🤖 AI & Digital Tools in Maternal Health

Initiative Overview

Gynaecologists in India are increasingly turning to artificial intelligence (AI) and digital health tools to improve maternal care and reduce maternal mortality rates. The move is spearheaded by the Federation of Obstetric and Gynaecological Societies of India (FOGSI) in collaboration with the Koita Foundation, with a focus on digitizing clinical practices and leveraging data for better outcomes.

Current Scenario

- **India currently records a maternal mortality ratio (MMR) of around 88 deaths per 100,000 live births.**

- **The national target is to bring this figure down to 70 per 100,000 live births in line with global Sustainable Development Goals (SDGs).**

- **However, only about 20% of gynaecologists in India presently use digital tools in their practice, indicating a significant gap in adoption.**

Key Features of the Initiative

- **Digital Maternal Care Centre: A specialized hub will be established to integrate AI-based risk**

stratification and maternal health monitoring.

- **Clinician Training:** Large-scale training programs will be rolled out for doctors and healthcare staff to adapt to digital tools.

- **Data Collection & Analysis:** Maternal health data will be collected systematically, enabling AI to help predict and prevent complications.

- **Patient Engagement:** Expecting mothers will gain access to digital platforms for reminders, follow-ups, and educational resources on safe pregnancy practices.

Expected Benefits

- **Improved early detection of high-risk pregnancies through predictive analytics.**

- **Better resource allocation in maternal healthcare facilities.**

- **Enhanced doctor–patient communication using digital platforms.**

- **Contribution to the broader goal of reducing maternal mortality in India.**

Outlook

This initiative represents a significant step toward digitizing women's healthcare in India. With the combined efforts of medical associations, technology partners, and government support, the program aims to create a standardized, tech-enabled maternal health ecosystem that can serve as a model for other developing nations.