

WORLD TELEHEALTH
INITIATIVE

2020 ANNUAL REPORT

FROM OUR EXECUTIVE DIRECTOR

As we close the most trying year in modern history, my heart goes out to those who suffered due to COVID-19. The pandemic has underscored the simple truth that when one's health is compromised, access to quality medical care is of utmost importance. The fact that half the world's population lacks this access, even without a pandemic, is troubling.

Our mission began in 2017 - to provide quality healthcare to those who otherwise would not have access. Just as we were increasing our impact in early 2020, it became apparent we needed to pivot in order to respond to emergent needs. Without any action, the pandemic would most certainly weaken already fragile health systems. Fortunately, our existing relationships allowed

us to add new services while simultaneously continuing to support vital health services.

As telehealth became a recognized champion of healthcare delivery, we onboarded many more physicians who were drawn to our model of philanthropic support. At WTI, we witness the best of humanity - healthcare heroes who give of themselves to serve others. Their compassion, dedication, and resolve are inspiring!

As the World Health Organization has proclaimed 2021 the International Year of the Health and Care Worker, we will continue to train and support the frontline health workers at our partner sites, to assure the highest attainable standard of health for all.

**Throughout all of this, you are with us each step of the way.
All that we accomplished is made possible by the support and
commitment of you - our donors, funders and volunteers.**

**Thank you for making our work possible.
We are profoundly grateful.**

Warmly, Sharon Allen



SHIFTING PRIORITIES - EARLY 2020

Haiti

Bring donated ventilators online; match pulmonologists, anesthesiologist and respiratory therapists; monitor ventilated patients' care

Malawi

Nimble transition from the temporarily closed fistula surgery center to the public hospital to concentrate on COVID-19 pediatric care for those with co-morbidities

Bangladesh

Support development of 50-bed COVID isolation unit in the refugee camp and train local providers in acute respiratory distress

Puerto Rico

Increase access to mental health services

OUR MISSION

World Telehealth Initiative provides sustainable 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.



50% of the world's population lacks access to adequate healthcare.

15 MILLION additional healthcare workers will be needed by 2030 to meet the demands of the global population.

8.6 MILLION people in middle and low income countries die annually from treatable conditions.

OUR SKILLED MEDICAL PROVIDERS

World Telehealth Initiative is grateful for the healthcare professionals across the globe who generously volunteer their time and clinical expertise. Dedicated to providing both quality healthcare and equitable access, our physicians offer a wide range of specialties including Internal Medicine, Pediatrics, OB/GYN, Infectious Disease, Psychiatry, Neurology, Cardiology and Surgery. In-country clinicians and volunteer providers have a unique opportunity to learn from each other while sharing diverse perspectives developed while practicing medicine in vastly different parts of the world.

VOLUNTEER: DR. MARIJKA WESTERDUIN



Marijka Westerduin, DDS, was inspired to help others in the world beyond her own community since her teens. "If you want to reach your dreams, don't give up so easily. Fight for your dreams" Dr. Westerduin shares.

In early 2020, Dr. Westerduin packed her bags and quit her job in the Netherlands to accept a teaching position with Mercy Ships at a dental clinic in Conakry, Guinea. The clinic

provides free dental care and services, as well as training and mentoring for students from Guinea, Cameroon, Djibouti, Benin, Niger, Chad and Mali. Although her plans were abruptly halted, her desire to share her expertise remained. Becoming a World Telehealth Initiative volunteer provider has enabled her to transform her passion of working with vulnerable communities into a reality and make an impact. More than 1200 procedures were provided to patients in 2020. As a result, those patients now have a lower chance of suffering from conditions caused by poor oral hygiene, including tumors or worse conditions.

Aligning the practice of dentistry, her love of teaching and WTI's telehealth technology, Dr. Westerduin now works weekly with the dental clinic in Conakry, Guinea, directly teaching young dentists. Once taught, these young professionals then go out into their communities and practice.

