



WORLD TELEHEALTH INITIATIVE

*Providing medical expertise to vulnerable
communities all over the world*

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OUR MISSION

World Telehealth Initiative provides medical expertise to the world's most vulnerable communities to build local capacity and deliver core health services, through a network of volunteer health care professionals supported with state-of-the-art technology

OUR GOALS

- » Advance the healthcare skills and capacity of local providers
- » Improve health outcomes for people in underserved communities
- » Increase opportunities for compassionate skilled health care professionals to make a difference for those in need



THE CHALLENGE

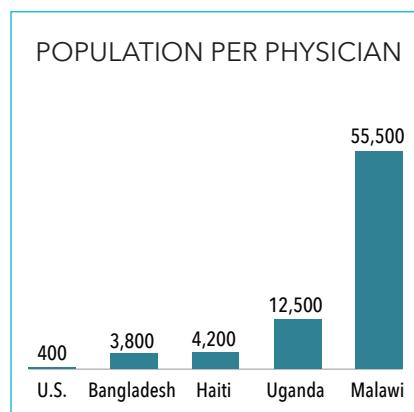
An enormous portion of the world population does not have access to proper healthcare

The World Health Organization (WHO) and World Bank report that half of the world's population does not have access to essential healthcare services because those services are inaccessible, unavailable, unaffordable or of poor quality. Furthermore, the world faces a shortfall of more than 18 million health workers. The brain drain phenomenon (the migration of health care workers from countries with low-resources and immense need to areas of high-resources and greater personal opportunity) further contributes to the disparities of access to proper healthcare. In some regions of the world, there are either very few health care experts, or none at all.

The United States has a doctor/population ratio of 1/400. On the other end of the spectrum, Malawi has a ratio of 1/55,500. Many developing countries have thousands of people per doctor. In these regions, millions of deaths occur every year from conditions that would easily be treated in

developed countries. Many of these deaths are caused by lack of access to medicine and health care experts.

Non-profit organizations around the world are trying to address this problem. Some organizations deliver medical supplies to these geographic locations of need, whereas other organizations coordinate and fund health care experts to travel for periods of philanthropic work.



The unfilled chasm left by these solutions are:

1) medical supplies alone solve only part of the problem, since often the local clinician is untrained in using these supplies effectively; and

2) with traveling health care experts, the costs of these trips are high and their limited stays do not create sustainable improvements in these societies.

A new method to solve the ongoing healthcare problem is required.

Accelerating progress towards health for all requires equitable access to health workers. We need a cost-effective solution that can provide medical presence where and when it is needed

THE OPPORTUNITY

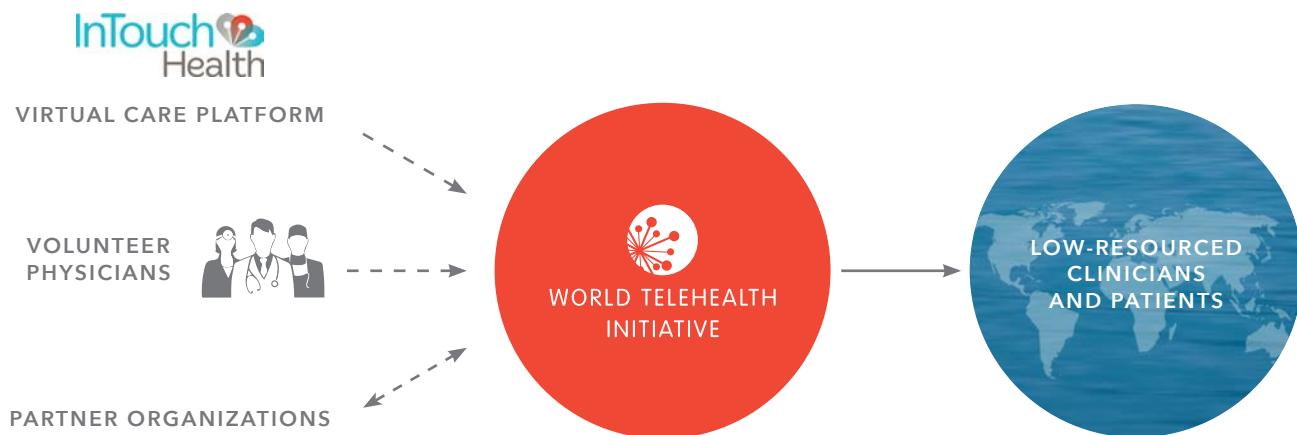
World Telehealth Initiative has an unprecedented capability to provide sustained healthcare to the world's most vulnerable communities by integrating telehealth technology with physician expertise, and collaborating with existing global health organizations

