

Deployment of Telehealth for Pediatric and Maternal Services

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INTRODUCTION:

We are currently in the midst of the digital era and are witnessing an exponential increase in novel technologies deployed in healthcare. The pandemic has accelerated the adoption of many of these technologies, specifically telehealth and virtual care services. This presentation will focus on the deployment of telehealth for pediatric and maternal services.

MATERIAL AND METHODS:

A telehealth program designed for pediatric acute care, ambulatory pediatric sub-specialty care and for high risk maternal services was designed over the course of 6 months and deployed over a course of 2 weeks at a national level. This accelerated deployment was due to the onset of the pandemic which required rapid pivoting to a four operational model and agile deployment methodology.

Results:

Full deployment of Telehealth services for more than 2000 clinicians was accomplished. The types of services spanned from NICU, PICU, Obstetrics, MFM, Pediatric Surgery, pediatric Cardiology, Pediatric ENT, Developmental Pediatrics etc. There was a mix of a variety of clinical virtual services which included: screening for urgent care, consultation and prioritization of care.

CONCLUSIONS:

This program deployment highlighted several important factors that can serve as valuable lessons for future implementations:

- When legislative barriers are removed the deployment cycle is
- When there is high clinical engagement, as with deployment is possible solely
- Work flow optimization and a design thinking consumer-centric approach

BIOGRAPHY:

Ingrid Vasiliu-Feltes, MD MBA is a healthcare executive, futurist and globalist who is highly dedicated to digital and ethics advocacy. She is a passionate educator and entrepreneurship ecosystem builder, known as an expert speaker and consultant. Through other careers she has received several awards for excellence in research, teaching or leadership. This past year she has been named one of the Top 100 Global Health care Leaders, Top 100 Global Finance Leader and Top 100 Women in Crypto.