Augmented Personalized Health: Using Semantically Integrated Multimodal Data for Patient Empowered Health Management Strategies

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Augmented Personalised Health (APH) is a vision to enhance the healthcare by using Artificial Intelligence (AI) techniques on semantically integrated Patient Generated Health Data (PGHD), environmental data, clinical data, public health data and social data.

While the ability to create and capture data is already here, the upcoming innovations will be in converting this BIG data into SMART data through contextual and personalized processing such that patients and clinicians can make better decisions and take timely actions for Augmented Personalized Health.

Current APH Applications: (a) Patient Evaluations Ongoing: Pediatric Asthma, Bariatric Surgery, [Dementia - Caregivers] (b) Preliminary: ADHF, Liver Cirrhosis