



Healthcare Organization Commitment

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Commitment Details

Commitment Name

Improving Patient Safety through simulation-based training of healthcare personnel-
Optimizing Obstetric Care in High Income Countries

Participants

American Heart Association (AHA)
American Academy of Pediatrics (AAP)
US National League of Nursing (NLN)
British Heart Foundation
Jhpiego
USAID

Survive & Thrive Global Development Alliance
International Confederation of Midwives (ICM)
World Federation of Societies of Anesthesiologists (WFSA)

What Patient Safety Challenge does your Commitment address?

Obstetric Safety

How Many Hospitals Will This Commitment Represent

3500

Action Plan

High Income Countries (HIC): Laerdal is helping its partners (listed above) to scale up and improve the quality of their training programs. According to the AHA, over 6 million Healthcare Workers (HCW) are trained through these programs in the US alone every year, and the numbers trained are even higher in other HIC. According to AAP over 4 million HCW have been trained in its Newborn Resuscitation Program in 120 countries. Laerdal has for over 12 years been the only strategic alliance partner to both AHA and AAP for development of emergency care educational programs. In 2018, Laerdal will also be scaling up its collaboration with the National League of Nursing in the US for the Simulation Education in Nurse Education and Accelerate to Practice Programs. The HMS and HBS programs address the three dominant causes of mortality at birth, accounting for over 75% of both newborn and maternal deaths. Studies from 4 countries show that when well implemented, these programs can reduce mortality at birth by as much as 50%. Furthermore, in February 2018, Laerdal and ICM will launch the 50,000 Happy Birthdays program in Ethiopia, Tanzania, Rwanda, Malawi and Zambia. This program will train 50,000 birth attendants in these countries in a suite of HMS and HBS educational modules over a 22-month period. As one of the first two Global Impact partners of the WFSA, Laerdal is also supporting the implementation and national scale-up of the SAFE-T course for Safer Anesthesia in Tanzania, Zimbabwe, Nepal and Bangladesh.

Commitment Timeline

Laerdal has established a goal of helping save 500,000 more lives every year by 2020, with 2013 as baseline. To be on track this equates to about 70,000 more lives saved in 2018. As reported in the Laerdal Impact Update of January 2018 we believe we are progressing well towards this goal. The 2018 results (not counting the Resuscitation Quality Improvement program, for which our partner AHA has submitted a separate commitment) are thus likely to be in the range of 50 – 70,000 more lives being saved. Acknowledging that part of the impact in LIC will take place in primary health centers and dispensaries – which may or may not be encompassed by PSMs definition of patient safety - and considering that half of the saves in HIC and perhaps 10% of the saves in LIC are expected to occur in the community, we believe that by a fair estimate of the additional lives saved in hospitals in 2018 would be 20,000. This assumes that, as a result of well-implemented simulation-based training, on average: - each of the 10,000 hospitals in HIC will save one additional life;