











# LEADING THE DIGITAL TRANSFORMATION OF MATERNITY CARE



















Investor Presentation
HeraMED Limited (ASX:HMD)

April 2022

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### **Ongoing** Pregnancy Challenges





#### **Doctors/Providers**

Shortage of fundamental services

Lack of time and attention

Low reliability of analysis

Episodic, Reactive, not connected

Pregnancy complications and bad outcomes



#### **Expectant Mothers**

14+ clinical sessions per pregnancy (Low-risk)

Loss of time away from work / home

Personal anxiety and stress

Lack of continuous support

Mother and infant mortality rates are rising

### Cost of maternity complications\*



Opportunity to reduce costs and improve maternity care and outcomes

#### US\$111bn US Maternal Healthcare Market









**PP Depression** 

US\$14bn

**Preeclampsia** 

**US\$2.2bn** 

**C-section** 

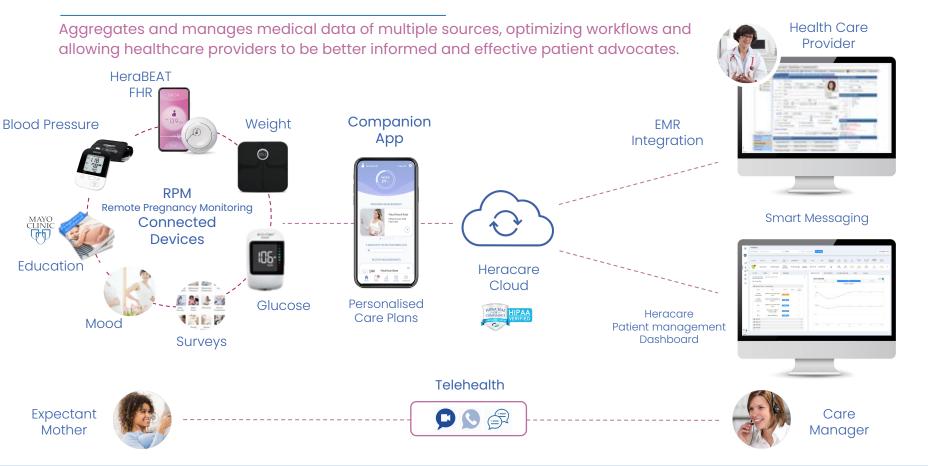
US\$9bn

**Preterm Birth** 

US\$26bn

### HeraCARE A New Era of Connected Maternity Care - Watch the video ->





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### HeraCARE's Core Value Proposition



### Delivers value in three key categories







#### **Increased Satisfaction**

Reassurance and peace of mind

Exceptional convenience

Continuous professional support

Empowerment

#### **Better Outcomes**

Early detection of complications

Stress and depression reduction

Adherence to guidelines

Patient centric proactive care

#### **Cost Reduction**

Reduction of clinic visits

Optimised virtual visits

Reduction in complication costs

Reduction of pregnancy related absence from work





















#### **Smart Detection**

Detects fetal and maternal heart rate.



#### **Guided Search**

Easy to follow, step-by-step guidance

142 BPM



#### **Reliable & Shareable Data**

Medical-grade data accuracy



>400,000 Fetal Heart Rate Measurements

AND COUNTING

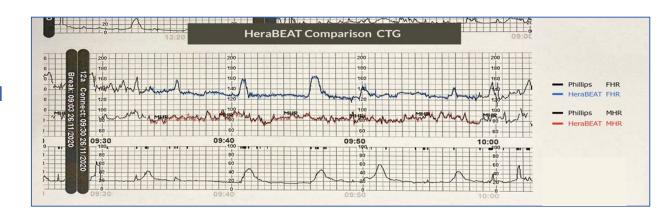
### HeraBEAT a hospital grade standard



#### Peer reviewed Independent clinical trial at JHC shows outstanding results

Comparison between the HeraBEAT and the industry gold standard

Medical Grade Accuracy Validated ± 1 bpm





100%

Detection of Fetal Heart Beat without Assistance



96-100%

Satisfaction of reliability, usability Accuracy compared to industry and user experience cold standard CTG Machine



