



## Academy of Prosthodontics Annual Scientific Session Naples, Florida | May 3 – 6, 2023

### Program Speaker – Robert L. Hannan & Muhanad Shraiteh

#### **Title**

Transforming Healthcare with Imagination, Innovation, and Inspiration

#### **Abstract**

The mission of the Nicklaus Children’s Advanced Projects Laboratory is to imagine, innovate, and inspire. To impact and empower patients over a lifetime. We use digital transformation to work towards these goals. With many years of experience in the digital innovation space, we have been able to provide physicians with the tools to care for patients to the best of their ability. In this presentation, we’ll discuss the development of our vision and how it has led us to where we are today, and how it will lead us into tomorrow. We’ll give a detailed breakdown of our workflow on a macro and micro level, including lessons we’ve learned and changes we’ve made throughout the years we’ve been in operation.

#### **Learning Objectives**

1. To explain the vision of digital transformation in medical care
2. To breakdown Nicklaus Children’s Advanced Projects Laboratory’s digital transformation workflow
3. To provide an overview of the various challenges of digital innovation in a hospital environment

#### **Biography**

Dr. Hannan, MD

Senior Medical Director, Advanced Projects Laboratory (APL)

- Education
  - o University of California Berkeley, BS; University of California, San Francisco, MD; Internship and General Surgery Residency Brigham and Women’s Hospital, Harvard Medical School; Cardiothoracic Surgery Fellowship, Brigham and Women’s Hospital, Boston Children’s Hospital, Harvard Medical School

- About Dr. Hannan
  - Dr. Hannan holds multiple patents of medical devices. His interests include delivery, measurement and transparency of quality medical care, advanced imaging, immersive technologies for patient care, and the use of innovation in clinical care and education.

Muhanad Shraiteh, M.Eng.

- Senior Medical Director, Advanced Projects Laboratory
- Education
  - University of Florida, BS; University of California, San Diego, M.Eng;
- About Muhanad
  - Since joining the team in 2021, Muhanad has assisted the APL in advancing their vision to the next level through digital transformation, 3D printing, and immersive care.