

28<sup>th</sup> World Congress of Internal Medicine

E-learning and Surge Capacity

Donna F. Barbisch

#### Abstract

The need to surge to meet patient care needs that exceed expectations is an increasing challenge to the healthcare community. Current exercise programs present scenarios to challenge healthcare workers, however limitations in exercise design limit the ability to address the complex sub-issues surrounding internal medicine surge capacity. Defining and implementing solutions requires dynamic programming algorithms that address optimal solution based on optimal solutions to the sub-components of healthcare surge. Using evidence based integrated scenario planning to addresses the complexity of today's internal medicine challenges, we can use information technology and e-learning to deliver the ability to recognize the critical points of failure and build solutions in managing overwhelming surge requirements. This presentation will present processes to develop comprehensive programs that prioritize activities and link the necessary resources to provide optimal outcomes in surge capacity for the internal medicine community.