Excellent

Results Featured in Globally Recognized Scientific Journal

'Obstetrics & Gynecology'

Original Research
Accuracy, Clinical Utility, and Usability of a Wireless Self-Guided Fetal Heart Rate Monitor

Read the full report ->



\*Full NST available worldwide, not yet available in the US

### HeraBEAT Low And High Risk Fetal Monitoring







Low risk
Fetal HR Auscultation (1-5min)

High risk
NST - Non Stress Test (20-30 min)

### **Adoption** By Medical Leaders Around The World





### **Australia** Success Story









HeraCARE was implemented as the new standard of care in JHC (part of Ramsay Health Care).

### Scalable and repeatable model



Dr. Paul Porter M.D.

"The HeraBEAT device is accurate and easy to use by clinicians in the hospital and expectant mothers at home. The fetal heart rate data obtained at home is equivalent to that obtained in the antenatal clinic using current assessment protocols for low-risk pregnancies and allows for the device to be used in telehealth consultations"



Clinical **Trial** 



**Paid Pilot** 

100 Licenses / 6 Months

KPIS set and proven



Commercial **Agreement** 

1200 Licenses / 1st Year

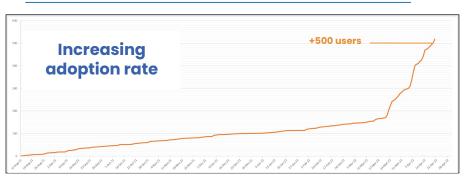
Results published in leading scientific iournal

86 expectant mothers

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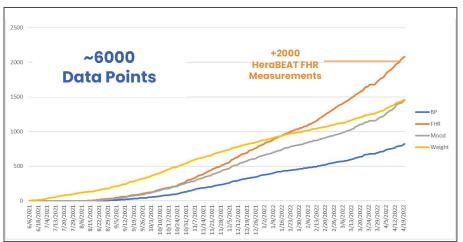
### HeraCARE @JHC increased adoption rate







Over 500 HeraCARE users so far increasing at a pace of ~70 week



# Dr Cliff Neppe - Head of OB at JHC:

Over the past 18 months, we have shown that a novel, maternally administered fetal heart rate monitor (FHRM) has accuracy and safety equivalent to gold-standard clinic-based cardiotocography.

In 2022 we are looking to shake up the standard schedule of maternity care to Connected Maternity Care.

Connected Maternity Care will be implemented from 2022 to 2024, enrolling 7,500 women attending the Joondalup Health Campus antenatal clinic.

### **USA** Success Story

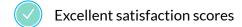


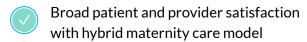




HeraCARE was implemented to power Virtual OB as the new model of care in two sites under the Pediatrix Medical Group: San Jose & Atlanta

### Significant Pilot findings





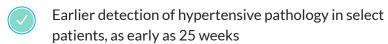
The reduction of office visits while providing the same or superior-level care



## Dr Pandipati - Clinical Lead for virtual OB Program:

"We have seen **incredible patient AND provider satisfaction** ratings through the pilot, including extra high marks from providers in the patient safety category, we're really proud and excited about that.

Early indicators of pregnancy complications can potentially lead to significant improvement in the wellbeing of the baby and mother, and lead to improved health outcomes and possible reductions to overall cost of care."



