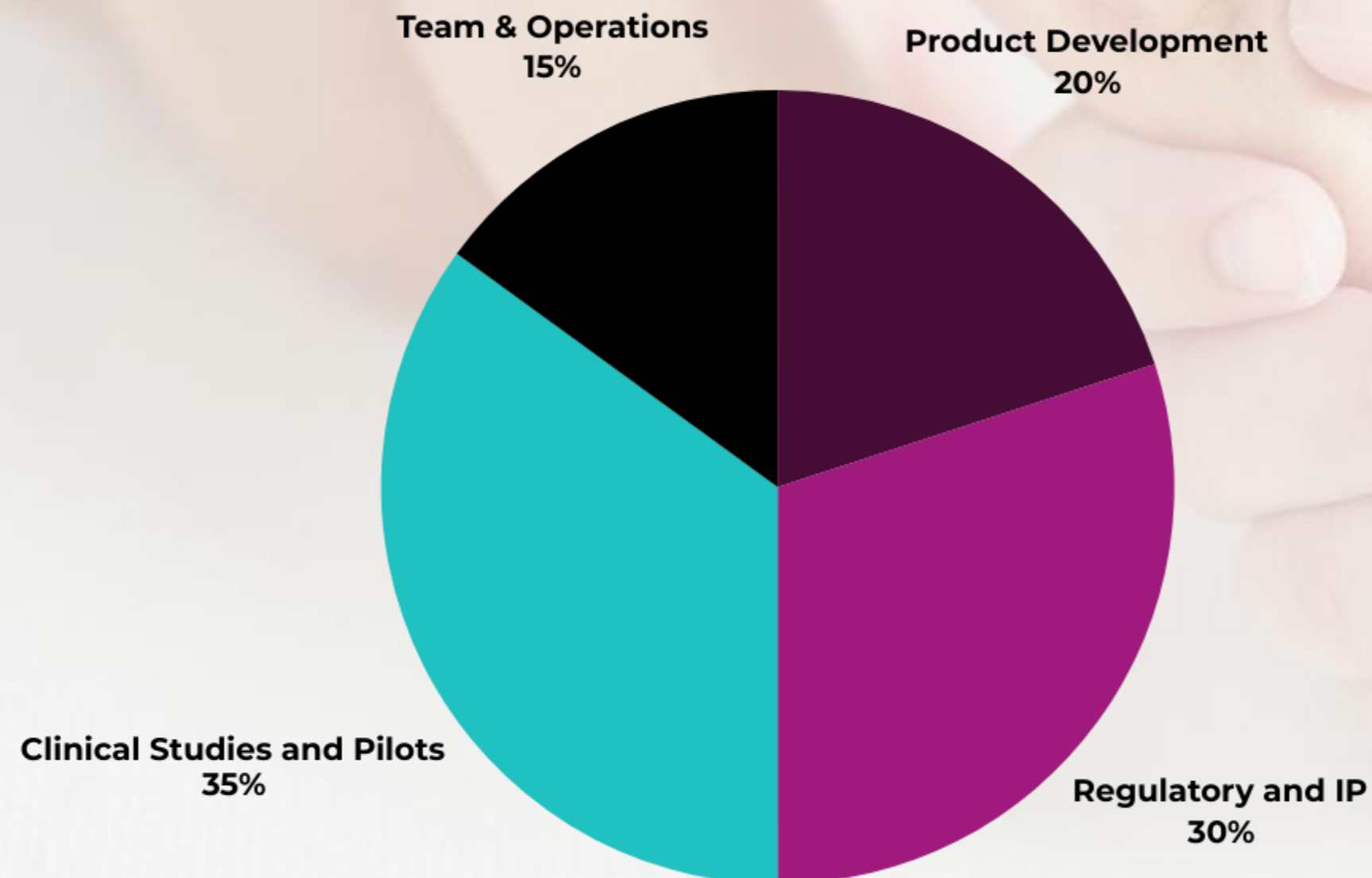
Ministry of Innovative  
Development of the  
Republic of Uzbekistan



Stanford Angels & Entrepreneurs  
of Southern California

# THE ASK:

- Seed Round \$1.5M (SAFE or Convertible)**
- Strategic Partnerships**
- Hospital Admin Introductions**



## Round Milestones (18m runway):

- 1. R&D:** Clinical-Grade Device Manufacturing
- 2. Clinical Studies:** Complete clinical evidence package for FDA
- 3. FDA Submission:** De Novo submission filed and under review
- 4. Pilots Launch:** Proven business model with pilot hospitals





# Thank you

## Join us to build the future of

Kamola Mir  
Founder, CEO



(917) 201-0666



kamola@lidavex.com



lidavex.com



Irvine, California