

SRHR In the Digital Age

Tackling Threats and Seizing Opportunities

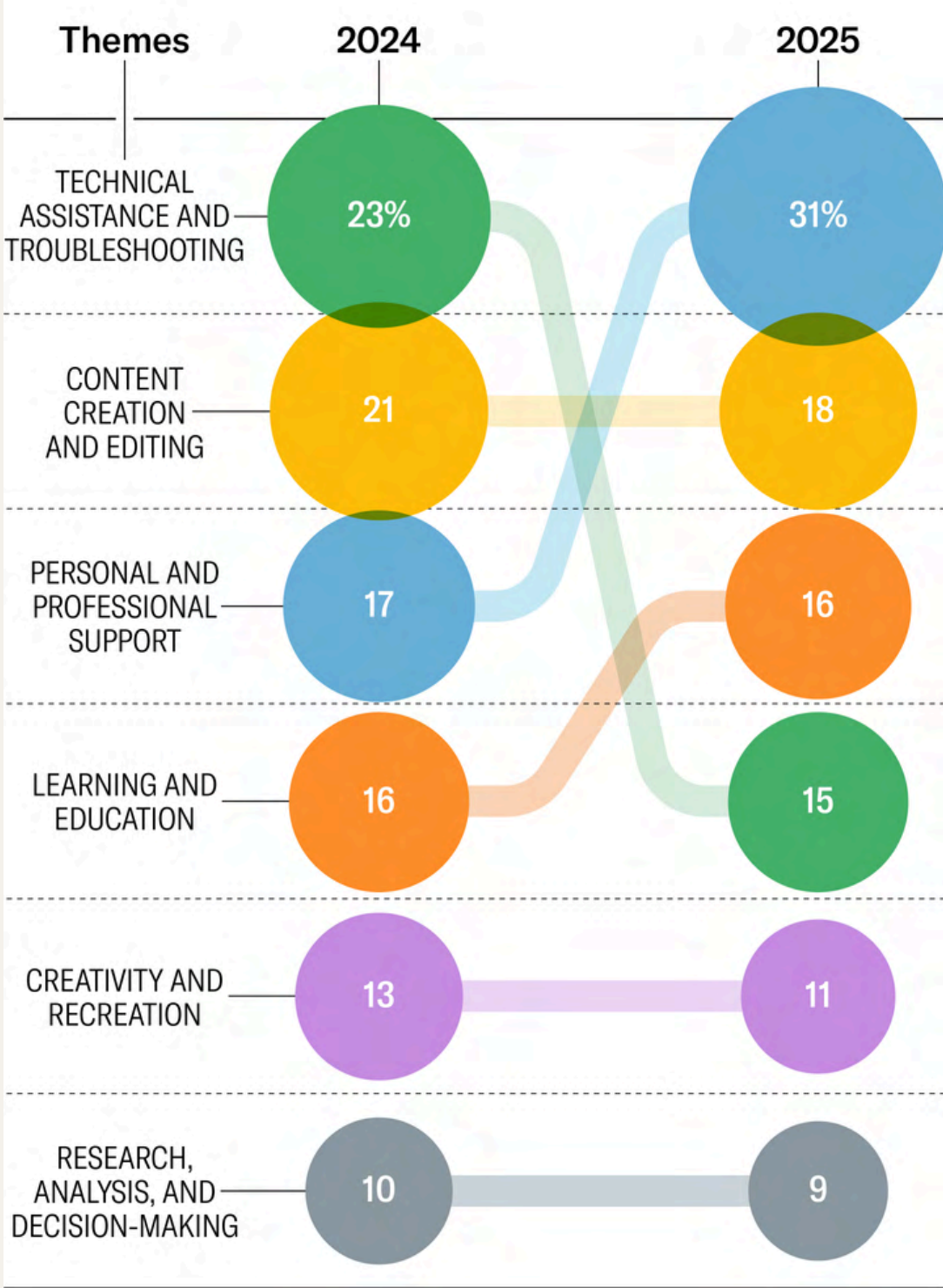
How are we using GenAI?

