



# BBY™

## MEANINGFUL ENGAGEMENT

Boredom, loneliness, and a loss of ability to do things independently leads to reactive behaviors.



A proven\* **DEMENTIA CARE TECHNOLOGY** that invites residents to activity they can do themselves.

## Quality of life is largely defined by the activities available DR. MARIA MONTESSORI

ABBY is Ambient Activity - mounted to a wall, easy to access, and available to a resident on a 24-7 basis when care-staff is not available. Based on Montessori principles, ABBY invites residents to engage in activity they can easily do themselves with their remaining abilities and interests.

### ABBY promotes independence, emotional well-being, cognitive stimulation, and physical activity.

Appearing nostalgic and familiar, ABBY guides a resident to **pet the cat** with a surprise outcome. **Turn the wheel** to find themselves driving on a lovely country road. **Turn the radio** knob to discover a favourite song! There are games to play and plenty of stimuli to uncover.

### Customized media on ABBY.

Family members and care-staff can upload personalized media content and manage ABBY platform features on AMBIENT ACCESS, the ABBY administrative customer portal. Old family photos, favorite TV shows and songs reinforce familiarity, personal identity, and intergenerational connections. AMBIENT ACCESS provides a meaningful way for family members to contribute to the care of their elder in care.

### ABBY is a non-pharmacological dementia-care intervention.

When a resident interacts with ABBY, preselected and familiar pictures, videos, and songs are played. Residents can independently relive memories. When absorbed in personal memories, residents are in the moment – calmed and engaged.

ABBY enhances family visitations and care-staff involvement with a resident.

### \* ABBY is clinically proven Dementia-Care technology.

Clinical trials demonstrate that the use of ABBY in Long-term care

- Reduces responsive behavior (e.g., wandering, vocalizing)
- Promotes independent engagement in meaningful activity for people living with dementia.
- Alleviates staff burn-out often reported in supportive-care facilities.

The impact of ABBY on people living with dementia in long-term care - University of Toronto Research Evaluation – Journeys to Engagement.

### ABBY provides cost savings to Health Care Systems

- The estimated Social Return on Investment (SROI) shows a base case scenario of \$3.9 of social value generated for every \$1 invested in ABBY implementation after one year, \$7.6 after two years, and \$11.2 of social value for every \$1 invested in ABBY implementation after three years of use.

The measure of cost savings to the public health care system - a joint study by UNB Saint-John/UdeMT – ABBY SROI-Cost Benefit Evaluation.



Follow the research at [ambientactivity.com/research](https://ambientactivity.com/research)

## LEADERS IN AMBIENT INTERACTIVES FOR ELDER CARE



**AMBIENT  
ACTIVITY**

ENHANCING QUALITY OF LIFE IN CARE

Care support technologies embedded in the care environment to enhance quality of life and reduce care-staff strain.

Arrange a virtual demonstration  
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