

Die Bestimmung der fruchtbaren Phase der Frau rein über den Atem. Das weltweit erste Atemluftanalysegerät zum Home-Monitoring für den Kinderwunsch und zur natürlichen Zykluskontrolle:



Lisa Krapinger

**70% of women don't track
their menstrual flow**

**50% don't know what
ovulation is**

**1 in 4 couples wait over 1
year to conceive**





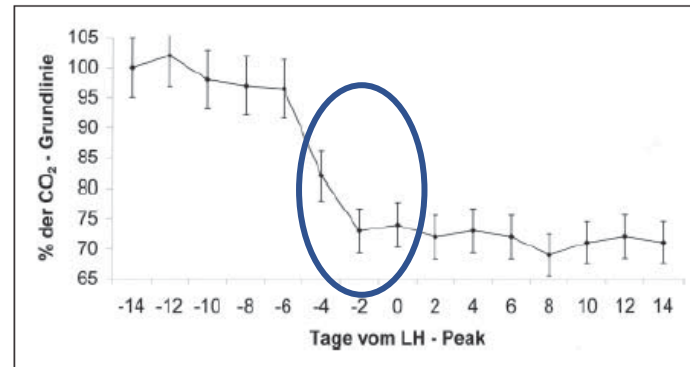
THE EASIEST WAY OF CYCLE TRACKING



60 seconds usage



Data is transferred
via Bluetooth



pCO₂ measured



fertility status
displayed

CO₂ DECREASES DURING THE FERTILE DAYS

Researched by CO-Founder



Professor Dr. Wildt

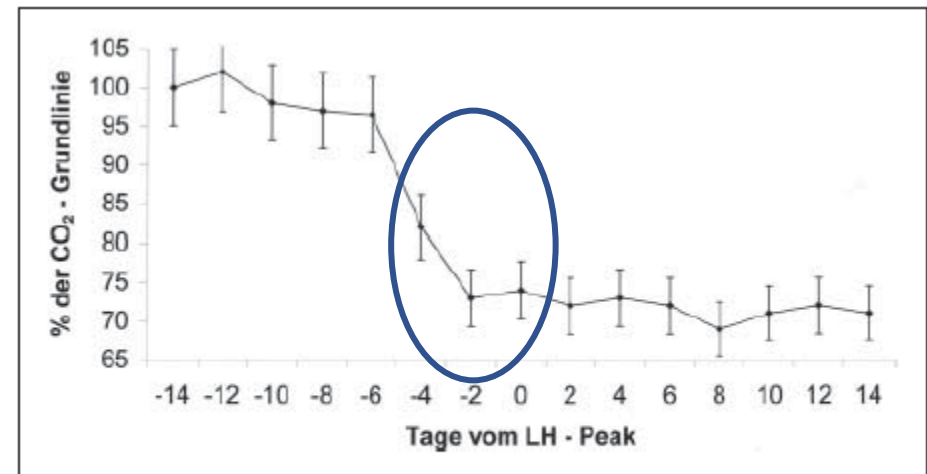
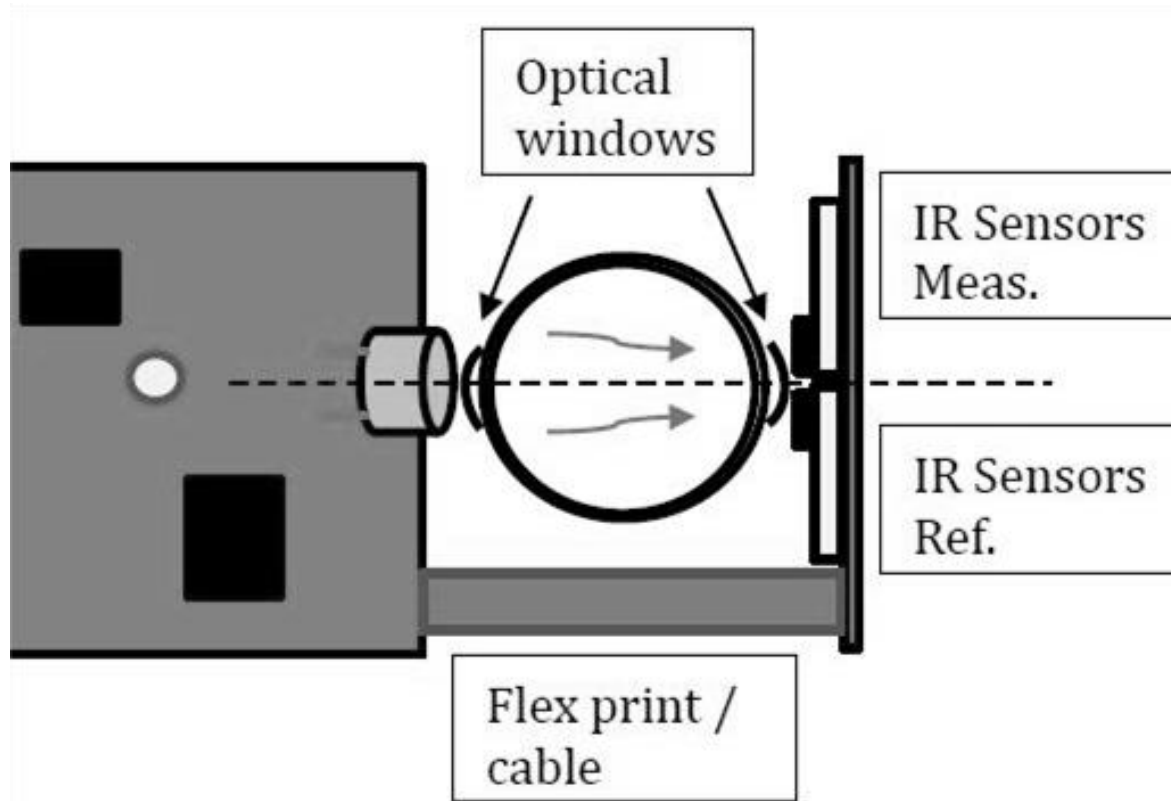


