



AFGHANISTAN

WHO Collaborating Center
in Reproductive Health

Division of Reproductive Health
National Center for Chronic Disease Prevention
and Health Promotion
Centers for Disease Control and Prevention

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Mission

...to serve the people who serve the people...

by enabling health professionals in ministries of health, universities and NGOs to build a foundation of sustainable knowledge and skills in health services and or operation research.

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Partners

- UNRWA
- UNICEF
- World Bank
- UNFPA
- CARE
- IMC
- UNDP
- USAID
- Carter Center
- DOD
- CDC Foundation
- Others

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Country Projects

- Afghanistan
- China
- Colombia
- Uzbekistan
- Kazakhstan
- Moldova
- Tanzania
- West Bank

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What We Do



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Provide Technical Assistance to...

- Implement Community-based Maternal and Perinatal Health Care Surveillance Systems (CB/MPHCSS) projects
- Link data to intervention packages

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Provide Technical Assistance to...



- Implement Quality Assurance to monitor impact
- Develop human resources
- Build partnerships
- Develop local and national policy

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Highlight - Afghanistan



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Objectives



- ◆ Provide technical assistance to MOH to improve maternal and perinatal health care
- ◆ Establish quality assurance and surveillance systems at Rabia Balkhi Women's hospital
- ◆ Support MOH to implement systems

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Challenges

Rabia Balkhi Women's Hospital:

- ◆ No data or systems infrastructure
- ◆ Human resource development and support needs are enormous

Afghanistan:

- ◆ Difficult working and living conditions
- ◆ Dependency on MOH authorities to implement systems or changes

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Data and Systems Support Rabia Balkhi Women's Hospital

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Data Solutions

Reproductive Health Surveillance



- ◆ Established surveillance systems
 - Perinatal and maternal surveillance system – BABIES
 - Medical record system
 - Descriptive epidemiology of patients accessing OBGYN services (POA)
 - Obstetric emergency surveillance
 - Post-operative wound infection surveillance
 - Birth defects surveillance

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COMMUNITY PARTNERSHIPS • HEALTHY AGING • GLOBAL PARTNERSHIPS • OUTBREAK INVESTIGATIONS



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How do these mortality rates compare with US rates?



- ◆ Afghan MMR rate is ~200 x higher

For RBH

- Presently, MMR is ~20 x higher
- Underestimation of total perinatal mortality by at least 50 %
- ◆ For babies 2500+ gms
 - Antepartum rate is 14 x higher
 - Intrapartum rate is 15 x higher
 - Predischarge neonatal rate is ~10x higher
- ◆ C-section rate is only 1/3 of expected rate
- ◆ NTD rate 6 x higher

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Systems Support

Introduction of Quality Assurance

- ✦ Introduced a culture of quality through:
 - QA workshops
 - Seminars
 - Dissemination of information
- ✦ Established a Quality Assurance Hospital Structure:
 - Hospital Committee
 - Quality Improvement Teams
 - Development of norms and guidelines for QA

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Quality Assurance Program

- ◆ Established Maternal and Perinatal Mortality Assessment Hospital Committees
- ◆ Measured client's satisfaction through exit interviews
- ◆ Conducted different activities to improve the quality of care, focused on improving the provider-patient relationship

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Human Resources Development and Support

CHRONIC DISEASE PREVENTION • INFECTIOUS DISEASE PROTECTION • IMMUNIZATION • INJURY PREVENTION
MENTAL HEALTH • GLOBAL PARTNERSHIPS • MINORITY OUTREACH • MONITORING HEALTH • COMMUNITY PARTNER
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• PREVENTION • REPRODUCTIVE HEALTH • HEALTH CARE SERVICES • HEALTH CARE SERVICES • HEALTH CARE SERVICES •
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• COMMUNITY PARTNERSHIPS • HEALTHY AGING • GLOBAL PARTNERSHIPS • OUTBREAK INVESTIGATIONS •

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Caring for the Caregiver – Occupational Health at RBH



A collaborative effort – HHS/NIOSH,
CDC Foundation, NIP, Chiron



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Needs Assessment

- ◆ 10% staff currently pregnant
- ◆ 28% with history of anemia
- ◆ <10% vaccinated for Hepatitis B
- ◆ 54% with difficulty seeing
- ◆ 25% report feeling anxious
- ◆ 23% feel as if don't have a future

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Objectives

- ◆ Improve learning potential and performance capability
- ◆ Decrease absenteeism
- ◆ Decrease infectious disease transmission

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Implementation

- ◆ Needs assessment conducted
April 04
- ◆ Health needs prioritized
- ◆ First OHC services offered in
Feb 05

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Services Offered



- ◆ Initial vaccination for Hepatitis B and Td
- ◆ Take-home medical/immunizations record
- ◆ Health history
- ◆ TB symptom screening
- ◆ Vision and hearing screening
- ◆ Iron and folic acid administration
- ◆ Occupational Safety and Health training

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What's next?



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Future Activities

- ◆ Continue to support Afghan self-determination in the program
- ◆ Continue to build partnerships and relationships
- ◆ Provide technical assistance as needed

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Support Materials

- ◆ Healthy Mothers, Healthy Babies - revision of Healthy Newborn Manual
- ◆ BABIES workbook
- ◆ Midwifery curriculum for surveillance

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