

INTRODUCTION TO OB/GYN SONOGRAPHY



<http://zrhbzeds.homeip.net/funny-ultrasound.html>



<http://visualinsights.blogspot.com/2009/10/cute-cartoon-funny-baby-found-on.html>



<http://zrhbzeds.homeip.net/funny-ultrasound.html>



http://funny-pictures.feedio.net/women-s-panic-at-the-disco-festival-t-shirt/daveobrien.com*images*ultrasound.jpg/



<http://zrhbzeds.homeip.net/funny-ultrasound.html>


THE CALL FOR COLLABORATION

A CASE STUDY OF ULTRASOUND EDUCATION IN HAITI

GOAL AND OBJECTIVES

Lecture Goal:

Raise awareness of the need for a collaborative approach to ultrasound education in Haiti.

- Objective 1 – Recognize traditional ways of giving to the third world.
 - Objective 2 – Distinguish Haitian needs immediately following the natural disasters and now.
 - Objective 3 – Identify the needs addressed by ultrasound education.
 - Objective 4 – List the challenges to effective sustainable ultrasound education.
 - Objective 5 – Construct a model of sustainable collaborative ultrasound education.
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TRADITIONAL WAYS TO MAKE A DIFFERENCE

Serve

Philanthropy

Volunteer

Donate

Give

Provide

Share

Help

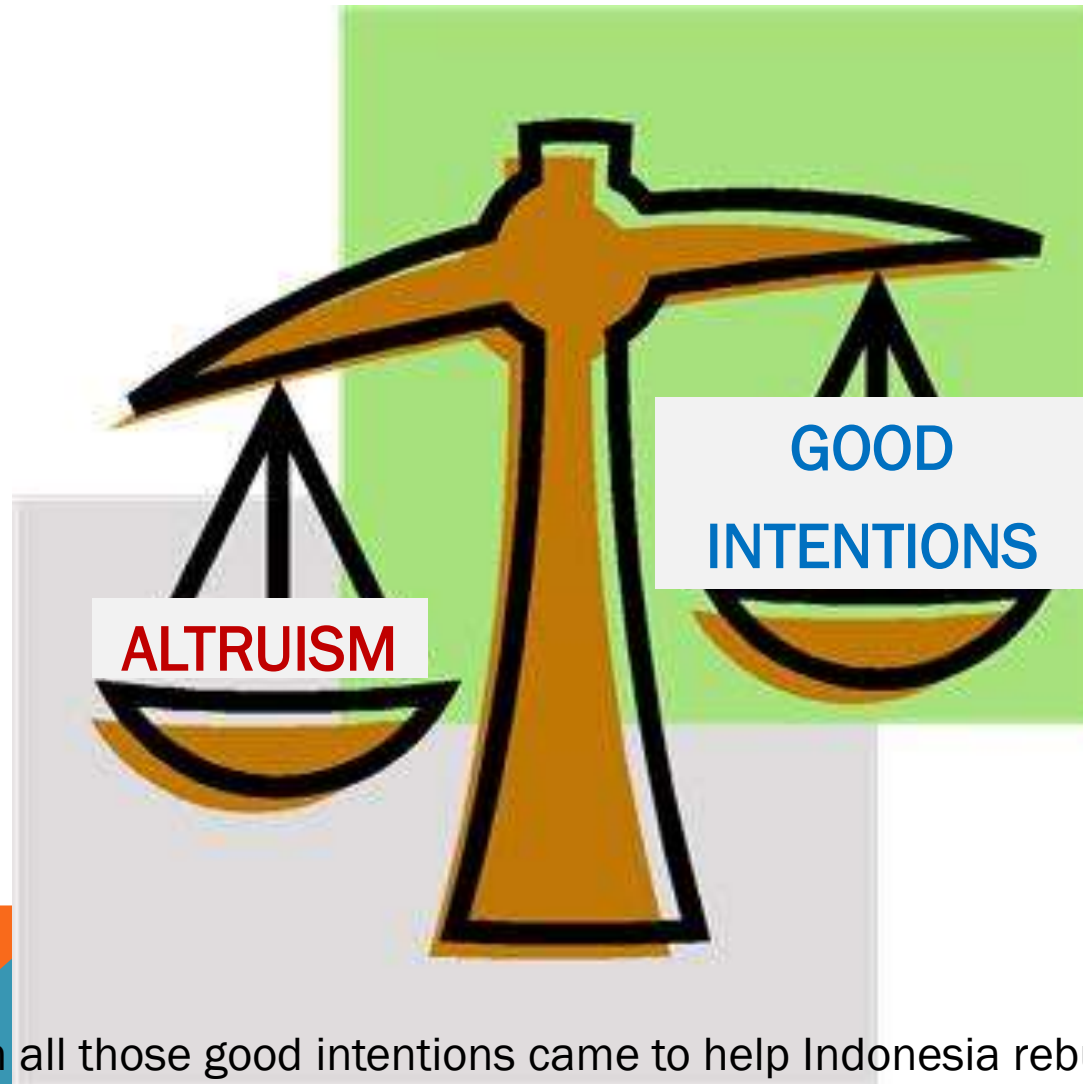
Contribute



MAKING A DIFFERENCE IN HAITI

From	To
Local	International
Possessions	Knowledge
Short-term	Long-term
Emergency Response	Sustainable Solution
Emotional Focus	Results Focus
Foreign Assistance	Native Empowerment

COLLABORATION AS THE CORNERSTONE FOR ALTRUISM



Everyone with all those good intentions came to help Indonesia rebuild from the tsunami; but the co-ordination problem was very big, because they came with their own way of doing business; they came with the inflexibility of their own governance.

~Sri Mulyani Indrawati

THE DAY THE EARTH SHOOK

- January 12, 2010 just before 5pm
- Magnitude 7 Earthquake.
- Epicenter about 14 miles West from capital Port-au-Prince.
- By January 24, at least 52 aftershocks measuring 4.5 or greater were recorded.
- 3,000,000 people affected.
- 200,000 - 300,000 killed (higher reports from Haitian government).