**VOLUNTEERS AND
IN-COUNTRY PHYSICIANS,
WORKING TOGETHER,
MAKING A DIFFERENCE.**

"I can work on a tooth myself, but if I teach a group of people how to do the work, I make more of an impact. I can be in the Conakry clinic from my little office in my own house in the Netherlands, and actually participate in dental treatment in Africa. It's like you are a person in the room!"

- Dr. Marijka Westerduin



IN-COUNTRY: DR. ISMAIL IDRIS

Dr. Ismail Idris is the Chief Medical Officer of the HOPE Hospital for Women and Children. HOPE provides healthcare to rural Bangladeshis in the fight against high maternal/child mortality rates. They have completed over one million essential, lifesaving visits, and trained over 1000 health professionals. Now, with WTI clinical consultations from a variety of medical specialists, they are able to train on a broader variety of topics and treat a wider range of patients from their community.

“Before a consultation we always explain to the patients about the telemedicine session. When we tell them that an experienced consultant will listen about your medical problems in detail and also about your present medications and finally, he or she can help you so that you will get relief, then they believe and become very pleased. And when we give them a follow-up date then they become even more happy. As the program grows with more expertise - the more the community will benefit, certainly.”

- Dr. Ismail Idris

ARGENTINA - A STORY OF HOPE

Julian is a 3 year old boy who lives in the Santiago del Estero countryside of Northern Argentina with his 5 brothers. Julian was admitted to the local hospital because he was experiencing weakness in his limbs and difficulty breathing. His condition deteriorated rapidly, and it wasn't long before he progressed to respiratory failure, requiring breathing support with a ventilator. The healthcare providers at the local CePSI Centro Provincial Eva Peron Hospital performed a number of tests including an MRI but could not identify the problem from the scan. There was not much more that the healthcare providers at the hospital could do for Julian without consulting a Neurologist located in the capital, Buenos Aires, which is over 1,100 km away. Without telehealth, Julian's only option would have been to fly to Buenos Aires

to receive care at a larger hospital, which would be dangerous in his condition, and a flight that his family could not afford.

Thanks to the World Telehealth Initiative program, the local physicians at CePSI Centro Provincial Eva Peron Hospital were able to consult with the Neurology department at Garrahan Hospital in Buenos Aires. The Neurologists from Garrahan assessed Julian's condition via telehealth and examined his MRI scans, ultimately recommending that Julian be treated with two IV medications, immunoglobulin and corticosteroids. After receiving the necessary medications, Julian showed rapid improvement and can now breathe on his own. Julian is feeling much better and enjoying being back home with his family again.



OUR SUPPORTERS

WTI's supporters held steadfast in their generosity throughout 2020. We would like to particularly thank Teladoc Health and Intel Corporation, whose contributions in 2020 will allow us to continue to grow in 2021 and beyond.



WTI is fortunate to partner with Teladoc Health. From the beginning, Teladoc

has been a committed partner of our mission by donating their telehealth technology, equipment, and services for use in impoverished communities throughout the world. Using their devices and network enables WTI to deliver healthcare expertise anywhere in the world that has reasonable internet access. With the highest levels of connectivity and network performance available, Teladoc devices are in a constant state of readiness for all users in all locations.

As WTI's primary corporate sponsor, Teladoc Health contributed approximately \$700,000 of support in 2020, including both direct funding and in-kind technology and professional time to WTI. We are so grateful for this partnership!



Teladoc Health Lite top-of-the-line audio and video capabilities, coupled with immersion design allows WTI's medical healthcare volunteers to provide sustainable medical expertise to vulnerable communities all over the world.

