U.S. Department of Veterans Affairs

Veterans Health Administration
Eastern Colorado Health Care System

SCI/D ASSISTIVE TECHNOLOGY

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DEFINITION:

Assistive Technology is a broad spectrum of options to provide alternative computer access, access to electronics/phone, alternative ways to communicate, access to your home environment, and adaptations to support access to technology.

Any item, piece of equipment, or product system, whether acquired commercially, modified, or customized, that is used to increase, maintain, or improve functional capabilities of individuals with disabilities.

AT INTERVENTIONS

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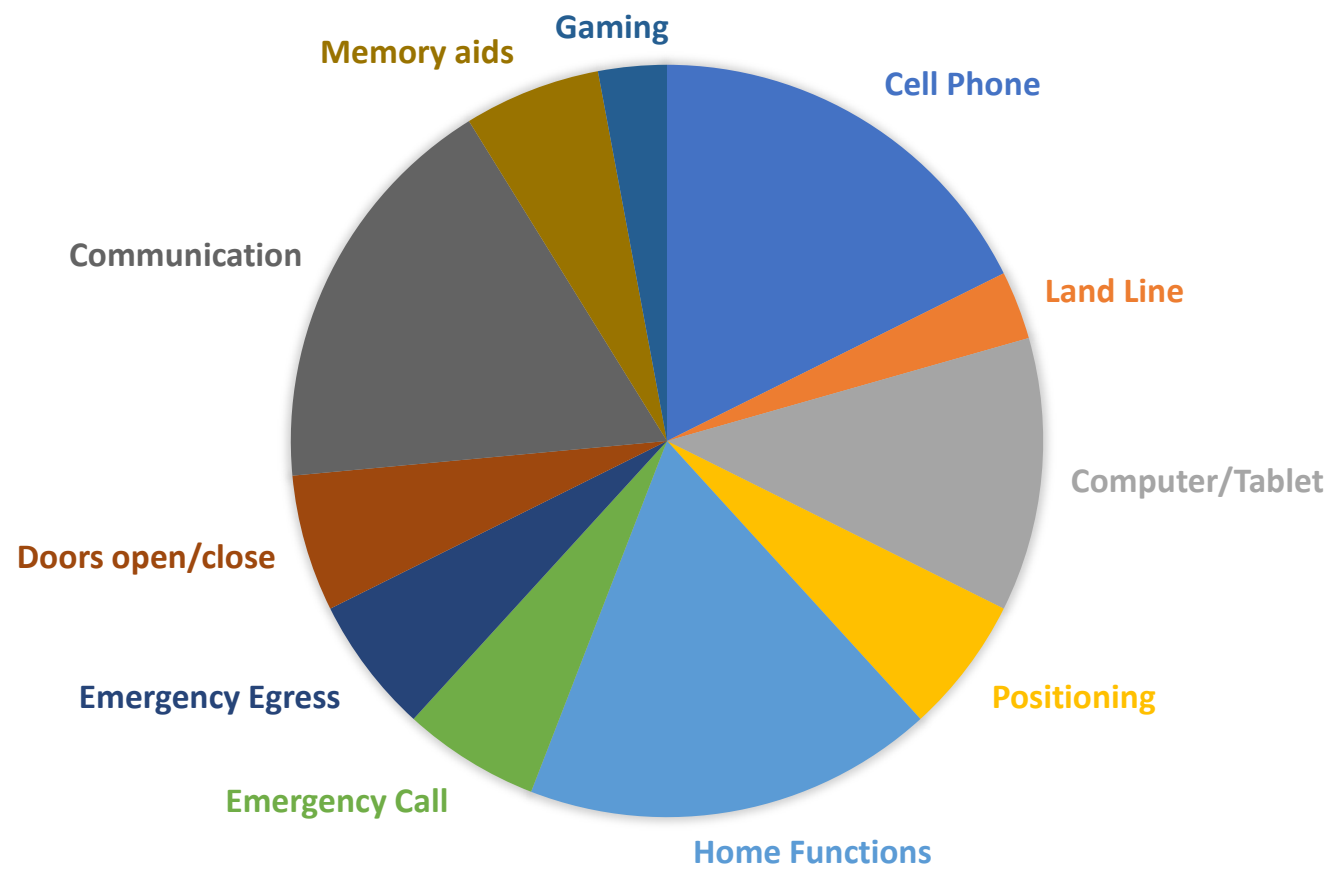
- Touch (hand, foot, mouth)
- Voice
- Switch
- Eye Gaze

Low Tech:

-Built in options

-Adaptive tool

High Tech:

-Integrated computer system or software for all environmental controls

Cell phone access:

-built in options (accessibility options, set up)

-positioning of device (case, lanyard, pop socket, mount)

-access method (voice, stylus, wheelchair access)

Access to land line telephone

-positioning

-access method (touch, speakerphone

-environmental control unit

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Computer/Tablet Access:

-set up positioning (ergonomics, mount)

-hardware (external devices, mouse/keyboard)

-software (built in versus commercially available)

-equipment(typing aid,stylus)

Positioning of existing devices for improved access

-equipment (lap tray, over bed table, mount)

Access to home functions such as lights, remote controls, heaters, stereo
-standard options
-built in options (voice access remote
-apps (for phone or tablet)
-smart home technology (convenience, energy conservation, accessibility)

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Emergency Call access:

-medical alert button

-smart watch

-phone holder

Emergency egress to home:

-equipment (ramps, lifts)

Door opening/closing:

-adaptations (door pull, lever handle, automatic door)

-Low tech (paper, dry erase board, adaptive pen)

-Text to speech app (software on phone/computer

-Augmentative and Alternative Communication (integrated system)

-Low tech (written reminders/post its)

-Calendar (written or on technology

-External reminders (timers, alarms , environmental controls
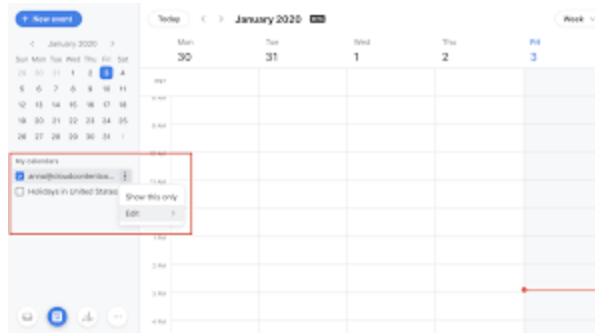
-Adaptations to controller

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QUESTIONS