EQUIPPING PROVIDERS WITH DIGITAL TOOLS TO IMPROVE MATERNITY CARE: PROJECT iDELEVER

KEY FEATURES

Provider-centered design
As co-designers, providers share continuous feedback to ensure the tool and its features address their specific needs and challenges.

Real-time clinical decision-making support
Project iDeliver is designed for real-time use by providers before, during, and immediately following birth. The tool provides immediate access to clinical guidance and standards, helping providers respond appropriately to potential life-threatening complications.

Routine data analytics and feedback
By aggregating patient health information, Project iDeliver helps providers diagnose and monitor patients.

WHAT’S NEXT

During the Phase 2 pilot (June 2017 – May 2018), Project iDeliver will expand functionality to include labor monitoring and delivery; improve facility operations including resource planning and staff forecasting based on expected delivery dates; and integrate into existing commodity management systems.

OVERVIEW

Globally, more women are giving birth in health facilities with skilled healthcare providers. However, in many settings, those providers face daily challenges in providing critical care to mothers and babies. These challenges include: high patient loads, limited decision-making support and supervision in emergency situations as well as a lack of data to measure and guide quality improvements. Without user-centric tools that help providers manage these challenges, women may not receive the right care when they most need it.

With support from *Merck for Mothers*, Vecna Cares, M4ID, and Johns Hopkins University are designing, developing and implementing Project iDeliver, a digital tool that supports maternity providers in offering women better care.

This program is supported by funding from Merck, through *Merck for Mothers*, the company’s 10-year, $500 million initiative to help create a world where no woman dies giving life. *Merck for Mothers* is known as *MSD for Mothers* outside the United States and Canada.

<table>
<thead>
<tr>
<th>PLACE</th>
<th>Kenya</th>
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<tbody>
<tr>
<td>TIMEFRAME</td>
<td>January 2016 – May 2017 (Phase 1 pilot)</td>
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<tr>
<td>PARTNERS</td>
<td><em>Merck for Mothers</em>, Vecna Cares, M4ID, Johns Hopkins University</td>
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Project iDeliver can improve quality care from the moment a woman arrives at a facility to discharge and helps providers:

- Prioritize workload and manage patient waiting times
- Know how often to check on patients and schedule reminders
- Respond to potential complications
- Document key patient information and provide timely decision-making support
- Facilitate effective communication between health facilities
- Advise and educate patients on appropriate postnatal care
- Coordinate timely transportation

The Maternity Waiting Homes Alliance

The Maternity Waiting Homes Alliance is part of a public-private partnership among the U.S. Government, the Norwegian Ministry of Foreign Affairs, the American College of Obstetricians and Gynecologists, Every Mothers Counts, Project C.U.R.E and Johns Hopkins University are designing, developing and implementing *Savings Mothers, Giving Life.*

The partners are exploring a variety of community-driven, community elected governing committees work to ensure smooth day-to-day operations and effective linkages with maternity home managers and health facility staff to support these homes can be both an effective and sustainable solution to overcoming the distance barrier to high quality care for women and their newborns in Zambia and beyond.

During the Phase 1 pilot (January 2016 – May 2017), 24 maternity waiting homes linked to high quality health facilities will be built in 8 districts across Zambia (Lundazi, Mansa, Chembe, Kalomo, Nyimba, Pemba, Zimba, and Choma) to improve facility operations including resource planning and staff forecasting based on expected delivery dates; and integrate into existing commodity management systems.

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