By wisely leveraging organizations such as InTouch Health, Direct Relief and others, WTI is in a unique position to revolutionize global healthcare. In particular, InTouch Health has spent 15 years and many millions of dollars in developing an incomparable cloud-based network. The founders believe there is a social responsibility to use this preeminent technology to advance healthcare where it is needed most. With proven value in developed countries, it is imperative to provide the technology to the poorest countries of the world where the needs are far greater.

One of WHO's initiatives states,

Harness, where feasible and cost-effective, information and communication technology (ICT) opportunities. New ICT tools can be of particular relevance in relation to e-learning, electronic health records, tele-medicine, clinical decision-making tools and links among professionals and between professionals and patients.

World Telehealth Initiative aligns perfectly with WHO's intent. When we invest in health, we contribute to an increasingly productive global society, which is a benefit to all.



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INTEGRAL PARTNERSHIPS



INTOUCH HEALTH

a unique network

WTI is fortunate to partner with InTouch Health. Their unique world-wide telehealth cloud-based network enables the delivery of healthcare expertise anywhere in the world that has internet. They have the highest levels of connectivity and network performance available. The connection optimization technology manages highly variable network conditions. Through the proactive monitoring and alerts, and routine maintenance and updates, a constant state of readiness is maintained.

InTouch donates the virtual care devices necessary for the telehealth program. We will primarily utilize the Lite model. Benefits and features include:

- » Authentic visual of patient through pan-tilt-zoom head optimized for doctor viewing.
- » Clear communication between doctor and patient enabled by directional audio, high quality live video and media tools all designed for the clinical environment.
- » Simple interface for stethoscope, privacy headset and I/O ports for peripherals.

InTouch's telehealth solution serves over 400 health systems in nearly 2,500 hospitals, with 11,000 physicians trained in its use.

