



Medicus Mundi
Switzerland



SRHR In the Digital Age

Tackling Threats and Seizing Opportunities

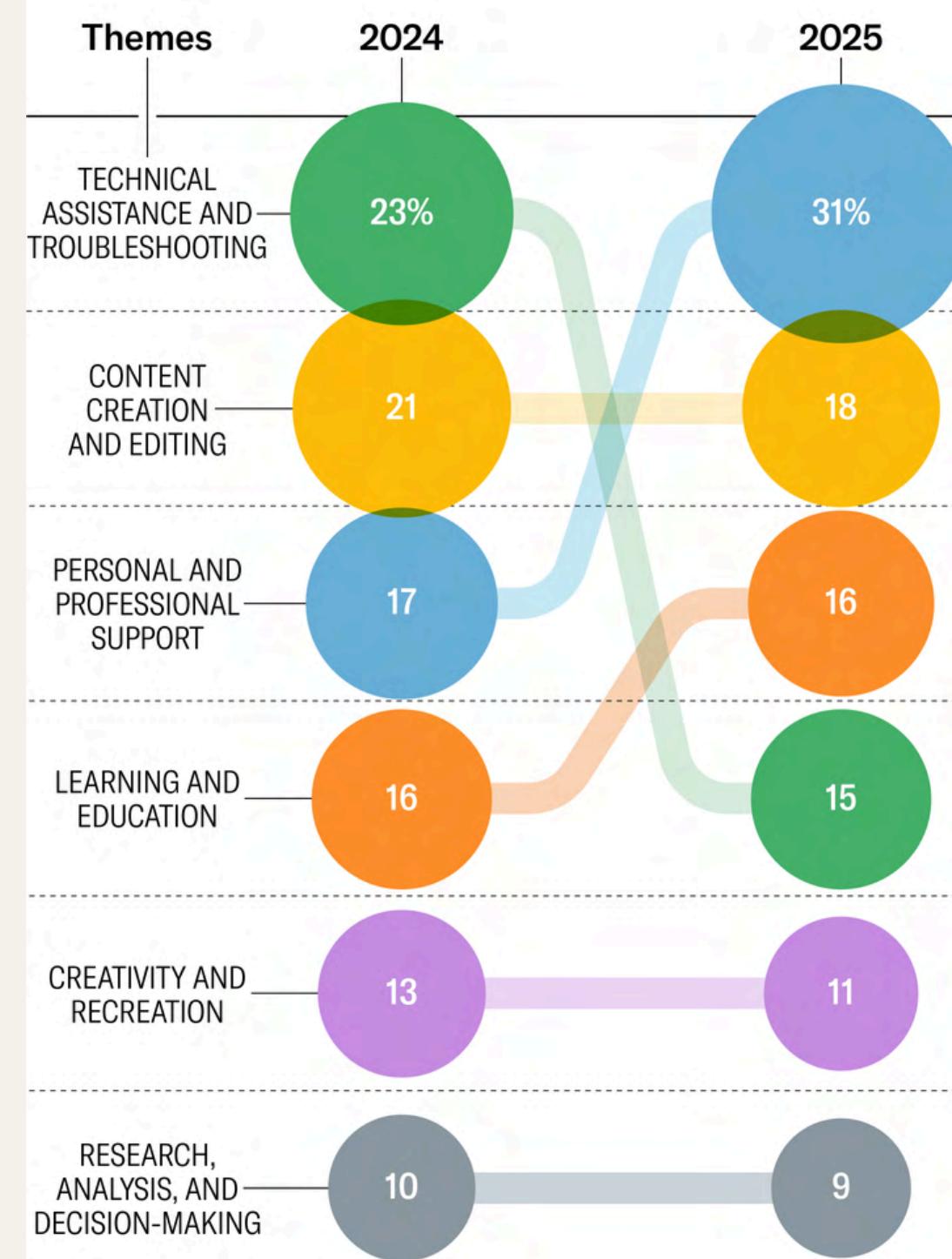
How are we using GenAI?