(Harvard Business Review, 2025)

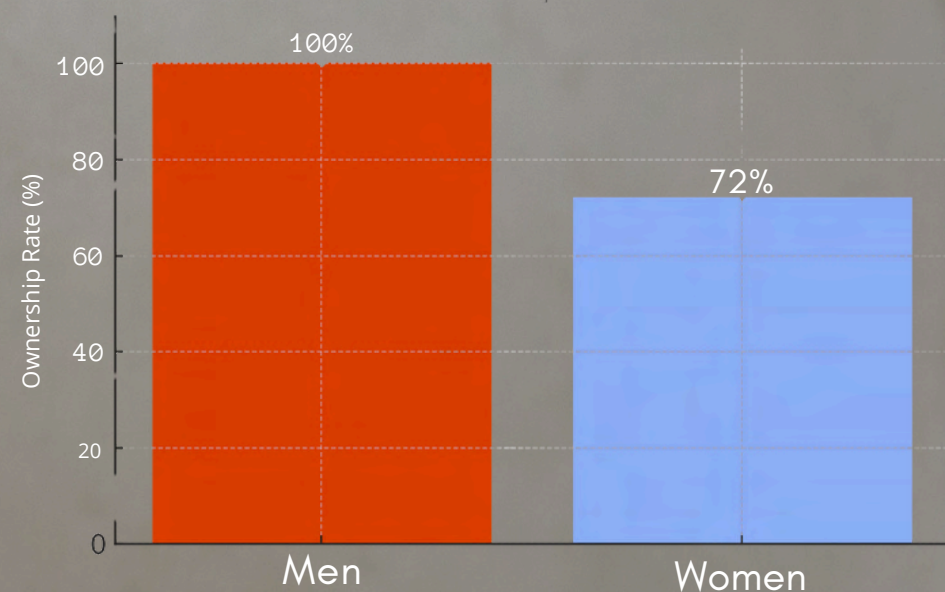


Major Gen AI Use Case Themes That Emerged

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



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."*



Are we creating *inclusive systems?*

What should AI consider, before giving advice on SRHR?