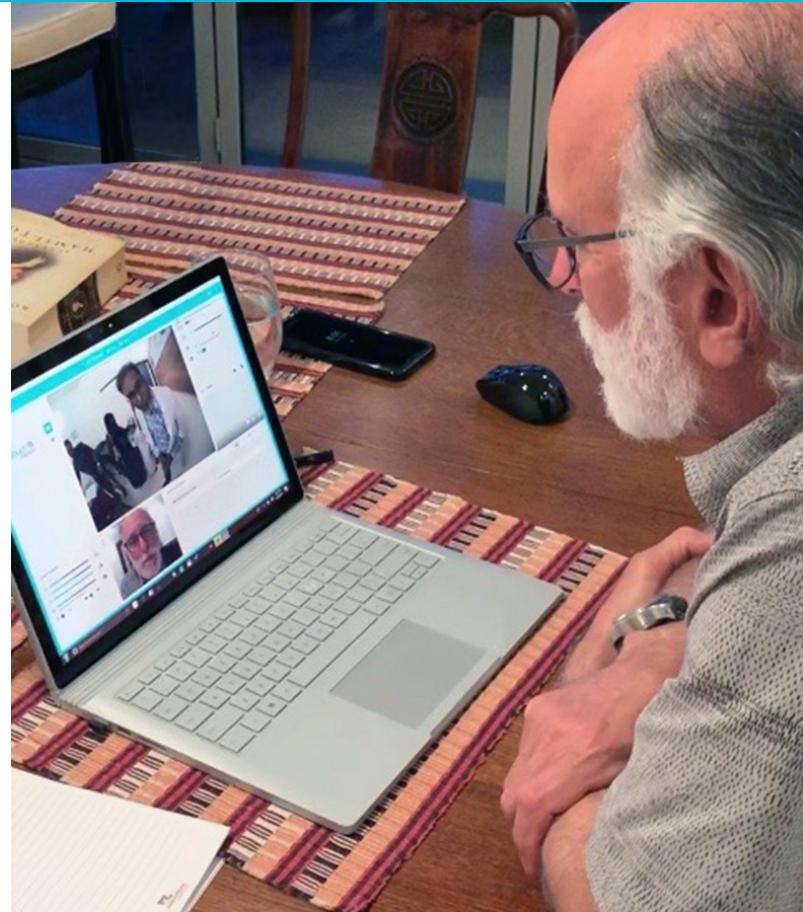


INTEGRAL PARTNERSHIPS

VOLUNTEER PHYSICIANS *and other healthcare professionals*

World Telehealth Initiative works with healthcare professionals who donate their time and clinical expertise in order to provide quality healthcare services to underserved communities. The physicians offer a wide range of specialties such as Internal Medicine, Pediatrics, OB/GYN, Infectious Disease, Psychiatry, Neurology, Surgery and Anesthesiology.

80% of doctors have a high desire to help the underserved but are restricted due to barriers of time, distance, and cost. Access to a global telehealth system allows WTI doctors to volunteer in limited blocks of time from their office or home. This greatly increases the number of professionals who are able to contribute and, therefore, improves the delivery of sustained quality healthcare.



PARTNER ORGANIZATIONS

We recognize there are many organizations already working in the field of global health. We collaborate with established leaders and emerging innovators to help identify needs and opportunities, and to provide logistical expertise for shipping, medical education, humanitarian healthcare, government relations and more. These partnerships maximize impact toward our shared goals.

PROVEN PROGRAMS

WTI's method of humanitarian healthcare – pairing philanthropic physicians directly with clinicians and patients in need – can significantly improve global healthcare for the under-privileged at scale and at a fraction of the typical cost. Our first programs in Malawi and Bangladesh have already served hundreds of patients. We currently work in Argentina, Bangladesh, Bhutan, Cambodia, Ethiopia, Haiti, Malawi, Puerto Rico, Sierra Leone, and Vietnam and expect to double our global footprint this year.



MALAWI - Fistula Care Center, Lilongwe

Our program in Malawi demonstrates the significance of WTI. The device is in a fistula care clinic and is supported by specialists from Baylor College of Medicine. The novice practitioner on site is able to regularly consult with her mentors on a variety of cases. The experts are able to observe and guide her through surgical procedures. They can also speak directly with patients to assess their condition and either request appropriate diagnostic tests and/or establish a plan for care. The on-site physician has also beamed in to the device from her residence at night when emergency situations required her oversight. Many women have already had their lives transformed with a successful surgery and care resulting from the WTI program. Due to the success of the first program, we have launched an additional site in Lilongwe at "Area 25" Maternal/Child hospital, to which we will provide surgical mentoring and clinical consultations as requested by the local providers.

BANGLADESH - HOPE Hospital, Cox's Bazar

In Cox's Bazar, critical health services were scaled up for Rohingya refugees and the surrounding host communities – nearly a million people. Vulnerable populations in crowded settlements are at a risk of communicable and waterborne diseases. Cholera and rapid outbreaks of measles and diphtheria can be a challenge. Some 50,000 births are expected in the camps over the next year. The health sector is grossly underfunded and grappling to meet the needs of the affected population. HOPE Hospital has asked for a variety of specialist support. Currently WTI has provided assistance in the areas of internal medicine, infectious disease, neurology, dermatology, mental health, pulmonology and pediatrics. Consultations are occurring several times per week and the physician team continues to grow. A second program has been added to the new field hospital within the confines of the Rohingya mega camp to better serve the vast needs of this susceptible community.





WORLD TELEHEALTH
INITIATIVE

*It isn't a question of "How can we help?" but
"How can we work together for the greatest impact?"*

World Telehealth Initiative's management team and board of directors believe that we can reform and transform global healthcare with telehealth technology. We are dedicated to addressing the underserved by expanding access to care, increasing the quality of care and improving patient outcomes.



LEARN MORE | DONATE
worldtelehealthinitiative.org