(Harvard Business Review, 2025)



Major Gen AI Use Case Themes That Emerged

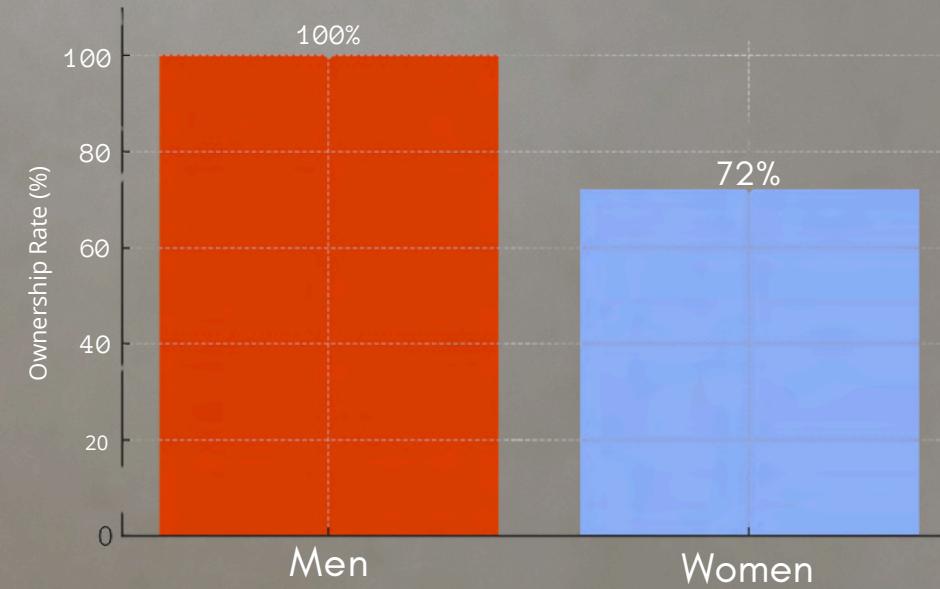
Use cases have shifted from technical to emotive over the past year.



Source: Filtered.com

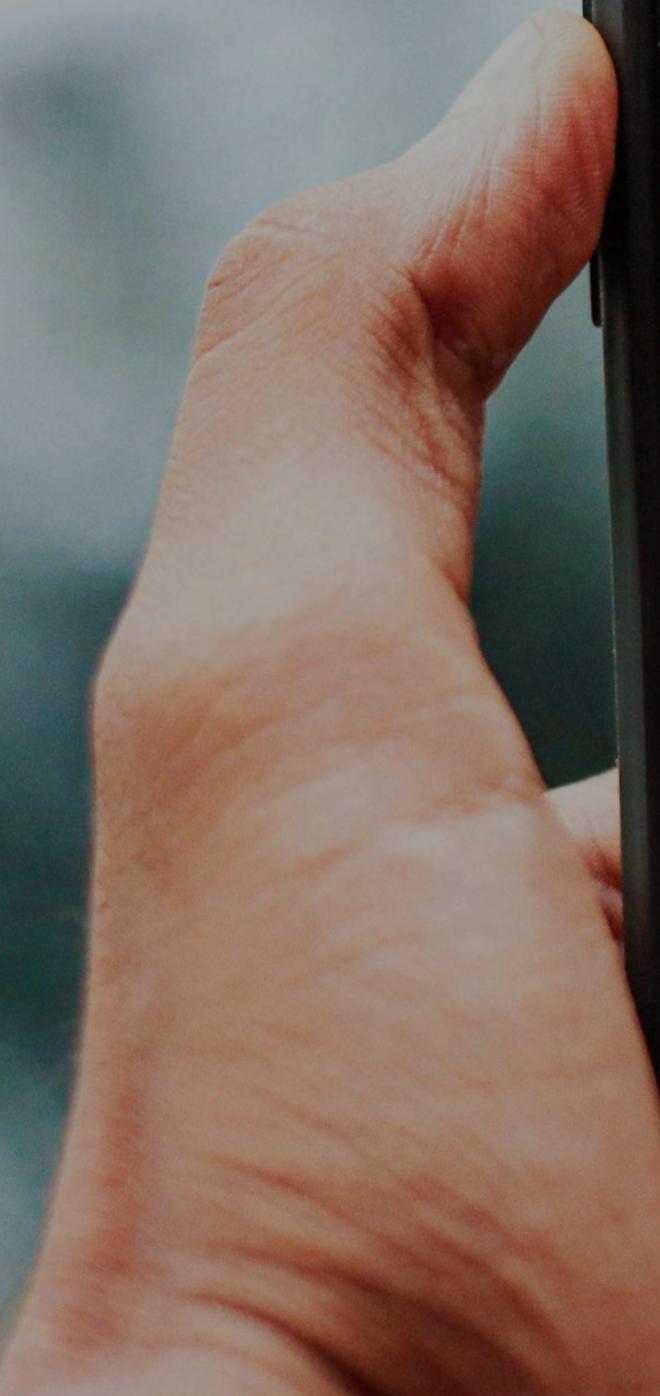
HBR

Smartphone Ownership in Sub-Saharan Africa by Gender (GSMA, 2023)