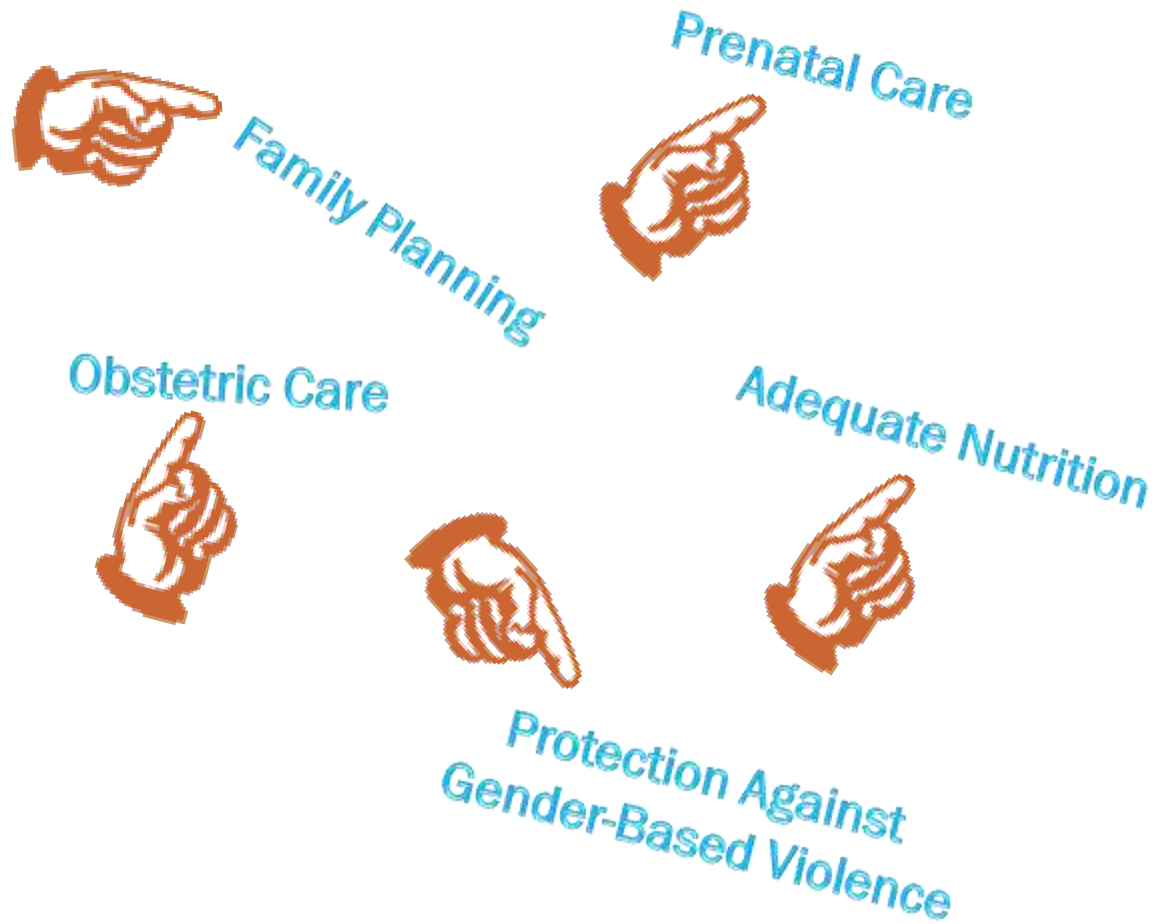


THE EARTHQUAKE AND ITS AFTERMATH

- **“At the time of the earthquake, there were app. 63,000 pregnant women and 114,000 lactating mothers among the 3 million people directly affected.**
- **Half of women surveyed reported births taking place without medical assistance, often in unsafe and unsanitary conditions.**
- **Teenagers in the survivor camps are vulnerable to sexual violence and unplanned pregnancies due to the absence of personal security and the weakening of traditional forms of family and societal protection.**
- **An October, 2010 study cited in the report found a pregnancy rate of 12 percent in the camps, three times the average urban rate prior to the earthquake. Two thirds of those pregnancies were unplanned and unwanted.**
- **Many women and girls told Human Rights Watch researchers that there is no family planning information in the camps where they reside.**
- **Based on the study’s interviews, many women survivors in the camps are engaging in sex to obtain food or other basic necessities. The study uses the term “survival sex” to describe this reality.”^{1, 2}**

HAITI TODAY

Lack of Access



WHY HAITI NEEDS A COLLABORATIVE APPROACH

- Cultural Practices
- Limited Resources
- Multi-Tiered Systems
- Tailored Solution Required
- Complex Challenges

