

## The Reduction of Mother and Child Mortality through Improved Documentation of Pregnancy Findings

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**M**other and child mortality rates are critical indicators of a healthcare system's effectiveness. While these rates have declined over the past decades, certain regions continue to experience alarmingly high mortality. Most of these deaths are preventable and stem from inadequate documentation, insufficient medical equipment, understaffing, and a lack of proper training - factors that contribute to data gaps, misdiagnoses, and complications.

In regions with advanced medical care, the use of high-end medical technology generates significant administrative burdens and increases data volume.

As a result, nearly 300,000 mothers and 2.5 million children lost their lives due to pregnancy-related complications in 2020 (WHO, 2024). Additionally, it leads to a reduction in direct medical personnel workload while facilitating the integration of future digital technologies.

Recent trends highlight the rise of digital health applications and the rapid growth of this sector (with a projected CAGR of 18.66% until 2034) (SkyQuest Technology Consulting Pvt. Ltd., 2024). Currently, no company offers a globally connected digital application with a standardized system that tracks pregnancies and aims to reduce related deaths.

AREWA Health is a medical software company whose first project will focus on reducing maternal, neonatal, and infant mortality rates during pregnancy. The International Pregnancy Document (IPD) will be a web-based documentation tool for doctors that is digital, global, and standardized. Data will be tracked and documented during a patient's consultation by the overseeing doctor, then sent directly to the patient via her mobile app - My International Pregnancy Document (MyPD). The mobile app will be available on both iOS and Android devices, and self-documentation by patients within the app will also be possible. The long-term goal is to generate statistics that demonstrate a decrease in child and maternal mortality rates. AREWA Health aligns with the United Nations' Sustainable Development Goals.

## Biography

AREWA Health is founded on the expertise and dedication of Mrs. Dr. Oyedupe O. Gläsmann, a gynecologist and obstetrician with over 40 years of experience. She began her medical career at Charité University Hospital in Berlin and has spent the past 25 years operating her private practice, AREWA, treating women of all backgrounds. Specializing in fetal and breast ultrasound, she provides precise and comprehensive care in Berlin, Germany.

AREWA Health is built on the expertise and dedication of Mrs. Dr. Oyedupe O. Gläsmann, a gynecologist and obstetrician with over 40 years of experience. She began her medical career at Charité University Hospital in Berlin, where she gained extensive expertise in all areas of gynecology. In obstetrics, she specialized in prenatal diagnostics and therapy, focusing particularly on the advancement and application of extended prenatal ultrasound examinations. Her commitment to medical education was evident in her involvement in student training, where she organized ultrasound courses and served as both a tutor and lecturer.

For the past 25 years, she has run her private practice, AREWA, providing high-quality care to women of all backgrounds. Specializing in fetal and breast ultrasound, she offers precise and comprehensive diagnostics in Berlin, Germany. The AREWA concept is based on a holistic approach to women's health, combining individualized and compassionate consultation with state-of-the-art medical diagnostics and therapy. High-quality, modern medical care and holistic patient support go hand in hand.

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