Meet Amina

“IN KENYA, A YOUNG WOMAN FOUND HER FIRST SAFE SPACE TO ASK ABOUT CONTRACEPTION... THROUGH AN AI CHATBOT. BUT HER ACCESS DEPENDS ON A SHARED FAMILY DESKTOP, NOT A SMARTPHONE.”



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openai.com/blog

OpenAI Menu

Introducing ChatGPT

We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for ChatGPT to answer followup questions, admit its mistakes, challenge incorrect premises, and reject inappropriate requests.

Try ChatGPT  Read about ChatGPT
Plus

Are we creating, inclusive systems?

What should AI consider, before giving advice on SRHR?

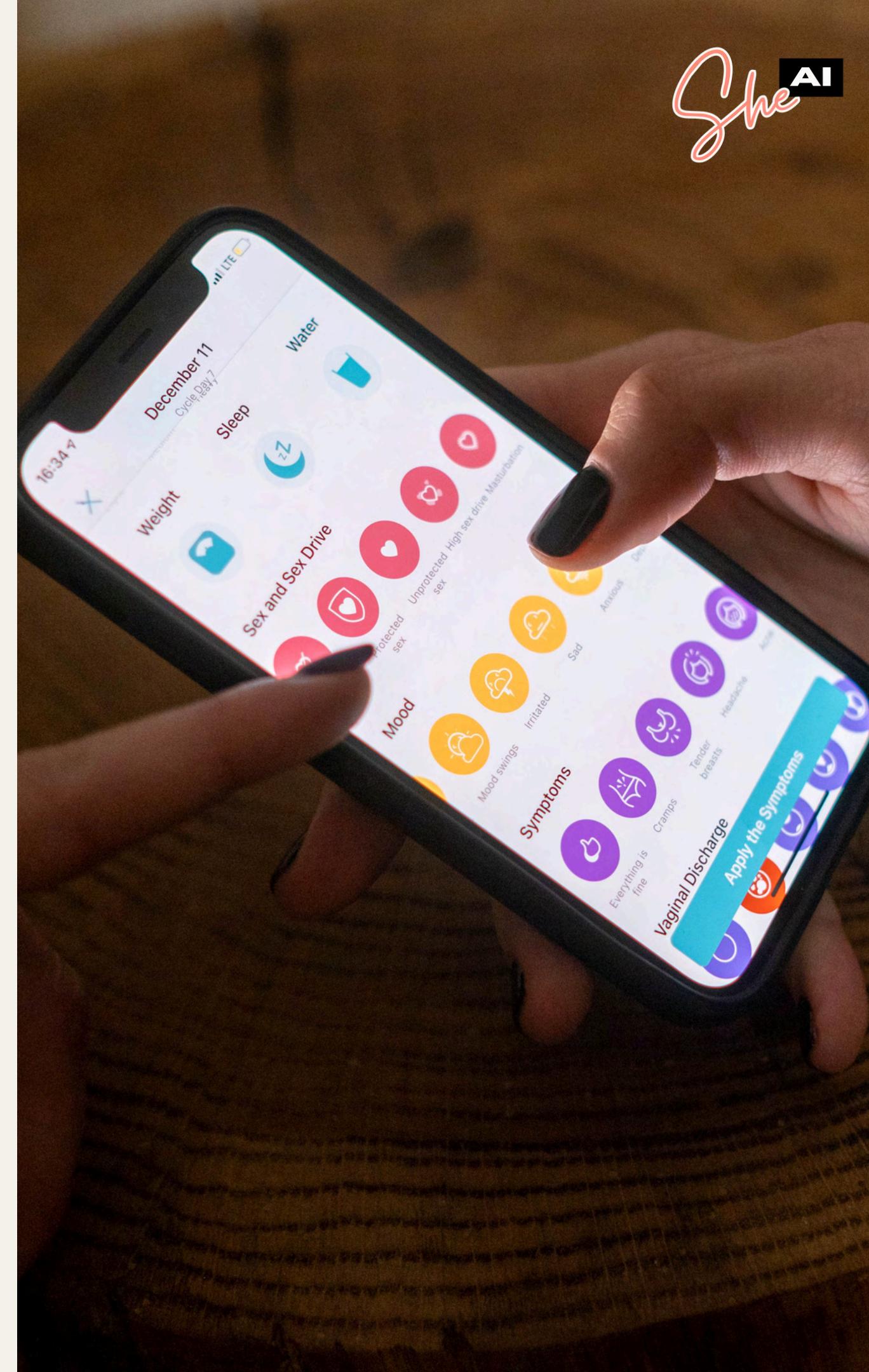
What's happening? (2025)

