

Newborn Health @JSI



Improving newborn health and reducing neonatal mortality by supporting effective, low-cost interventions to improve newborn care in homes, communities, and health facilities continues to be a core focus of JSI's work. For JSI, essential newborn care encompasses a range of basic preventative measures and services that span across prevention, promotion and treatment.

Reducing newborn
mortality in
20 COUNTRIES
for **20 YEARS**



PREVENTION

- Umbilical cord & eye infection prevention & care
- Skilled birth attendance @ birth
- Immunization
- Prevent mother-to-child transmission of HIV



PROMOTION

- Immediate exclusive breastfeeding
- Kangaroo care for low birth weight babies
- Family recognition of danger signs & prompt care seeking



TREATMENT

- Temperature maintenance
- Access to newborn neonatal resuscitation & treatment for infections
- Delivery of life-saving drugs, commodities and equipment
- Management & referral of birth complications

In Pakistan, JSI's assistance provided grants to 98 NGOs in hard-to-reach areas; trained 120 district health managers, 2,000 community midwives, and 6,500 Lady Health Workers; improved the skills of over 4,500 health care providers; and created 1,100 midwifery homes.

» Resulted in 27% increase in skilled birth attendance at deliveries in the project areas



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Evidence to Action

From operations research, through programmatic innovations and early start up to full nationwide program expansion, JSI technical support has ensured quality of services at all levels and helped to create critical bridges between families, community leaders, volunteers, health facilities, and referral levels.

RESEARCH & PROGRAMMATIC INNOVATIONS

JSI is working with Concern Worldwide to find and test ambitious new ideas to address barriers in accessing maternal, newborn and child health (MNCH) services. After releasing a call for ideas and receiving thousands of promising interventions, the project team selected a set of ideas to implement in Ghana, Kenya, and Sierra Leone. Some of the interventions are:

- Designing a mobile health platform to increase motivation among remotely deployed health workers
- Creating a collaborative network among bioengineers in a national hospital and local hackers and tinkerers to design low cost solutions to improving the supply of essential MNCH medical equipment.

PILOT PROGRAMS & TECHNICAL ASSISTANCE

JSI's pilot programs in Nepal implemented several innovative programs and assisted the Ministry of Health and Population in bringing the innovations into mainstream programs

- Application of Chlorhexidine to the umbilical cord to prevent infection
- Integration of birth preparedness programs at the community level
- Community-based detection to prevent postpartum hemorrhage through use of misoprostol
- Use of gentamicin in the UNIJECT device in remote areas where families cannot access health facility-based care

NATIONWIDE PROGRAM EXPANSION

USAID-funded projects have worked together to reach more than 45 million people in supporting Ethiopia's community-based approach to improving health. JSI has been instrumental in developing Ethiopia's health supply chain and has provided support to improve the availability of essential medicines, diagnostics, contraceptives, vaccines and improved supply of all public health commodities. JSI continues to support the Federal Ministry of Health through both rural and urban programs, extending its efforts to analyze, develop, and manage systems addressing a wide range of health issues including child survival, HIV prevention, immunization, obstetric, maternal, and neonatal care, and more.

With over two decades of experience in 23 countries across three continents, JSI has demonstrated expertise in implementing effective newborn health programs at country level from policy formulation, through planning, material development, training, behavior change communication, monitoring at facility and community levels, and logistics and supply chain management to program evaluation and dissemination.

For more information regarding JSI's nutrition programs and expertise, please contact mnch@jsi.com



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