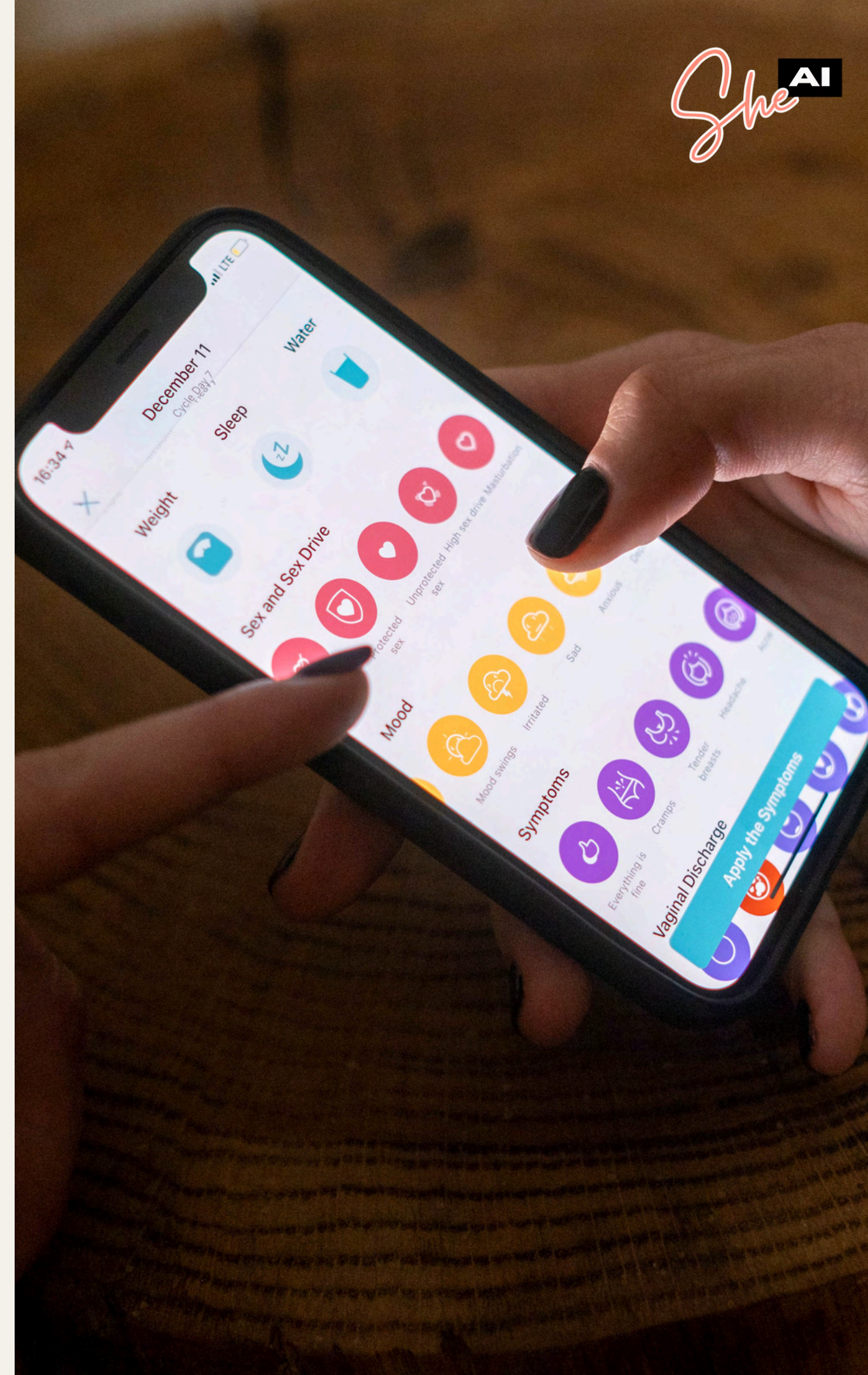
What's *happening?* (2025)

