

Keep Children Active : Virtual Reality-Based Exergame for Hospitalized Children with Cancer

"Keep Children Active" focuses on the use of active video games (AVG) in virtual reality (VR) as a tool for Adapted Physical Activity (APA) for children hospitalized with cancer. Indeed, APA is recognized as a highly effective non-drug therapeutic strategy to combat the symptoms related to the disease and its treatments. However, various constraints (physiological, psychological, and conceptual) lead to significantly lower levels of APA practice among children hospitalized with cancer compared to healthy children. This is why Virtual Reality emerges as an innovative and engaging solution to promote APA practice in this population.

In collaboration with [CHU Rennes](#) and [Centrale Supélec](#), Keep Children Active aims to propose a engaging and safe VR-based exergaming platform to promote APA among hospitalized children with cancer.

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IEEE VR 2025 - Exploratory study