

Health Policy Forums

Transformative Technology Applications in Healthcare

Peter Raymond

*Founder and Chief Innovator
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The fall season of the Health Policy Forums concluded with a stimulating look at technology in health care and stretched our imaginations to the fullest. Our future-focused speaker, Peter Raymond, provided Forum participants with an overview of Human Condition's health care-related solutions. Human Condition is an innovative company committed to improving health care and educational experiences through the development of emerging technologies and communication toolsets.

Mr. Raymond's perspective and philosophy of technology is very practical and population health-oriented. He believes in a plethora of possibilities and examines how technologies may interact with various spaces, organizations, companies, and industries. Simply put, Raymond believes "anything is possible." He described recent trends in technology and emphasized the uptick in "applications" as the primary trend. He believes we have the capacity to build better applications, improve packaging, and use tools together more effectively.

The designer of the world's first fully immersive heart simulator, Raymond humbly described how simulation technology can serve to help clinicians

as well as patients. Heart failure is difficult to diagnose in its early stages, and the design of the simulator helps cardiologists distinguish the disease at different stages and classes of heart failure. The simulator not only helps to increase the likelihood of an earlier diagnosis, it provides the clinician with a better understanding of and empathy for the patient's experiences. It is important to mention that the venue for this simulator is a pod (*HeartFXpod*) which in its most expansive format has been a 5 pod traveling exhibit.

Human Condition has also designed simulators for Multiple Sclerosis (MS) and Restless Leg Syndrome (RLS). The MS simulator has been used by a variety of clinicians and patients to better grasp the sensation of losing balance. The RLS simulator is actually a custom-made sensory boot created to give clinicians a first-hand experience with the varying range of symptoms associated with RLS.

Another important product of Human Condition is the Walk-Up Medical Clinic, a modular state-of-the-art clinic that can be deployed in airports, grocery stores, and pharmacies. Currently in trials in 5 states, this ADA and HIPAA-compliant clinic is fully equipped with registration systems,

digital communications, and secure temperature-controlled storage.

The reader at this point may wonder, when does Peter Raymond sleep? The work of Raymond and the Human Condition does not have an end point. With the help of a video presentation, Raymond went on to discuss *Clinics Rising*, a project about which he feels quite passionate. *Clinics Rising* is a multimedia project designed to reveal the complexities of current global health issues through firsthand narratives of patients and providers. The first program of *Clinics Rising* focused on the various health care challenges and socio-environmental dynamics in northern Rwanda.

Forum participants walked away from this presentation inspired and energized to ponder new ideas as they look to the future. ■

For more information on Human Condition visit: <http://www.hcxdesign.com/>

To learn more about Clinics Rising visit: <http://www.hcxdesign.com/clinics-rising/>