

TELIKIN

IN UNITED HEBREW THE TELIKIN IS USED FOR

- Patients to listen and watch youtube while exercising.
- Read the news and check the weather (allows them to use touch screen computer for fine motor skills.)
- Games- Memory game, Blackjack, and Photo Scramble. Did not play FreeCell or Mahjong.
- Use the calendar to record certain information (typing helps to strengthen their fingers).

MEMORY GAME HAS

- Improved hand-eye coordination.
- Improved dexterity -the development of these skills allows one to be able to complete tasks such as writing, drawing, and buttoning.
- Keeps the patients mind sharp.

	Finger to Nose Pre-test	5 weeks Later....	Finger to Nose Post-test
Lizzy	5.30		5.10
Al	6.91		6.01
Pam	4.11		2.37

*Times are recorded in seconds

* Right hand is the dominant hand

NOTE: The post-test proves that the Telikin memory game has improved coordination, since times have improved.

Telikin is a great tool for the elderly. Telikin's touchscreen monitor allows fine motor skills to be strengthened, which helps the elderly function more successfully on an everyday basis. If the muscles in their fingers and hands are strengthened using the monitor, they are able to perform necessary self-care skills. These skills include opening doors, cutting, writing, getting dressed and eating food with utensils. The post-test proves that coordination has improved in just five short weeks. We cannot imagine the results if the patients used the Telikin more than once a week for much longer than five weeks. We plan on continuing to monitor and record data on how the Telikin improves coordination and dexterity.

Telikin is a friendly operating system for the elderly. Our suggestions would include making it a multi-user operating system, which will allow more than one user to be able to successfully use the system. For the elderly with no mobility or limited ability in their arms Telikin could make a device that recognizes voice commands to navigate the operating system. Another great idea is to allow the customer to customize their own computer. The layout of the operating system is key to the success of Telikin's easy layout and it would be easier for customers to customize the features to what they prefer. For example instead of the news being a feature, maybe a link instead can go to a bank account or shoprite.com to look at the ads. Last suggestion would be to make the system more eye catching. The font could be darker and easier to read, as well as the buttons being different colors to distinguish between different items. We would also be interested if a word processor could be added to the features, since some elderly patients would like to keep notes or practice typing.

Telikin not only improves dexterity and coordination, but is an incredible communication device for the elderly. This system will allow many families to reconnect and check in on their family in many different ways. They may contact each other by sending pictures, emailing, and even physically being able to see them while using video chat. This operating system will help the elderly in many different ways both physically and mentally.