



[Cleveland Clinic Children's](#), part of [Cleveland Clinic](#), offers medical, surgical and rehabilitative care for infants, children and adolescents in Cleveland, OH.

The DiMe Society resources, especially V3, really helped me wrap my brain around how the different types of validation need to be studied differently, and provided the vocabulary to differentiate these concepts.



—Animesh (Aashoo) Tandon, MD, MS, Director of Cardiovascular Innovation, Cleveland Clinic Children's



The Opportunity

- » Dr. Tandon is a pediatric cardiologist with research focused on using wearable biosensors to improve detection for clinical deterioration in patients with congenital heart disease (CHD).
- » Few wearable biosensors are made for or tested in children or those with CHD.



The Resource

- » [V3](#) gave Dr. Tandon a framework to think about:
 1. How to evaluate whether a wearable biosensor is useful within the context of a specific study
 2. How to improve study design if a wearable is used, specifically as it relates to the testing and implementation of wearable biosensors for CHD and in the pediatric population.
 3. The analytical validation and clinical validation required to ensure fit-for-purpose wearable use in a study.
- » By using the V3 framework he is able to focus not only on the data to be collected, but also the patient and parent experience.

Learn more about Dr. Tandon's research [here](#).