Detection of cervical cancer
90% accuracy (Washington University, 2024)

Wearable fertility trackers

Predict preterm births
(Delfina, 2024)

AI driven contraception platforms (WAAZZII)



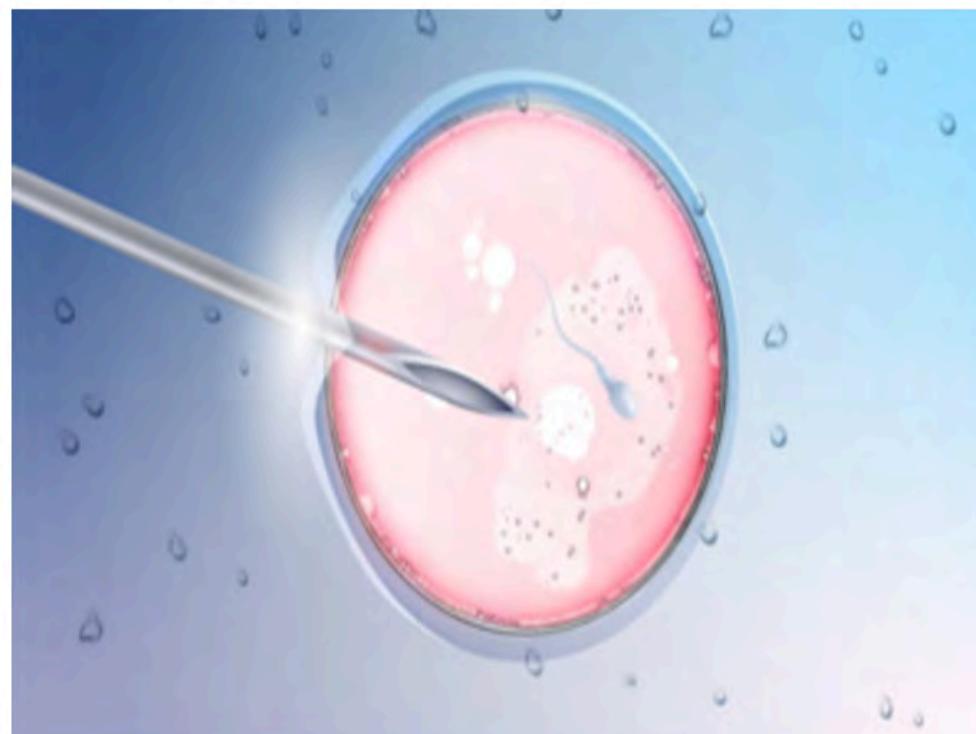
The early days: Now

Olawade.,et al 2025

Printed from
THE TIMES OF INDIA

World's first baby born by AI assisted IVF promises solution to infertility?

etimes.in | Apr 11, 2025, 06.31 PM IST



In a revolutionary breakthrough, the first baby in the world was born from an artificial intelligence-based fertilization (IVF) system. This is a milestone moment in reproductive technology as it highlights the possibility of AI and robotics revolutionizing fertility treatments. By using advanced algorithms and automated processes, this innovation is set to increase accuracy, minimize human error, and maximize success rates, thereby making fertility treatments more available and effective.

Conventional IVF procedures can be tedious, variable, and costly. The incorporation of AI automation may revolutionize the field through standardized, evidence-based decision-making for embryo choice and fertilization. With the continuing

advancement of this technology, it may revolutionize the way reproductive medicine is practiced, providing access to high-quality fertility care for more individuals than ever.