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

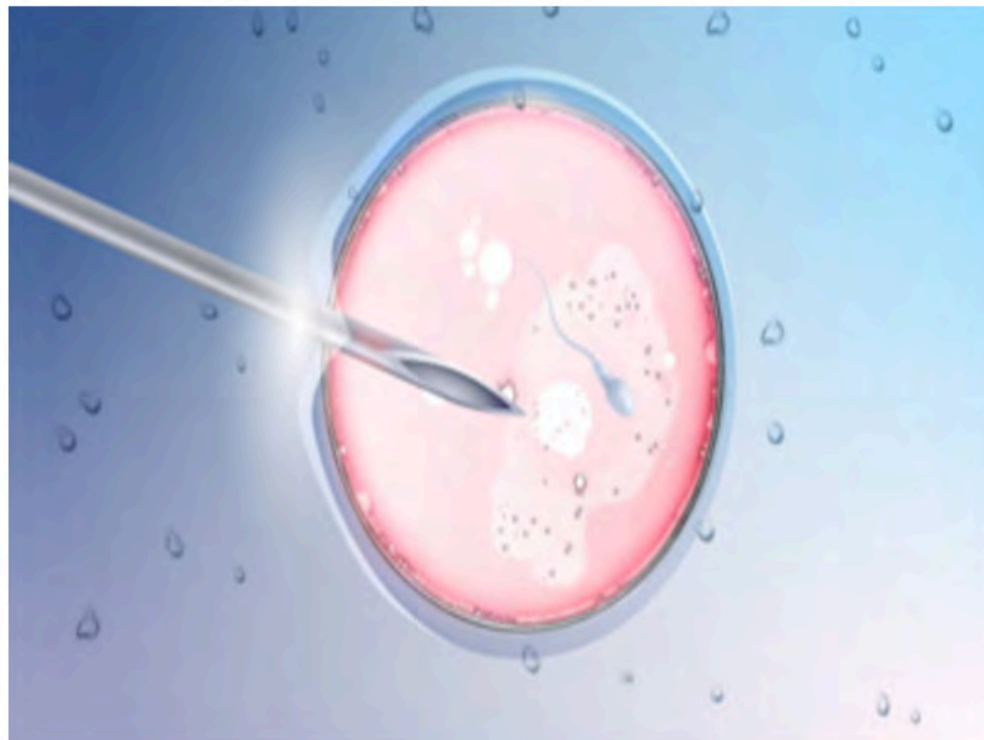
Olawade.,et al 2025

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

Expanded access for marginalized communities: maternal care



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

WhatsApp

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*



In the *making* (2027)

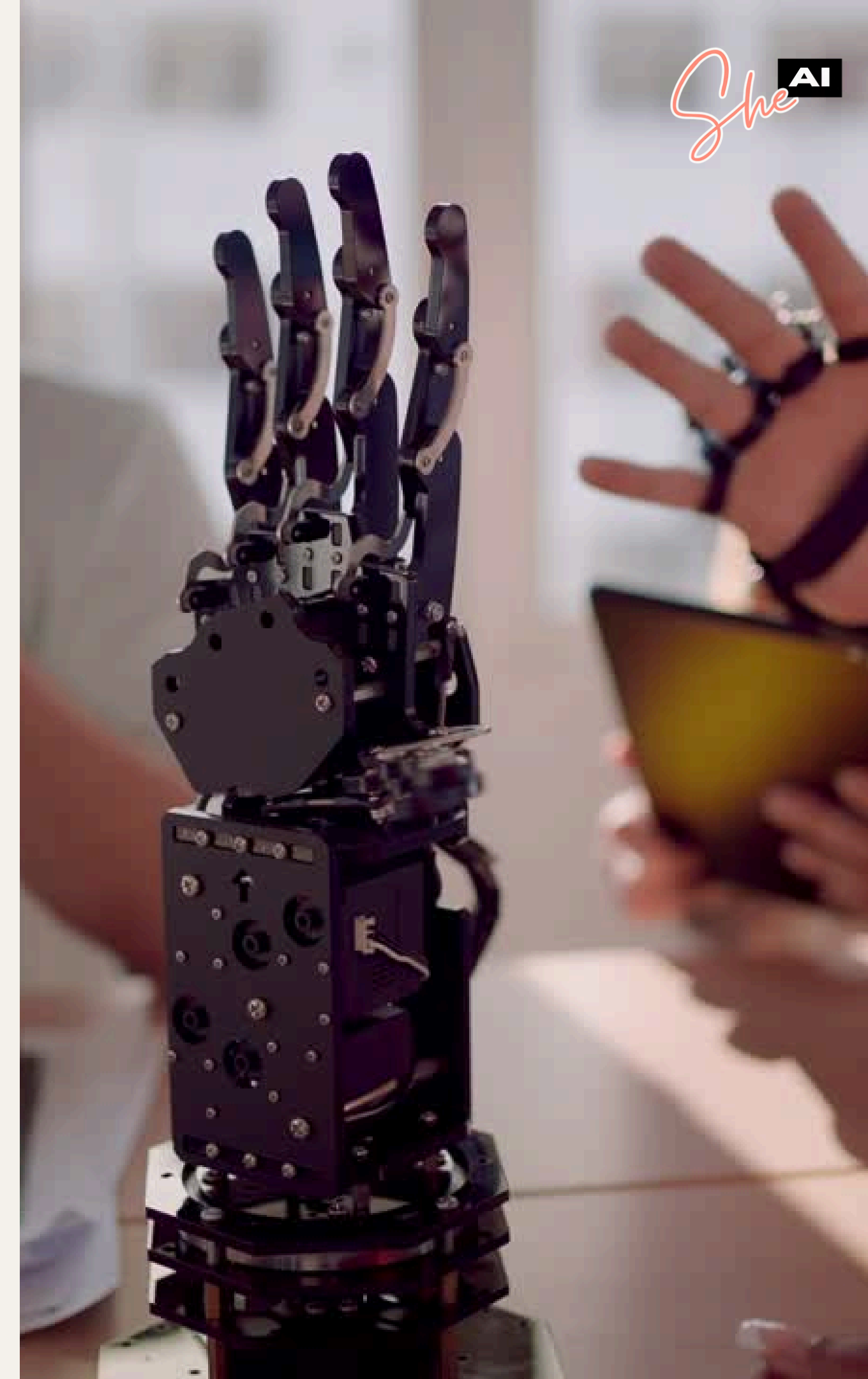
Emotional health triage
(chatbots)
Clinicians shift from
gatekeepers decision
navigators ethical
overseers

