

Technology can help to...

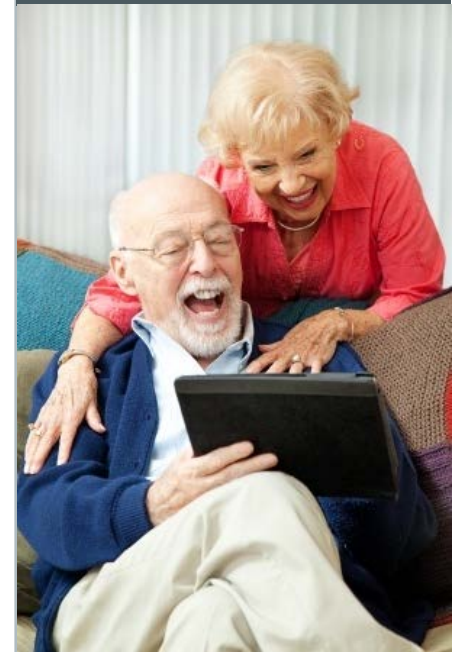
- **Reduce the risk of falls**
- **Enhance safety when using kitchen appliances**
- **Alert caregivers in case of wandering**
- **Provide reminders to use grab bars**
- **Allow you to see visitors at your door**
- **Monitor internal states through art**

Monitoring psychological state using an ePAD

An ePAD, or “Engaging Platform for Art Development” is a family of devices that uses a touch screen interface to provide simple art activities through which a therapist can monitor one’s engagement, responsiveness, and internal state. These are typically used with individuals with Alzheimer’s disease.

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Technology for your Safety



**Pennsylvania-
Delaware Geriatric
Education Center**



Wander Management

- **Project Lifesaver** – Small device worn that emits a radio frequency and can be activated if the individual wanders. A signal is then sent to alert local law enforcement, civic groups, businesses, and caregivers.
- **Care Watch** – At-home monitoring system with day and night modes that can be customized to an individual's needs. Settings include sounding an alarm when an individual opens a door to exit the home or gets out of bed at night.



Home Safety

- **“Smart” Front Door** – This system hooks a camera up to the doorbell and is activated when someone is at the door. The individual in the home can open the door using voice activation technology once they have seen who it is at the door.
- **“Smart” Grab Bars** – Provide an auditory or visual cue to remind the individual to use the grab bars to increase safety and reduce the risk of falls
- **Motion and Pressure Sensors** - Can be installed in floors, under mattresses, etc. to be activated when there is movement. Sensors under mattresses turn on bedside lights when a person exits the bed. If there is a lack of movement in certain areas of the home for certain periods of time, caregivers will be notified.

Kitchen Safety and Food Preparation

- **Smart Wave Technology** – A microwave with the capability to identify the food and determine cooking time. The microwave also has audio and visuals that outline steps for food preparation and alert the individual when it is completed.
- **Gator Tech Smart Home** – A system that allows caregivers to monitor appliance use remotely and turn appliances on or off as needed if safety concerns arise.