Predict optimal stimulation protocols

Analyze time-lapse imaging and morphological data

Enhance quality control

A dual reality

Opportunities

Private, stigma-free education



Nena (Kenya): 54% increase in contraceptive literacy (Njogu., et al, 2023)

Personalised non-judgemental sexual and contraception monitoring/advice



WAZZII & AskDoki: Youth-driven SRHR chatbots

WhatsApp

Expanded access for marginalized communities: maternal care

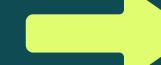


30% reduction in preterm births via predictive analytics (Delfina, 2025)

A dual reality

Risks

Limited data



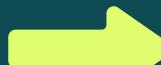
Medical AI models use North American/European data (Venner Shipley, 2024)

Biased data



AI trained on male-centric datasets misdiagnoses women's heart attacks more often (Venner Shipley)

Device disparities



In rural Nigeria, 60% of women access SRHR chatbots via shared desktops, limiting privacy

The Data Divide

- 90% of African languages lack digital footprints (Kiplangat, 2025)
- Flo App (US): Shared sensitive data to third parties, exposing users to discrimination
- Gen AI trained on inaccurate GenAI





AskDoki by Y.labs



Unintended pregnancy = 13,000 girls drop out of school

Integrated teens in the design

Adolescents = 30% of all new HIV

NLP in WA: Free WA and addressing teen needs



Delfina AI-powered *maternal health*



Reducing maternal mortality: 50% by 2026

Predictive analytics

Individualized care interventions



From Hollywood to *reality*

She **AI**



How are **you** doing after

In the *making* (2027)

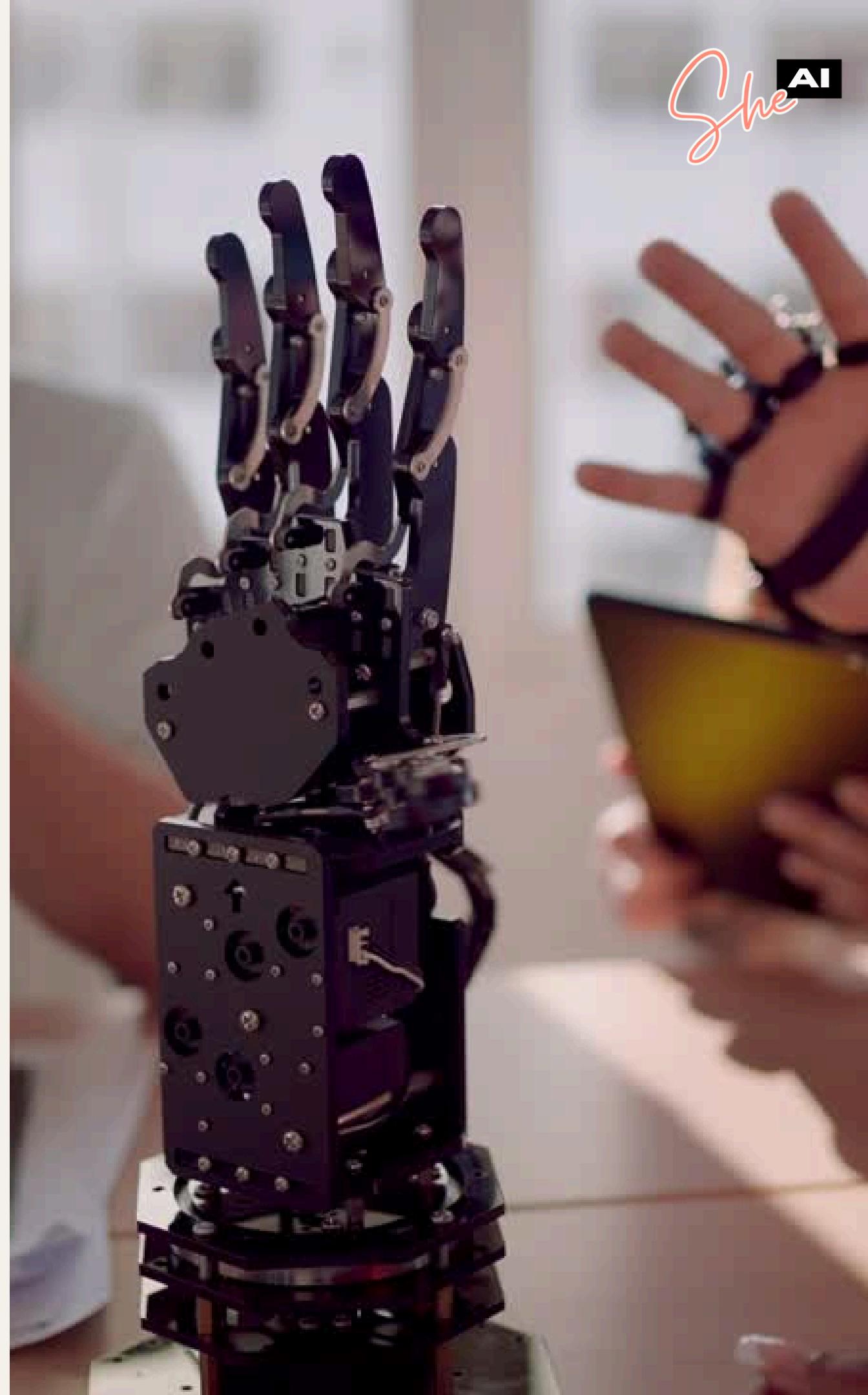
Emotional health triage
(chatbots)
Clinicians shift from
gatekeepers to decision
navigators to ethical
overseers