Autonomous agents with
personalise 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 alient
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*

PATH

NO PATH

Equity in
Design

Inclusive
Education

Ethical
Guardrails

Policy

Equity in *Design*

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

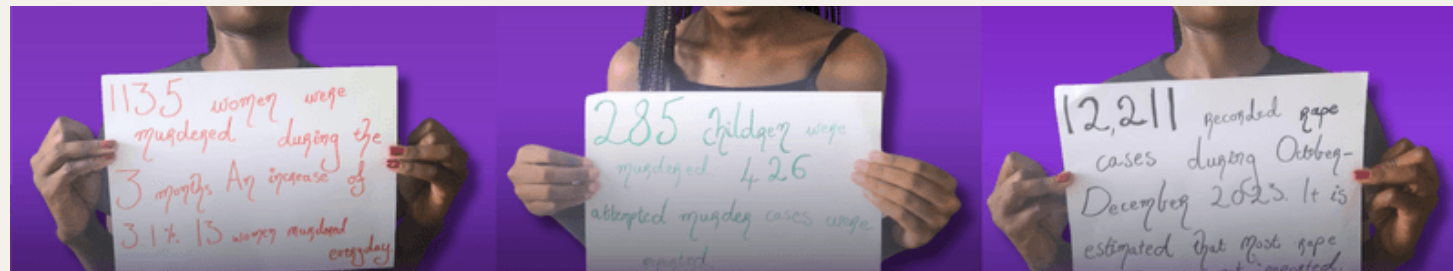


A kind aunt

non-judgemental
identification of
sexual violence

AI-powered:
OpenAI + trained
model

Built with the
community: slang,
ages, dialects



Inclusive *Education*



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

A screenshot of the Allo Health website. The header includes the Allo Health logo, navigation links (About Us, Conditions We Treat, Clinics, For Professionals, Resources), and a Login button. The main content area features a headline "Sex Health Guides – Expert Reviewed Sexual Resources for a Healthier You." with a subtext "Curated by doctors and sexologists, these handbooks cover everything from pleasure to protection—because sexual health is real health." Below this are three 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 central graphic shows a purple book titled "GUIDEBOOKS FOR SEXUAL WELLNESS" with a heart and gender symbols. A chat bubble at the bottom right says "Have questions about sexual health? Need help? Click here to chat!"

allo HEALTH

About Us Conditions We Treat Clinics For Professionals Resources Login

Explore Freely. Learn Confidently. End The Stigma.

Sex Health Guides – Expert Reviewed Sexual Resources for a Healthier You.

Curated by doctors and sexologists, these handbooks cover everything from pleasure to protection—because sexual health is real health.

50+ Free Handbooks on Real Sexual Health Topics

25+ Expert Reviewers in the Field of Sexual Medicine

100+ Real Questions from People Like You, Answered

GUIDEBOOKS FOR SEXUAL WELLNESS

Have questions about sexual health? Need help? Click here to chat!

