Professors in Simulation – March 2019

DR. ANAND HINDUJA, CHSE, MBBS, MHA (Gold Medalist), CCEBDM (Diabetes),
CONSULTANT PHYSICIAN & ADJUNCT FACULTY –
CLINICAL SIMULATION, SYMBIOSIS INTERNATIONAL UNIVERSITY, INDIA

Perspective From India:
Simulation Is Often Misunderstood As A Substitute For Clinical Bedside Learning

Dr. Anand Hinduja’s first brush with simulation took place in 2013, during a high-fidelity simulation workshop in a medical college in India.

“Frankly, I was completely unaware of the level of fidelity offered by simulators. I was awestruck during the course and made up my mind that I need to focus on gaining knowledge in this field. I instantly realised that simulation could revolutionise the teaching of medicine in India.”

Since then, he has developed more than 50 scenarios based on emergencies encountered in Internal Medicine department with a focus on endocrine and toxicological emergencies.

Dr. Hinduja is excited about the unlimited possibilities created by simulation, including the recreation of rare cases – previously only found in textbooks – that can be rereated.

“In our institution, we challenge students by creating regular case scenarios, but we change the patient parameters, such as an underweight or obese patient, setting up bronchial resistance indicative of chronic smokers, or pulse deficit indicative of peripheral arterial disease. Without simulation, the students can not experience these permutations.”

A challenge for the field, he says, is that people misunderstand simulation, and mistake it for clinical bedside learning. But with awareness, that will improve.

And certification, he said, especially in a country such as India, where simulation is nascent, is a key to that awareness.

“Since my certification as CHSE, it has become easier to convince stakeholders on experimenting with simulation in their institutes as a pilot project and charter a future course of action.”