Abbildung 4: Periovulatorische Veränderung des etpCO₂ in 100 ovulatorischen Zyklen; gut zu erkennen sind der biphasische Verlauf und der präovulatorische Abfall des pCO₂.



breathe ilo

CARBOMED BREATH TECHNOLOGY



- 5 years of R&D work
- Rethink design of CO₂ breath analyser
- Gold standard performance
20x CHEAPER

IP Strategy & Competitive Advantage

Several steps have been taken to protect the IP of Carbomed

Execution of FTO Analysis

2009

Patent Submission in US and EU:

*"DEVICE AND METHOD
FOR DETERMINING A
FERTILE PHASE OF A
WOMAN BY
ASCERTAINING
A CO₂ PARTIAL
PRESSURE IN A
RESPIRATORY GAS OF
THE WOMAN"*

2010-2011



Patents Granted

- further
nationaliza-
tion in EU in 2019:



2017-2019

Protection:

- Protection via core patents
US9392997 B2 & EP 2598025 B1
- Competitive advantage: several
years of experience, over 4€ Mio
R&D invested, optimized supply
chain

Protection till 2031



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THE ADVANTAGE OF breathe ilo



Simple Usage

- 60 seconds
- Unaffected by external factors*



Earliest Detection

- Fertility detection before ovulation
- 5 fertile days detected



Qualitatively Sustainable

- No daily waste

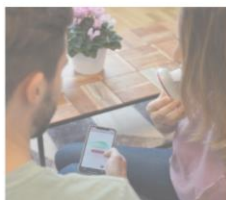
*The exception is the intake of carbonic acids within 15 minutes before testing



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breathe ilo Cycletracking App



**Buy or Rent?**

Buy



A CUSTOMER CENTERED BUSINESS MODEL

279€
One Off breathe ilo

or

29,90€/month
Monthly Rate
for Rentals



via. Online Shop



via.
Professionals

+ Insurance Group **MerckBKK** covers 85%.



