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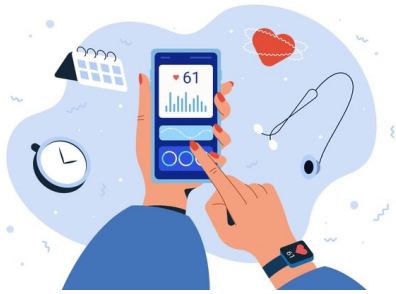
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Despite over 7 million Americans living with visual impairment—a number exceeding those with heroin dependence—this demographic remains substantially under-researched. Visual impairments, vision loss and blindness, are not merely an absence of sight but are associated with far-reaching physical and psychological health.



Accessible Healthcare Lab

Keywords

Accessibility, health behavior, health literacy, intervention research, mobile health, visual impairments

Research Interests

- Developing mobile health interventions to enhance physical activity, dietary habits, and sleep behaviors among adults with visual impairments
- Enhancing health literacy among adults with visual impairments through accessible health information development

Current Projects

- PCHA project: Development of a conversational health agent for individuals with visual impairments
- EXVIA project: Development of a home-based exercise program for individuals with low vision and blindness
- Theory development: Health literacy, eHealth literacy, and health behaviors of people with visual impairments

Interest Areas for Collaboration/Future Work

Dr. Choi is interested in collaborating with nutrition scientists to design a mobile health application that supports eating behaviors and improves food literacy for individuals with visual impairments.