Early indicators can potentially lead to improved health outcomes and possible reductions to overall cost of care

patients in the Virtual OB Program captured more than 2.5 times vital measurements

#### **HeraCARE** Cost Effectiveness



#### Optimising hospital and medical staff time

HeraCARE > 10-15 min VS Traditional > 45-60 Min

HeraCARE > 6-8 visits VS Traditional > 14 Visits (Low risk)

HeraCARE Total > 448 Min VS Traditional > 840 Min

#### Reduction of up to 47% in staff time



#### HeraCARE cost reduction for preterm births (Over 10% of pregnancies)

Preterm birth costs are estimated at US \$75K per birth

Based on extensive clinical research analysis, telehealth and remote patient monitoring result in lower preterm birth rates (33%-71%)\*

HeraCARE enables early detection of complications ->

Thus by assuming conservative estimation - HeraCARE can potentially **reduce 20%** 

Reduction ~US\$1400 per pregnancy\*\*



### **Diverse** Commercial Models



One-off
hardware
device sale
~U\$\$150-200

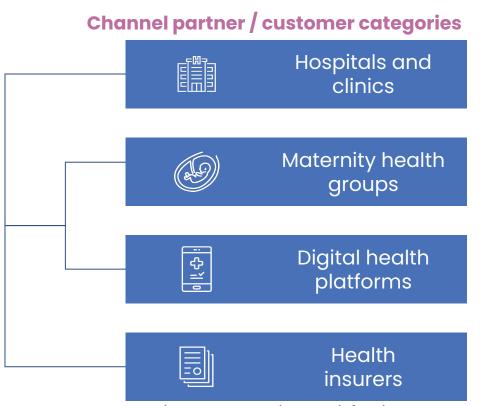
Monthly SaaS fee **~US\$39-59**per pregnant

woman

per month



B2B2C offering to leading groups with patient access



Desire greater patient satisfaction, better clinical outcomes and financial improvements

### **HeraMED** Value Proposition



#### End-to-end solution drives value for multiple stakeholders



#### **Expectant Mothers**

Empowerment Convenience Peace of Mind



#### **Clinical Staff**

Improved outcomes
Patient satisfaction
Reduced burden



#### Hospitals

Operational Efficiencies Customer Loyalty Innovation Identity



#### **Employers**

Employee experience Financial savings Enhanced employee health



#### **Insurance Companies**

Decreased cost
Proactive management
Member experience



#### Researchers

Richer data sets
Deeper engagement
New study methods

### Near-Term Company Catalysts



#### **Technological and Clinical Superiority**

HeraCARE and HeraBEAT redefining home-based maternity care, already proven technological and clinical superiority and have collaboration agreements with leading medical organisations.



### **Commercial Pilots and Clinical Trials**

Advanced stage pilots and trials with Mednax (US), Mayo Clinic (US), Sheba (Israel) and JHC (Australia) are expected to provide additional proof and support for the solution's cost-effectiveness and improved pregnancy outcomes.



#### **Clear Path for Commercialisation**

The recent commercial agreement with JHC (part of Ramsay Health Care) provides financial model validation and a pointer to commercial scalability.



### The HeraMED Opportunity



#### Well placed to deliver on significant opportunity in maternal telehealth globally



Proprietary platform using hardware and software



Developed by medical engineers and clinical experts



The only medical grade, clinically validated, digital maternity care platform



Patent pending protected hardware, software and algorithms



End-to-end solution drives value for all stakeholders



US\$111bn US maternal healthcare market



Commercial customers (JHC, Pediatrix)



