

Saving lives with CHX

JSI's programs in 3 countries



Problem


28% of newborn deaths worldwide are due to infections



Solution

Chlorhexidine (CHX), a **23-cent antiseptic** applied to the umbilical cord*



 **In Nepal**, JSI's pioneering program has saved at least 5,500 newborn lives and influenced design of other programs around the world



USAID Pioneers Prize in
Science and Technology

25 countries have visited to learn from Nepal's program

6 of those have implemented programs

3 of those are managed by JSI

JSI partnered with a local company, Lomus Pharmaceuticals, to manufacture locally

Lomus is now exporting CHX to Liberia, Madagascar, Malawi, and Pakistan, and has provided CHX to Nigeria and Ethiopia

* Imdad A, Mullany LC, Baqui AH, et al., 2013





Based on our experience with three successful programs, we recommend

- ✓ Ensure local engagement from the beginning
- ✓ Join existing networks
- ✓ Add CHX to the Essential Medicine List
- ✓ Plan for integration with other existing Ministry of Health programs
- ✓ Leverage resources from other countries and programs
- ✓ Ensure funding commitments

 **In Nigeria,** JSI's program launched in 2 northern states is influencing programs and policy nationwide

31 of 36 states have undertaken study tours of the program.


7 states currently implementing CHX program

A local manufacturer, Drugfield Pharmaceuticals, is approved to supply to the local market



Task shifting has been implemented for health extension workers, and Nigeria has adopted a national midwife cadre

CHX is integrated with Misoprostol, a medicine used to prevent postpartum hemorrhage

 **In Madagascar,** JSI's new program has shown promising early results

284 health volunteers received training in the pilot district of Mahabo

96% of babies born at health facilities received treatment

With sanctions lifted, the program is now able to partner fully with the Ministry of Health

