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E-cardiology: Designing second-life world for healthcare industry

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The emergence of web-based educational application has become popular worldwide. It can help patients to understand the healthcare system, disease complications, and secondary prevention. Because we are in the digital world, the healthcare system needs to be transformed. Virtual community is the second-life world in which people can communicate easily and interactively. We tried to develop the ideal collaboration ware between patients, physicians, and researchers. This program can be easily accessed and edited by anyone with high security protection and has a cloud database system. The aim of this pilot project is to globalize online communication among people in the healthcare system to improve clinical outcomes and prevent further complications. Patient confidentiality is still the most important issue and we require de-identification of all images. We not only created a community that lets people talk about their health problems with others anonymously, to share how their habits develop the disease, but this program educates people about medical knowledge with animations or something that's easy for non-experts to understand. We have a few medical experts that help answer questions or just talk about the users' problems, after which users/patients can schedule an appointment with the experts they talk to for a real check-up. This pilot program might help patients to understand the disease pattern, improve adherence to their program, and become closer to individualized medicine.

Biography

Chayakrit Krittanawong has completed his M.D. at the age of 25 years from Phramongkutklao College of Medicine, Mahidol University, Bangkok, Thailand. He is one of the Cardiovascular Disease Research Fellow from Mayo Clinic, Rochester, MN. His researches focus on cardiac rehabilitation and Spontaneous Coronary Artery Dissection (SCAD), transcatheter aortic valve implantation, and healthcare innovation and technology. He is also the founder of Wikiheart. He will be on the board of Directors of Dr. Son Aesthetics Inc., and the Dr. Son Group in 2016.

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