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# AVA VISION IS USING INTERACTIVE TOUCHSCREEN GAMES TO ENHANCE PATIENT WELLBEING

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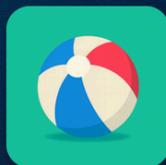
*AVA Vision leverages NUITEQ's interactive multitouch technology to enhance patient motor skills and wellbeing at a Korean Hospital.*



Cognitive Games



Creativity



Leisure Games



Misc



Reaction Games

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## OVERVIEW

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Responding to a request from Samsung Woori Hospital in Hwaseong for improved patient care solutions, AV specialist AVA Vision installed a unique multitouch display in the hospital's recreation area.

Leveraging NUIEQ's Campfire software, AVA Vision created a collaborative rehabilitation tool that enhances motor skills and social interaction for seniors and patients with Alzheimer's disease.



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## CHALLENGE

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Samsung Woori Rehabilitation Sanatorium Hospital needed a therapeutic solution to boost engagement and wellbeing for long-term patients.

Moving beyond traditional methods, they required a tool to:

- Combat isolation by encouraging socialization.
- Enhance motor skills through physical interaction.
- Support cognitive health, particularly for Alzheimer's patients requiring memory stimulation.



## SOLUTION

AVA Vision transformed the rehabilitation space by installing a large-format multitouch table powered by NUITEQ's Campfire software. Featuring 32 simultaneous touch points, the display serves as a communal hub, allowing multiple patients to interact at once and turning therapy into a shared social activity.

The solution utilizes a suite of gamified applications to target specific rehabilitation goals:

- **Social Collaboration:** Cooperative games that require focus, precision, and teamwork.
- **Cognitive Stimulation:** Memory exercises designed to boost concentration and brain health.
- **Motor Skill Development:** Rhythmic touch interactions to refine fine motor control.
- **Reminiscence Therapy:** Media tools that allow Alzheimer's patients to view and discuss personal family photos.

## OUTCOME

### Enhanced Socialization

The shared activity immediately sparked spontaneous conversations among groups.

### Therapeutic Impact

The system provided non-intrusive motor-skill training and triggered meaningful memories in Alzheimer's patients through personal photo interactions.

### Emotional Wellbeing

Patients reported renewed joy and relaxation, expressing pride in being able to "*play games just like youngsters.*"

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*The touch table is the link that connects multiple patients, helping them relax and start small talks as soon as they play.* - Dr. Yoon, Director, Samsung Woori Rehabilitation Sanatorium Hospital

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## ABOUT AVA VISION

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AVA Vision Co., Ltd. is a technology-based company specializing in system integration for audio and visual applications and networks. Based in South Korea, AVA Vision develops interactive products and offers a range of solutions, including touch sensors and 3D displays, to a wide market. They focus on delivering innovative digital experiences that bridge the gap between users and technology.

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## ABOUT NUITEQ

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NUITEQ is a global company specializing in collaborative, interactive, and educational solutions for a variety of markets, including Education, Corporate, and Entertainment. Dedicated to stimulating engagement and unlocking creativity, NUITEQ's products are used by businesses and institutions worldwide.

## CONTACT

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