



Delivering A Global Virtual Practice Of Medicine

Donald William Kuk

University of Michigan

Abstract:

Because of the global economic, quality of life and life expectancy compromises resulting from the current increasing shortage of physicians, health care and health sciences professionals, the World Health Organization (WHO) now analyzes and publishes a globally modeled and verified standard for Worldwide Physician Shortage. As of February 2019, this shortage now exceeds 4.3 million physicians, nurses and health care professionals, and is tragically acute in rural areas away from major population centers, and in underdeveloped nations. This shortage is most critically acute in Africa which at the same time, is experiencing the most rapid population growth creating the perfect storm for increasingly tragic and desperate health outcomes.

Using a combination of advanced virtual technology-based diagnostic techniques designed for hand held device access, and even more exotic virtual robotic diagnostic automation technology (VRDA), we propose and demonstrate a fully operational virtual national practice of medicine with 13,000 practitioners which is fully operational in all 50 states and Puerto Rico. This virtual medical practice is immediately scalable to a global virtual practice of medicine and provides the sustainable health care and health sciences framework that addresses physician shortages into the foreseeable future.

The extensive use of Cognitive Automation in this virtual practice allows physicians to assist patients from any location in the world with much higher accuracy diagnoses for complex multiple malady cases, and increases physician efficiency by greater than four to one.

This paper reveals every aspect of the method including the licensing and credentialing of physicians in every state and nation in order to create the appropriate regulatory framework that creates and establishes a Virtual A.I. Cognitive Automation based global medical practice. The outcomes are breathtaking and I have been asked to present the method and this same topic at the United



Nations and at Davos 2020.

Biography:

Donald Kuk began his professional health care career by graduating from The United States Air Force University's Medical School and by managing all aspects of Emergency Medical Services at Wright Patterson Air Force Base's Medical Center. He subsequently studied Statistics under Dr. William Edwards Deming at Vernay Laboratories and Lean Six Sigma under Dr. Mikel Harry along with Mr. Jack Welch and his direct reporting staff at GE's Executive University. Mr. Kuk is a globally acknowledged and well published leader (200+ papers and presentations) in global enterprise transformation (GE, JPMorgan Chase Bank, Computer Associates, AIG, BNY Mellon Bank, and Mednax Health Solutions Partner) and is a frequent event chairman and keynote presenter at national and international conferences on health care and health sciences transformation, and industry and enterprise transformation topics at MD, CEO, CIO, CTO, CISO and CDO conferences worldwide. Don is a multiple patent and copyright holder for MRI patient antenna design, CT and ultrasound image generation, and photonic (optical) computing. In his free time, Mr. Kuk races a 12 meter America's Cup sailboat out of Newport with his daughter Olivia, who begins her medical studies at the Crick DNA Research Institute at King's College in London, UK in January.

Publication of speakers:

1. Donald Kuk – Continuous Improvement Leader Extraordinaire

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