

eRegistries

undertaking randomized controlled trials to
assess the use of the Mother and Child Health
eRegistry in Palestine

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research

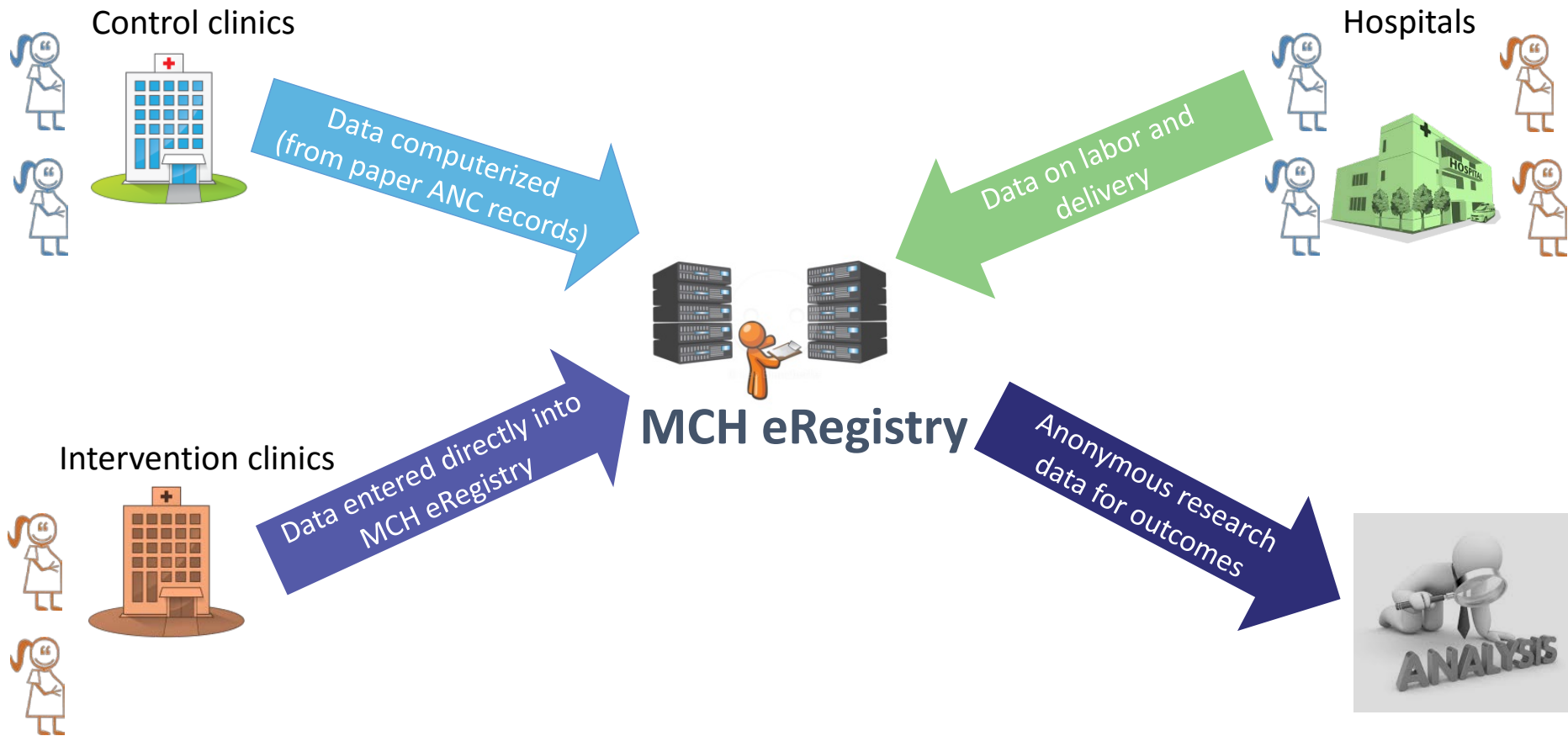
- Embedded in the nationwide implementation
- Cluster randomized controlled trials
 - primary healthcare clinics
- Effectiveness of the MCH eRegistry with different components, on improving quality of antenatal care
 - Safe, effective, patient-centered, timely, efficient and equitable (Institute of Medicine (IOM). Crossing the Quality Chasm: A New Health System for the 21st Century. 2001)

eRegQual

- The MCH eRegistry with *interactive checklists and clinical decision support*
 - MCH eRegistry vs. paper based system
- Two parallel arms -120 clusters (133 PHCs)
 - Intervention 60 clusters (68 PHCs)
 - Controls 60 clusters (65 PHCs)
- Ongoing

The image shows a stack of green checklists for 'Current Pregnancy'. The top checklist is in English and Arabic. It includes a table for 'Current Pregnancy' with columns for 'Yes', 'No', and 'Not Sure'. The table lists various conditions such as 'Hypertension', 'Diabetes', 'Anemia', 'Infection', 'Pre-eclampsia', 'Gestational Diabetes', 'Placental Abruption', 'Premature Rupture of Membranes', 'Fetal Growth Restriction', 'Fetal Anemia', 'Fetal Distress', 'Fetal Death', 'Stillbirth', 'Preterm Birth', 'Low Birth Weight', 'Small for Gestational Age', 'Large for Gestational Age', 'Macrosomia', 'Shoulder Dystocia', 'Birth Injury', 'Neonatal Death', 'Maternal Death', and 'Other'. The checklist also includes a section for 'Number of pregnancies outcomes this year' and a section for 'Other' with a list of conditions.

data extraction and management



outcomes

- Primary outcome
 - Timely and appropriate screening and management of risk conditions
 - adverse pregnancy outcomes composite score
- Equity
- eRegTime
 - Reporting and documentation time
- Health worker's satisfaction
- Women's satisfaction

timeline MCH eRegistry trials

	2017												2018											
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
eRegQual recruitment	■	■	■	■	■	■	■	■																
eRegQual follow up									■	■	■	■	■	■	■	■								
eRegQual results & dissemination																	■	■	■	■	■			

eRegCom

- The MCH eRegistry with communication strategies
 - *Performance feedback (FB) to care providers & Behavior change communication (BCC) to women*
 - *FB or/and BCC vs. clinical decision support*
- 2x2 factorial design
 - Approx. 110 PHC
- Formative research

	BCC	Control
FB	FB BCC	FB
Control	BCC	Control

Thank you



eRegistries Initiative