breathe ilo



**Several
thousand**
user



**Every 3rd
pregnant**
within 3 months



>81% Are
very satisfied
or satisfied



85% Coverage
by first insurance
company



538% Revenue
growth Q4.19 to Q1.21



>70%
Export



50%
female work force



3 Accelerator
programms
absolved

PRESS IS HIGHLY INTERESTED IN OUR INNOVATIVE PRODUCT



FUTURE OUTLOOK



2020

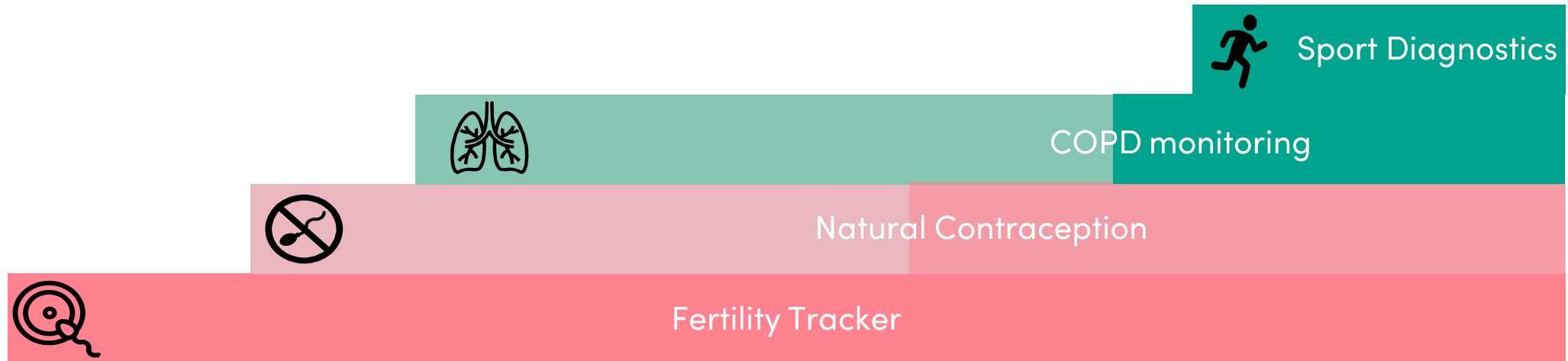
2021

2022

2023

2024

2025



→ Same Technology
→ Similar Technology

□ In Preparation
□ Launched Product



OVER 20 HIGHLY SKILLED PEOPLE DRIVE OUR SUCCESS ON A DAILY BASIS

Our core **team of 15 highly skilled women and men** has deep experience in



**Data
Science**



**Software
Development**



**Business Dev. &
Marketing**


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CARBOMED DECISION MAKERS

Management



Bastian Rüther
CEO



Horst Rüther
Co-Founder & CTO



Lisa Krapinger,
CMO



Christian Neubauer,
Head of R&D



Antonia Frizberg,
Head of BD & SCM



Advisory Board



Dr. Kay Moeller
Clinical Director and
founder of the Fertility
Center Potsdam



Dr. Ciara O'Dwyer,
PHD
Medical Advisor at
Pfizer specialized in
respiratory medical
affairs



**Prof. Dr. Ludwig
Wildt**
Former Director of
Reproductive
Medicine at the
University Clinic
Innsbruck



Ing. Peter Gutschi
Co-Founder V
Combinator
Former Managing
Director Flextronics
International



Markus Jandrinitich, MSc.
Represents the AWS
Gründerfonds with a strong
background in finance and
accounting.



Dominik Paul
Managing Director at Peak
Pride Management GmbH,
specialized in startup and real
estate investments.



Dr. Gregor Schinko
Administrative board at
Corimas AG and supervisory
board of Neuroth AG and KA
Finanz AG.





**We bring cycle tracking in the 21st century &
taking action in closing the gender data gap!**

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