Healthcare Organization Commitment

Contact Details

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Commitment Details

Commitment Name
To decrease severe bronchopulmonary dysplasia (BPD) in Latin American countries. The process will be implemented as a ‘Clinical Consensus’, involving 45-50 neonatologists and nurses from various hospitals of different countries in the region.

Participants
Ramon Mir, MD
Lourdes Lemus, MD
Sergio Golombek, MD, MPH
**What Patient Safety Challenge does your Commitment address?**

How Many Hospitals Will This Commitment Represent
40

**Commitment Summary**

The Ibero-American Society of Neonatology (SIBEN) is a Not For Profit, Public Charity Organization [501 (c) (3)], with the main objective to improve neonatal health and decrease neonatal mortality in the Latin American region, mostly by education, improvement in quality of care and obtaining data and information that could be translated into action.

This commitment relates to performing a 'Clinical Consensus' on BPD. Bronchopulmonary dysplasia (BPD) is one of the most important sequelae of prematurity. It occurs with variable incidence, affecting between 18 to 42% of preterm infants and this related to several factors, one being clinical care. BPD also has a wide spectrum of severity. Its severe forms are associated with various morbidities, like prolonged hospitalization, chronic pulmonary insufficiency, growth failure, pulmonary hypertension, developmental delays and others, and also with increased mortality.

Several years ago SIBEN started with a process called “Clinical Consensus”. In brief, this process’ objective is to modify and standardize practices based on education and evidence. It is a concerted effort by neonatologists and nurses from diverse areas of the whole region. In a rigorous manner, the work is carried on during one year by electronic means and communication, searching for the best available evidence to provide answers for the most important clinical questions. Then, in a meeting the clinical issues are presented and discussed collectively and a ‘Clinical Consensus’ is reached. Several of these Clinical Consensuses have been recently published in peer reviewed journals (Rev Panam Salud Publica. 2014 Nov;36(5):348-54; Acta Paediatr. 2014 Oct;103(10):1009-18, among others). More importantly, SIBEN makes the information available as an all-inclusive document in its web page and in electronic and printed material, at no cost to ensure dissemination throughout many areas of the region.

**Commitment Description & Detail**

This commitment relates to performing a Clinical Consensus on BPD to decrease the gap between what is known and what newborn infants receive, in order to decrease the rates of severe BPD in preterm infants and improve outcomes and therefore neonatal survival.

The steps include the following:

- Obtain current rates of severe BPD and mortality associated with it
- Initiate and complete the Clinical Consensus process as described above
- Publish and disseminate an all-inclusive document
- Implement clinical care changes
- Obtain rates of severe BPD and mortality associated with it

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**Action Plan**
Formulate relevant clinical questions related to clinical care for prevention and treatment of BPD. Identify 50 MD’s and RN’s committed to the process of Clinical Consensus from 15 countries in Latin America. Divide them in sub-groups to search for evidence-based answers of the formulated relevant clinical questions. Gather the whole group to discuss the findings of each sub-group and reach a Clinical Consensus of the whole group. Prepare a document with all the findings and recommendations by the SIBEN Consensus Publication and dissemination of the document. Assess impact on BPD and associated mortality.

**Commitment Timeline**
The first steps (described above) have already been accomplished. Publication and initiation of dissemination and education on the document – August 2016. Assess impact – January-June 2017.