

Postpartum Hemorrhage (PPH) Mitigation

Savannah Hobbs, Megan Wenzel & Conner Marden



Problem Statement

In developing countries, generally, their government spends little money on health care, which in turn creates a system that is underdeveloped and a community that has more health issues.

This problem is prevalent among women and children, especially during pregnancy and postpartum. Postpartum hemorrhage is an issue among women in developing countries. With the assistance of InPress Technologies, we have discovered the seriousness of the problem of PPH and what we can do to combat it.

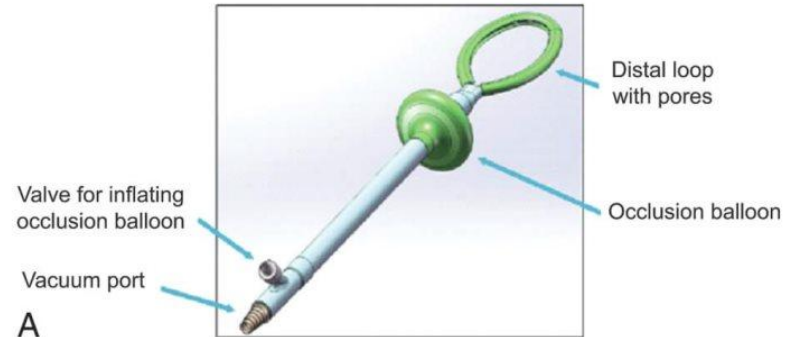
What we've done so far

- We defined PPH and the severity in the world
- Worked with Amy, Nathan & Sara from InPress Technologies to create a How to Guide
- Researched our target country, Burkina Faso, to find how the country is affected by PPH
- Addressed the severity of PPH in Burkina Faso
 - Population of 20 million
 - Maternal mortality rate of 370 deaths per 100,000 live births
 - Over 55% of these deaths are due to PPH
- Defined the stakeholders in this project



InPress Technologies & their Device

- InPress Technologies goal: “to make the InPress Device affordable and accessible in developed and developing countries thus helping save the lives of women around the world”
- The Device
 - Helps mirror the body’s natural mechanism for healing after childbirth
 - The uterus contracts back to the correct postpartum size
 - The device stops bleeding quickly and effectively without the use of pharmaceuticals, hysterectomy, or other invasive surgeries
- Limitations to the Device
 - The device is currently not FDA approved
 - Testing is being done in remote hospitals in Uganda which they hope will expedite the process



Since the last presentation

- Created a Guide on how to implement a medical device in resource poor countries
- This Guide can be used in Burkina Faso and later be used in other countries





How to Guide

- Step 1: Make sure what you do is legal
 - Attain any and all licenses, permits, etc. to make sure you are authenticated to enter the country
- Step 2: Gather background information on the country you are traveling to
 - Know cultural similarities and differences
 - Learn a few words in the local language to make for easier communication
- Step 3: Find your Key Opinion Leader (KOL)
 - Experts in their field whom locals rely on for information and research
 - Should be credible and your first point of contact before traveling to the emerging country
 - KOL's will open doors of networking and introduce you to other locals in the same field



How to Guide cont.

- Step 4: Be open to your KOL's ideas
 - Always be polite and respectful to them, they will be opening most of the doors for you
 - This is an exploratory process, be open to the ideas your KOL gives and to opportunities
 - They will be able to introduce you to the ministry of health
- Step 5: Discuss your device with the ministry of health
 - Meeting with the ministry of health is a mandatory process to implement your device in your specific country
- Step 6: Sell your product
 - Don't sell your device short, you know the benefits of using it so make sure people know what they are
 - Explain the price calculations of your device, it adds to the validity of your product
- Step 7: Target country acceptance and adoption of your product/device