



Hikma Health 2020 In Review

January 31, 2021

To Our Supporters:

We founded Hikma Health to fulfill a singular mission: creating a world where every person is empowered with personalized healthcare, no matter where they are. The global pandemic this past year has given new urgency and meaning to our work creating free and open source software designed to improve health outcomes for underserved populations. By developing health data systems for caregivers and organizations serving refugees, displaced persons, and low-income individuals around the world, centered on their needs, we at Hikma Health are working to bring the data revolution in healthcare to the people who need it most.

Due to the ongoing COVID-19 pandemic, 2020 has been a year in which our services were more needed than ever before. Our clinical partner [Endless Medical Advantage](#) (EMA) heroically began caring for refugee patients at risk for COVID-19 as it spread in Lebanon. To support EMA, our engineering team built our clinically validated screening tool based on CDC and WHO guidelines within 2 weeks. We raised \$5,000 towards their second mobile van clinic, doubling their effective service capacity to 10,000 refugee patients. We also provided EMA with Arabic language health education resources for the refugee communities we serve. EMA staff [report](#) that in 2020, using the Hikma Health system has improved care, efficiency, and privacy for their refugee patients. Our work with EMA in Lebanon was covered in depth by the [Harvard Gazette](#).

As the pandemic struck in March 2020, nonprofit clinics from around the world that had been using paper records for decades reached out to us with a newfound need for rapid, reliable, and efficient health data software. In August 2020, we partnered with two primary care clinics in Nicaragua, the [Nueva Vida Health Clinic](#) located in Ciudad Sandino and the [Roberto Clemente Health Center](#) located in Rivas. Both clinics provide vital healthcare services to thousands of patients living in rural neighborhoods and farming communities. These clinics have traditionally relied on paper records to inform patient care, and have been searching for an affordable and easily implementable solution that is functional for their contexts. We are working with both clinics to customize and expand the Hikma Health system to fit their clinical needs. We look forward to deploying our software for both clinics in 2021.

Our team continues to improve our mobile application with novel features, including a Patient Snapshot to rapidly summarize data on each patient. Based on feedback from our clinical partners, the application empowers our partners to collect and analyze essential information about their patients efficiently and securely. Our application is the first fully free and open source mobile app to offer online-offline sync for secure health data. The 1.0 stable release of our Android application is now [downloadable](#) in the Google Play Store. You can follow our latest releases on our Github [here](#).

To support the domestic response to COVID-19, in March 2020, our team of Hikma Health researchers began studying the impact of local policy interventions to stop the spread of the virus. The team crowdsourced the largest publicly available [dataset](#) on policies from over 1,500 United States counties and indigenous communities. We [partnered](#) with data scientists from Mass. General Hospital to conduct a preliminary analysis, created a map [visualization](#), and published our preliminary findings in [JMIR](#). Through our research, we aim to empower community leaders to create public health policies that improve health outcomes.

This past year, we were fortunate to receive new financial support as [GLG Social Impact Fellows](#), winners of the [MIT \\$100K Accelerate Competition](#), and semi-finalists in the Robert Wood Johnson Foundation [Innovation Challenge](#). We have continued to spend 100% of our funding directly on development and deployment of our technology without any administrative overhead.

In 2021, Hikma Health will work tirelessly for the health of refugees and others impacted by the COVID-19 pandemic around the world. We will focus on finalizing the features for our mobile health data system based on physician feedback, providing more support for organizations independently deploying the system, and sharing our research findings with the world.

We have been empowered by your generosity to positively impact the lives of 50,000 patients around the world. We are deeply grateful for your ongoing support of our mission to democratize access to lifesaving health technology.

Warm Regards,



Senan Ebrahim



Hassaan Ebrahim