Autonomous agents with
personalised patient care

Embryo and sperm selection
(AI-assisted IVF)

Embodiment through physical
AI

Are we ready for AGI and superintelligence in health?



Artificial General Intelligence

Potential



Real-time analysis: genomic, hormonal, and environmental data to predict preeclampsia or infertility.

Virtual assistants for: 24/7 mental health support, contraceptive regimes management, or triage of obstetric emergencies

The risks of AGI

Urban
priorities

Algorithmic
Colonialism

Patient
trust

Self-aware alien
agent?

2030: The AGI Clinic

In 2030, a rural AI clinic triages patients via body scans and voice input.

Two women arrive. One speaks Xhosa. One speaks English.

The AI denies the Xhosa speaker abortion advice due to incomplete language dataset.

When AI fails



Benalmadena, Catalina

- Misclassified domestic violence risk as “medium.” (BBC, 2025).

Who is held accountable when AI fails?

Critical Thinking

Current Policy: EU AI Act

EU AI Act:

- Bans “unacceptable risk” AI by 2025
- Lacks mandate for community representation

“Regulation must evolve as fast as the tech.”

– Hannah Fry (Cambridge University’s Maths professor & Google DeepMind’s podcast host)



The *Bright* Side



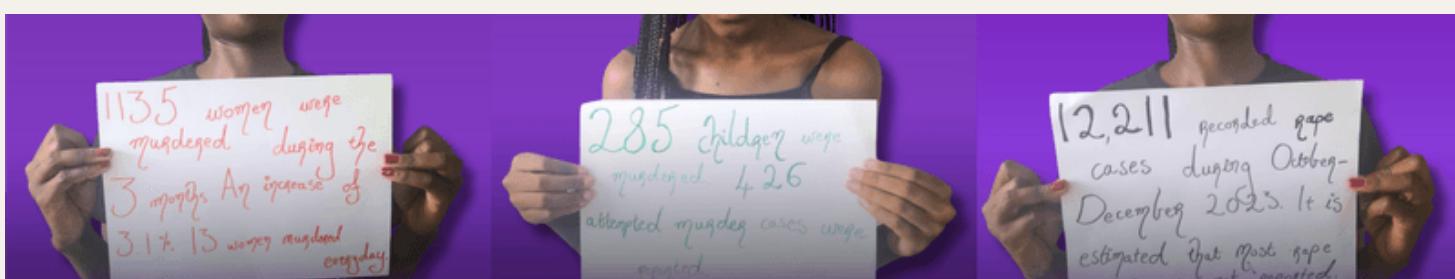
A Path Forward



Equity in Design

She AI

- **Action:** Co-create with communities
- **Example:** Zuzi Built with rural women



A kind aunt

non-judgemental identification of sexual violence

AI-powered:
OpenAI + trained model

Built with the community: slang, ages, dialects

Inclusive Education

She **AI**

- **Action:** AI & health literacy programs
- **Example:** Allo Health's AI + SheAI