A screenshot of the SheAI website. The header features a group of diverse women standing together. The main content area has a headline "Learn the skills of the future" in a green box. Below this is a subtext "AT SHEAI WE EMPOWER WOMEN WITH AI COURSES AND A STRONG COMMUNITY". A green button labeled "Courses" is at the bottom.

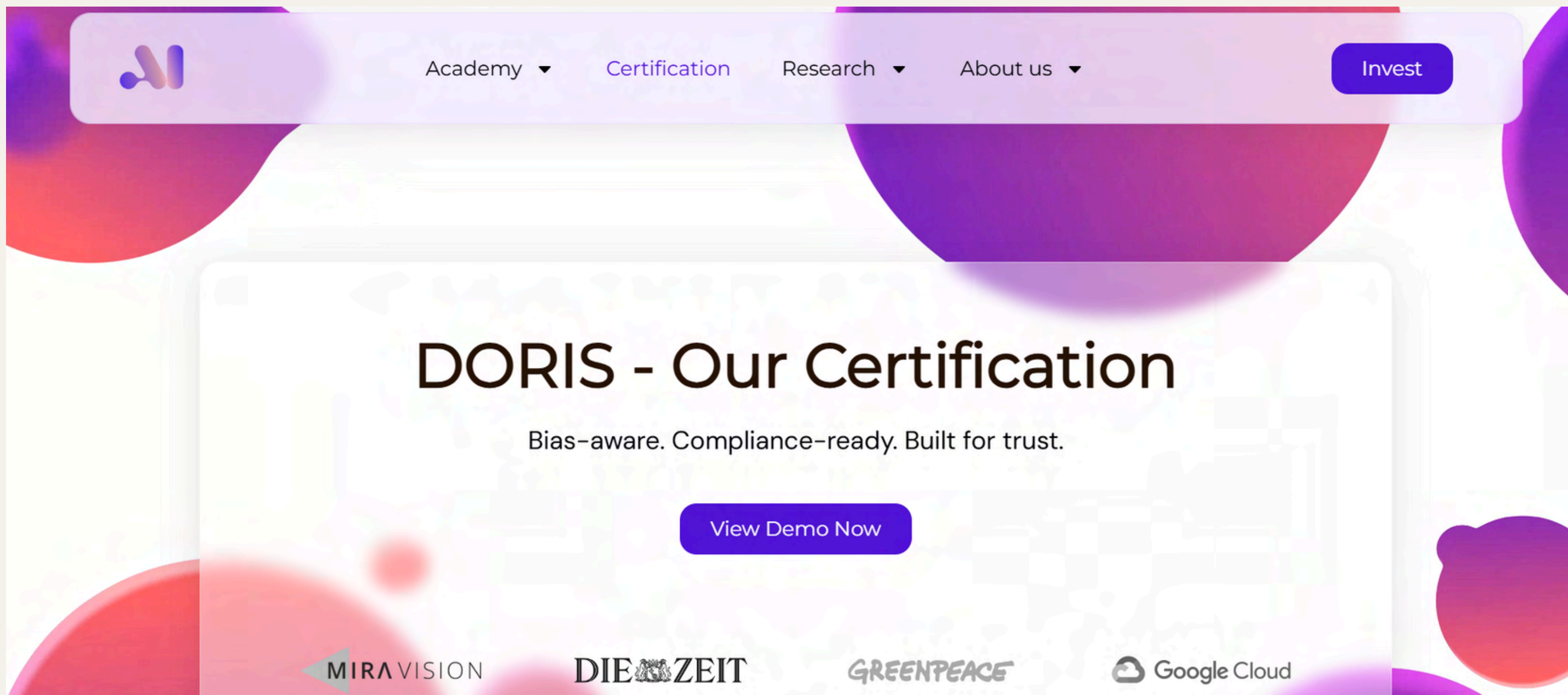
Learn the skills of the future

AT SHEAI WE EMPOWER WOMEN WITH AI COURSES AND A STRONG COMMUNITY

Courses

Ethical *Guardrails*

- **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

Presentation

Join us in shaping
the future

