




 **Jhpiego**

innovating
to save lives



A pregnant woman is shown from the side, wearing a dark blue dress with a repeating pattern of light-colored, stylized leaves or flowers. Her hand is resting on her belly. The background is a textured, brownish wall.

Sometimes the most difficult situations
are solved with the simplest of solutions.

Using the philosophy of solving problems with simple solutions, Jhpiego has developed some of the most innovative forms of care for reproductive, maternal, newborn and children's health needs.

But, it takes a tremendous amount of research and development to obtain these solutions. **With your help, we can save hundreds of thousands of lives.**

innovation is...

 **Jhpiego**

A close-up photograph of a woman with dark skin and short, curly hair, looking directly at the camera with a calm expression. She is holding a newborn baby wrapped in a red and blue striped cloth. The background is a brick wall and a concrete surface.

1

The number of ounces of vinegar to help one person. Vinegar could save thousands. Jhpiego introduced visual inspection of the cervix and a vinegar treatment as part of the single visit approach to addressing cervical cancer.

288,000

That's the number of deaths from cervical cancer each year. Eighty five percent of those deaths occur in developing countries.

Vinegar Saved Her Life.



Our goal is not only the discovery of the next cure or treatment, it's finding ways to make that cure affordable and available. Getting treatments to remote areas has been a consistent challenge.

Jhpiego has created timeless tools for breaking the geographic barriers while teaching midwives, nurses, doctors, health care providers and mothers better ways to prevent illness.

Jhpiego partners with the Johns Hopkins Schools of Medicine, Nursing, Public Health and Engineering, a rare collection of genius, invention and compassion. We tap into their combined talents to turn the latest, most effective health care solutions into practical, affordable, mass-scale applications.

innovation is...



an affiliate of Johns Hopkins University

DISTILLED WHITE VINEGAR



Jhpiego has set out to prevent the number one cause of cancer death of women in the developing world – cervical cancer. There are currently 288,000 cervical cancer deaths each year. Eighty percent of those deaths occur in developing countries. The accepted test for detecting cancer is the Pap test. But...it's not practical, affordable, readily available or always able to be administered in far-off, hard to reach locales. So Jhpiego's research with the University of Zimbabwe demonstrated that visual inspection of the cervix was as effective as the Pap test. Then, thanks to a generous donor, we were able to demonstrate that nurses could screen and effectively make a diagnosis and cure the condition with cryotherapy or freezing. In Thailand alone, 500,000 women were screened and cured at a fraction of the cost of Pap testing. Today, mothers in 20 countries, who might otherwise have died, are cured.

www.jhpiego.org

A close-up portrait of a woman in traditional Afghan clothing. She wears a large, vibrant headscarf with a red and blue geometric pattern. Her right arm is raised, showing a gold bangle and a silver bracelet. She has a blue and white striped shirt and a multi-layered necklace of red, white, and black beads with triangular metal ornaments. The background is a blurred outdoor setting.

28%

The percentage of people able to read in Afghanistan

500%

The percentage of increase in the number of new midwives in Afghanistan



Methods of Teaching That Transcend Words...

At Jhpiego, we are constantly challenged by the prospect of getting our discoveries out to the masses. Often, the people we serve aren't able to read and write as in most of the developed countries that you and I are accustomed to.

Therefore, we must come up with methods that will allow us to communicate not only by voice but by visual cues.

In Afghanistan, we introduced the benefits of midwifery on a larger scale. Before Jhpiego, there were just 467 midwives for a population of 21 million and, as a result, the second highest maternal mortality and newborn mortality rate in the world. Today, Afghanistan has 2,600 midwives, up over 500%.

Afghanistan now has an army of midwives prepared to save hundreds of thousands of lives for years to come.





2

Eclampsia is the second largest killer of pregnant women in the world.



We Are Working to Create the Real Magic Marker.

We at Jhpiego believe medical breakthroughs are only breakthroughs if people can access them. What good is a miracle drug if it's unaffordable? What value is there in an incredible diagnostic tool if it cannot be taken into remote geographies that need it most?

With our colleagues, we take on two barriers. First, the science barrier: How you combat the disease. Then the social barrier: Find ways to make the treatment or procedure accessible, affordable and available in hard-to-reach, hard-to-teach cultures and locales. Harnessing ingenuity and determination, we've been able to do it, over and over.

50¢

The current cost of testing for pre-eclampsia

1¢

What Jhpiego's test would cost to screen for pre-eclampsia

Eclampsia is the second largest cause of death in pregnant women. If detected early, it can be treated successfully. The optimal detection method for women is a protein screening that is relatively unavailable and unaffordable in the developing world. In using collaboration and old-fashioned ingenuity, we are trying to create a new way to test. The Magic Marker will be filled with test reagent instead of ink. The test strip uses inexpensive and available filter paper. This Extreme Affordability effort will allow women to screen for this silent killer for about 1 penny.



Jhpiego

is an international, non-profit, health organization affiliated with Johns Hopkins University. For 37 years and in over 150 countries, our mission has remained the same: Preventing the needless deaths of women and their families. Jhpiego empowers front-line health workers and designs and implements effective, low-cost, hands-on solutions that strengthen delivery of health care services for women and their families.

Jhpiego works to break down barriers to high-quality health care for the world's most vulnerable populations.





Here Is How You Can Help.

\$50,000

Will provide calcium for 20,000 women in the developing world, preventing pre-eclampsia and eclampsia, the second leading cause of maternal death.

\$10,000

Will train and equip 25 midwives.

\$5,000

Will buy three cryotherapy machines that last years and can treat thousands of women.

\$1,000

Prevents cervical cancer in 500 women with the single visit approach.

\$500

Provides a health post with infection prevention supplies, such as buckets, bleach and "sharps" disposable boxes.

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