Flexibility * Expertise * Accountability

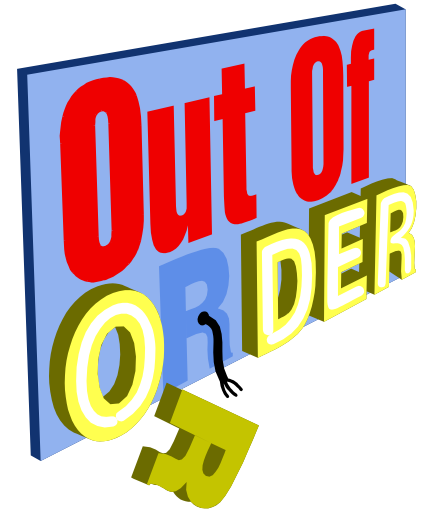
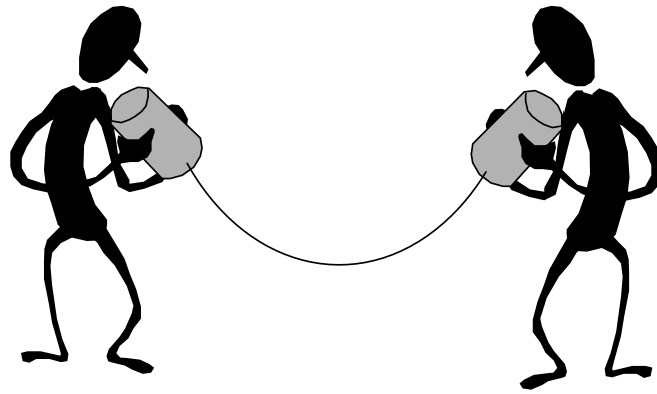
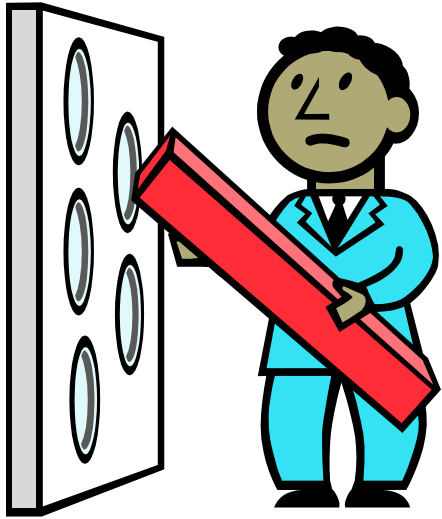
THE ROLE OF ULTRASOUND EDUCATION IN HAITI

Public Health Initiative: “Maman ak Timoun an Sante”

- Addresses fundamental concerns
- Broad reaching
- Partnership based
- Grant supported



WHY IS IT SO DIFFICULT?



HOW CAN THESE CHALLENGES BE OVERCOME?

Generic Instructional Design Model:

Analyze

Design

Develop

Implement

Evaluate



MY HAITIAN JOURNEY - DECEMBER



DECEMBER RADIOLOGY TRAINING



DECEMBER ULTRASOUND EDUCATION



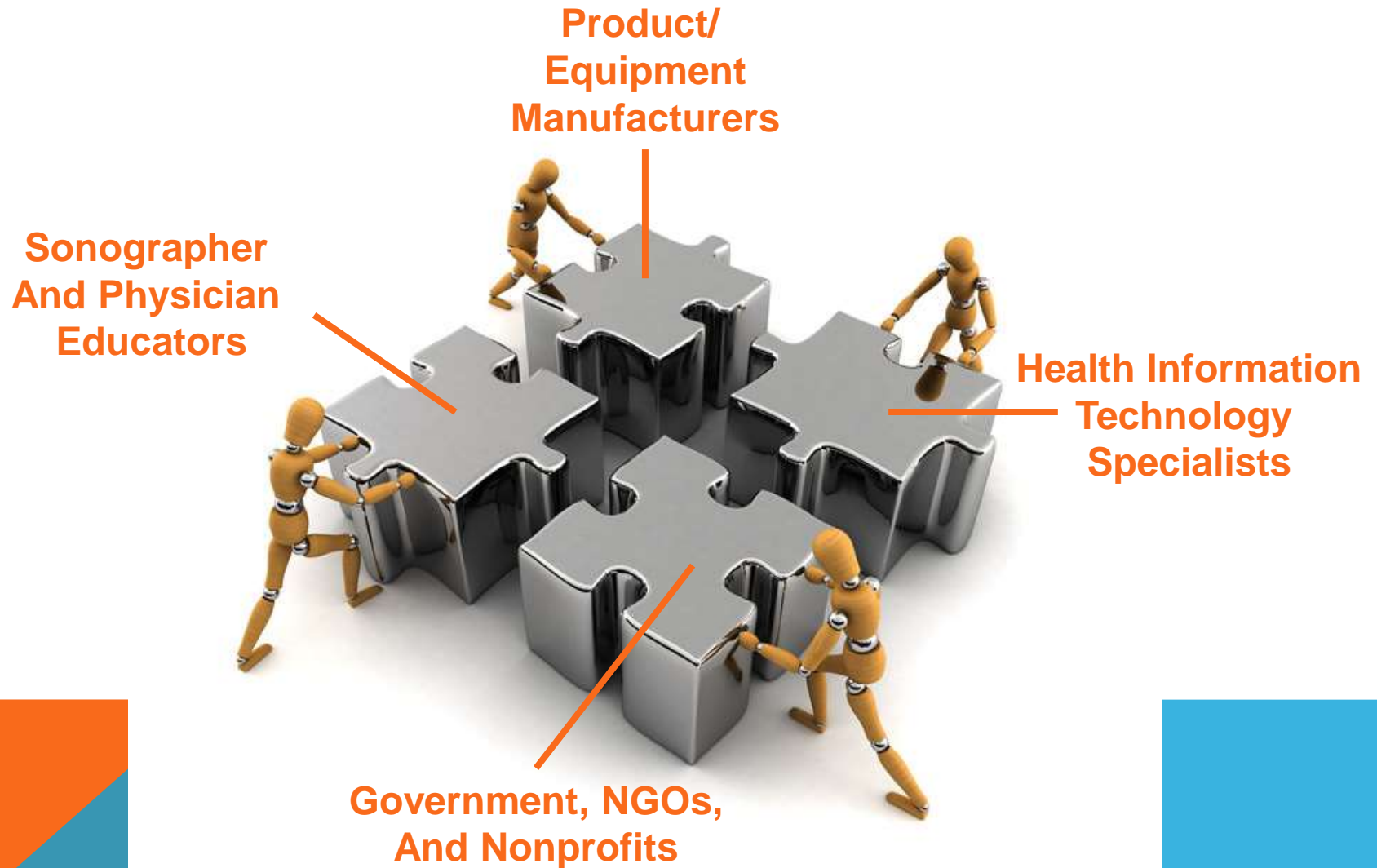
BACK TO HAITI IN APRIL



APRIL ULTRASOUND EDUCATION



SUSTAINABLE EFFECTIVE ULTRASOUND IN HAITI



TIERED ULTRASOUND EDUCATION



2nd/3rd Trimester
Obstetric Ultrasound

1st Trimester Obstetric Ultrasound

Gynecologic Ultrasound

Introduction to Ultrasound

HOW YOU CAN HELP

Product/Equipment Manufacturer

*Outreach *Donations *Supply Chains *Discounts *Education *Maintenance

Health Information Technology Specialist

*Technology Management *Inventory *IT support *Records Management

Government, NGOs, Nonprofits

*Collaborate *Clarify Goals and Objectives *Find Proper Resources *Provide Proper Structure *Prioritize Proactive Approaches *Grants *Fellowships
*Infrastructure

Ultrasound and Physician Educators

*Go *Teach *Donate a Lecture *Consult *Sponsor or Host a Student *Involve Your Current Students



CLOSING THOUGHTS

“You give but little when you give of your possessions. It is when you give of yourself that you truly give.”

— Kahlil Gibran

HELP

HAITI



REFERENCES

1. Annis, Roger (2011, October 13). Canada Haiti Action Network. “UN Agencies and CIDA Announce New Maternal and Child Health Program in Haiti.” Retrieved from <http://www.canadahaitiaction.ca/content/un-agencies-and-cida-announce-new-maternal-and-child-health-program-haiti>
2. Human Rights Watch (2011, August 30). “Nobody Remembers Us: Failure to Protect Women’s and Girl’s Right to Health and Security in Post-Earthquake Haiti.” Retrieved from <http://www.hrw.org/reports/2011/08/30/nobody-remembers-us>
3. Sontag, Deborah (2012, December 23). “Rebuilding in Haiti Lags After Billions in Post-Earthquake Aid.” Retrieved from <http://www.nytimes.com/2012/12/24/world/americas/in-aiding-quake-battered-haiti-lofty-hopes-and-hard-truths.html?pagewanted=all>
4. The World Bank (2010). “Maternal Mortality Ratio (modeled estimate per 100,000 live births). Retrieved from <http://data.worldbank.org/indicator/SH.STA.MMRT>
5. Learning Theories (2013). “ADDIE Model”. Retrieved from <http://www.learning-theories.com/addie-model.html>