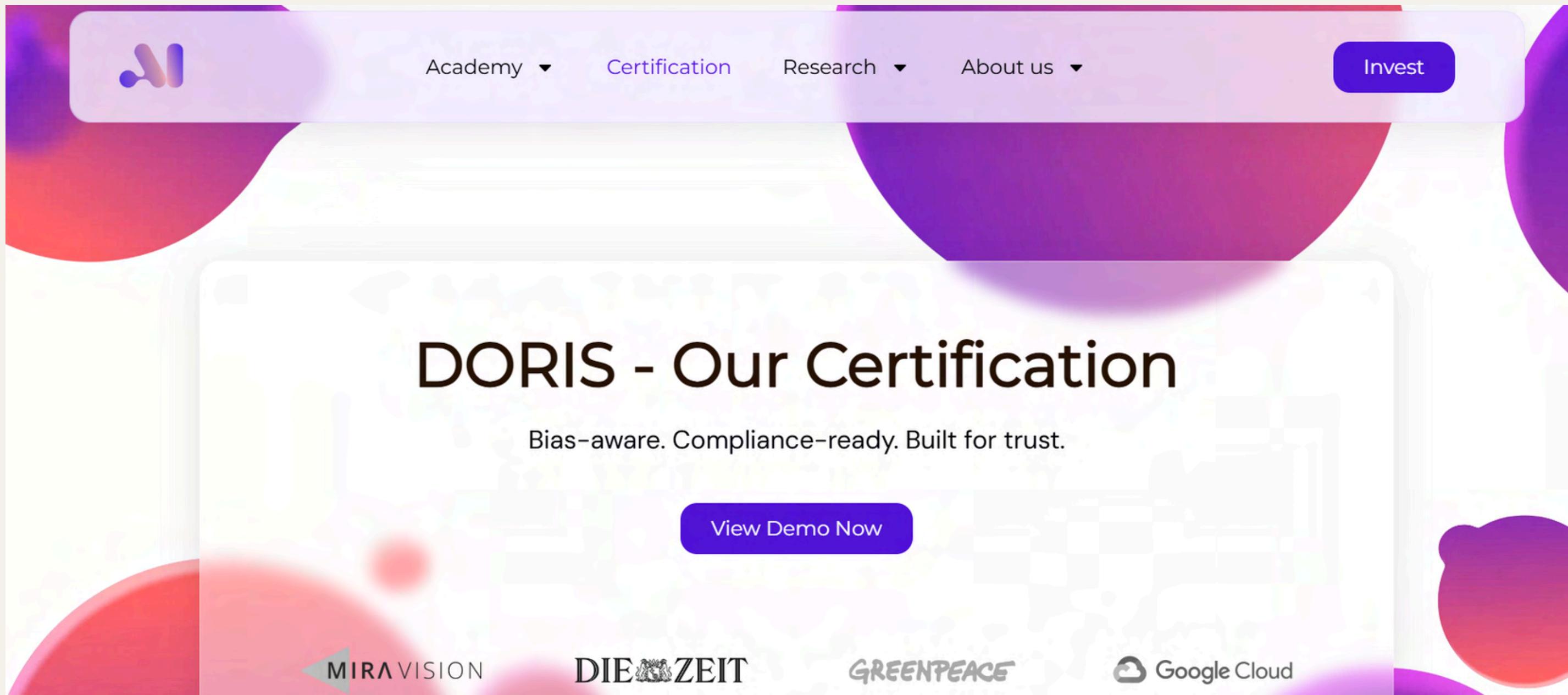
The screenshot shows the Allo Health website's "Sex Health Guides" section. The top navigation bar includes links for About Us, Conditions We Treat, Clinics, For Professionals, Resources, and a purple "Login" button. Below the navigation, a yellow banner reads "Explore Freely. Learn Confidently. End The Stigma." The main heading "Sex Health Guides – Expert Reviewed Sexual Resources for a Healthier You." is displayed in large, bold, purple and black text. A subtext below states: "Curated by doctors and sexologists, these handbooks cover everything from pleasure to protection—because sexual health is real health." Three callout boxes on the left provide statistics: "50+" (Free Handbooks on Real Sexual Health Topics), "25+" (Expert Reviewers in the Field of Sexual Medicine), and "100+" (Real Questions from People Like You, Answered). A large image of a hand holding a purple book titled "GUIDEBOOKS FOR SEXUAL WELLNESS" is centered, with a green "Courses" button at the bottom right.



Ethical Guardrails

She **AI**

- **Action:** Independent audits
- **Example:** post-VioGén review panels – FemAI



Policy

- **Action:** Mandate community representation
- **Example:** 10% community input in AI trials



AI won't shape the
future of SRHR, *we will.*

The people who controls the algorithm controls the future

Join us in shaping

the future

Presentation