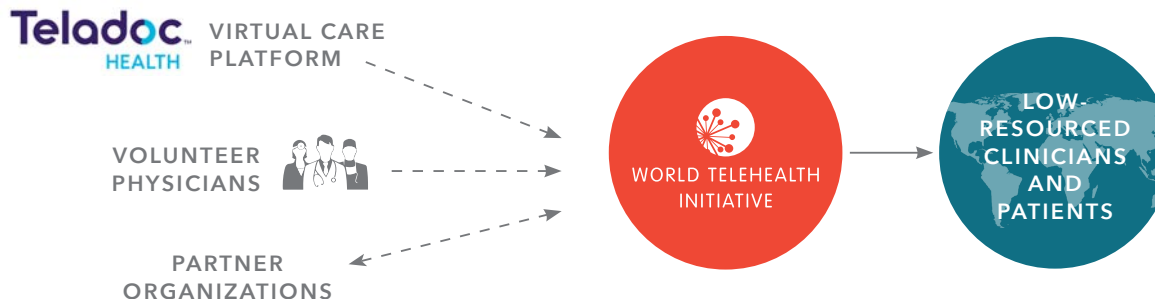
"In 2020, Intel Corporation awarded WTI funding through our Pandemic Response Technology Initiative, a \$50M program designed to help combat the COVID-19 virus by accelerating access to technology. In our selection process, we recognized WTI's global impact, their proven use of technology to assist underserved communities, and the scalability of their solution. We are proud to support WTI's efforts to enable specialist care worldwide."

- Chris Gough



GM Health & Life Sciences
at Intel Corporation

WORLD TELEHEALTH INITIATIVE ECOSYSTEM



Intel's grant is allowing us to develop a more efficient, interactive platform to match volunteer physicians with the clinicians requesting their expertise.

WHY I GIVE



SCOTT EMRICK

Scott Emrick shared that he was drawn to WTI's core tenet of improving access to quality healthcare - something we may take for granted in the United States. When he spoke about WTI with physicians he knew, and they began volunteering their time to help those in need, he was inspired to set up a monthly donation. According to Scott, leveraging state-of-the-art telehealth technology to help those in need globally is what sets WTI apart from other international healthcare nonprofits. It allows physician volunteers to share their expertise safely from the comfort of their own homes. "I've never heard of another organization doing anything like this".

Scott, we appreciate your ongoing support.



JODY DOLAN HOLEHOUSE

Jody Dolan Holehouse has been an advocate of World Telehealth Initiative (WTI) since our beginning. From a young age, Jody has always championed the idea of a global common humanity. Coming from a family that believes in service, Jodi supports causes working to provide the basic needs of healthcare, food, shelter and safety. "Everyone deserves health" says Jody. "The world is very small; to think that countries are truly separate is simply a political idea and not one based on humanity." Jodi supports WTI because "you reach out beyond country lines, actually partnering with the talent and intelligence within the country." She likes the fact that WTI "isn't coming in to change people - no - it's coming in to better the lives of the people who call that particular place home." Donors like Jody continue to make the WTI mission a global reality.

Thank you Jody, for your generosity.

NEW PARTNERS & PROGRAM LOCATIONS 2020



- Partnered with Mercy Ships and Gamal Dental School to bring dental and surgical expertise to the community of Conakry, Guinea.
- Partnered with the University of North Carolina to provide trauma surgery expertise to Kamuzu Central Hospital in Lilongwe, Malawi.



LOOKING FORWARD

As we look to 2021, we see - now more clearly than ever - changes required to improve global healthcare. We have an opportunity to improve the current trajectory, to consider new methods, to allow talented medical specialists to aid in the world's recovery. We recognize the needs and we offer a solution! WTI's team and volunteers are inspired by the opportunities awaiting us and invite you to join our efforts in transforming global healthcare. With your support, we can create a future which ensures access to quality healthcare for all.

FINAL THOUGHTS

"Telemedicine gives us a rare opportunity to truly make a lasting difference in the lives of others. By augmenting clinical capabilities through technology WTI is taking a necessary step to solving the healthcare delivery challenge. WTI can continue creating a cost-effective, scalable future for healthcare that ensures access does not have to be determined by where you were born."

- Yulun Wang, Ph.D.

Head of Research and Development, Teladoc Health and Co-founder and Chairman, World Telehealth Initiative



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