Commercial discussions underway globally





### HeraMED Limited (ASX:HMD) David Groberman

CEO and Co-founder E: David@hera-med.com M: +972-52-6991188

#### **Pac Partners**

#### Tim Chapman

E: tchapman@pacpartners.com.au M: +61 4-1989-7062

#### **Investor Relations**

The Capital Network **Julia Maguire**E: julia@thecapitalnetwork.com.au

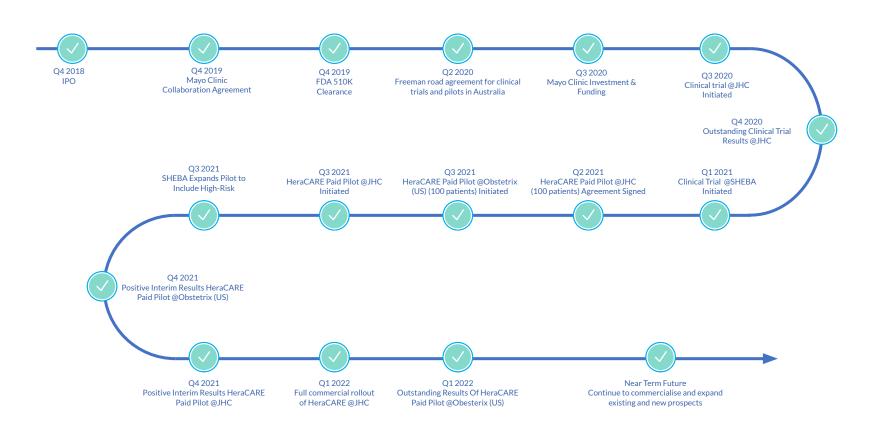
E: julia@thecapitalnetwork.com.au M: +61 2-8999-3699

HeraMED HQ 4 Hazoran St., 4250604 Netanya, Israel

HeraMED Ltd Suite 4, Level 16, 55 Clarence Street, Sydney, NSW 2000

### **Company** Milestones





### **Ukrainian** humanitarian support





#### in collaboration with Sheba





HeraMED donated devices and professional support for the use of HeraBEAT and HeraCARE in the field Hospital by Sheba in Ukraine



HeraMED Appears in TV coverage on Israeli Tech assisting the Ukrainian cause

### **Corporate** Overview

ASX code	HMD
Listing date	December 2018
GICS classification	Health Care Equipment & Services
Share price (24 April 2022)	\$0.15
Market Capitalisation (24 April 2022)	\$36.46m
Shares on issue	188.2m
Cash on hand (31 December 2021)	\$3.559m
Trading range (last 12 months)	\$0.10/\$0.335
Average daily volume	0.283m







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### **Board & Management**





Dr. Ron Weinberger Non-Executive Chairman Highly-experienced international business executive with strong scientific background Former Director, President and CEO of Nanosonics Ltd. (ASX: NAN), Mkt cap  $\sim$ \$2 billion CEO and MD of EMVision Ltd. ASX:EMV, Non-Exec Chairman of CleanSpace Technology Pty. Ltd



David Groberman CEO, Co-Founder and Executive Director

Serial Entrepreneur, Mechanical and Bio-medical expertise, 15 years' experience developing medical devices i Previously spent over 10 years as Co-Founder and CTO at Meytar R&D, Co-Founder Breathe.me, Co-Founder ADVA-Bio. B.Sc. Cum Laude TAU. Holds a B.Sc. cum laude in bio-mechanical engineering from TAU, Alumni IDF elite computer division



Sivan Sadan CFO 20 years of financial experience as Founder & CEO of Or Capital, a financial advisory firm Ex-MD at Tamir Fishman and Partner at TF Ventures, and ex-Board member at Poalim IBI underwriting Holds a BA in economics and management and an MBA in finance from TAU



Tal Slonim
Co-Founder and
Executive Director

16 years' experience managing medical device development, manufacturing and deployment CEO of Meytar R&D - one of Israel's top R&D engineering services consultancy. Holds a B.Sc. cum laude in mechanical engineering from BGU and MBA from BIU



David Hinton Non-Executive Director

Senior company executive, with vast experience in the communication and IT sector CFO of Empired Limited (ASX:EPD), ex-CFO of Amcom involved in a \$1.6 Billion merger with Vocus Holds a Bachelor of Business and is a qualified Accountant



Doron Birger Non-Executive Director

Distinguished leader in Israeli MedTech as ex-chairman of Given Imaging (Nasdaq/TASE: GIVN) (acquired by Medtronic for ~\$US1 Billion) and ex-president & CEO of Elron (Nasdaq/TASE: ELRNF) BA and MA in economics from the Hebrew University