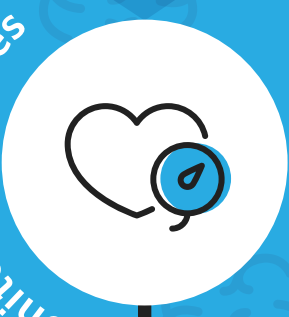




+ DETECTION & PREVENTION

While many technological tools focus on improving post-stroke recovery, there are technologies that help people who are at-risk for stroke detect and manage their risk factors.

monitoring devices



Blood pressure monitoring devices are readily available and easy to use at home. The most common and reliable type of monitor is a blood pressure cuff. Other forms are available for use on the wrist or finger.

Brain scanning devices are able to capture images of the brain so neurologic professionals can better determine the nature of the injury to the brain, the severity of the injury and recommend appropriate treatment.

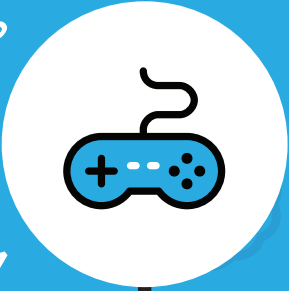
scanning devices



+ POST STROKE RECOVERY

Technology like video games and apps for phones and tablets can not only help with stroke recovery, they can also improve quality of life for stroke survivors.

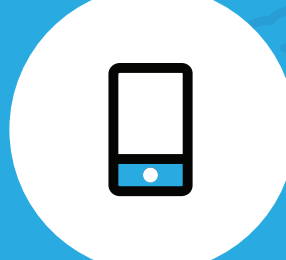
video games



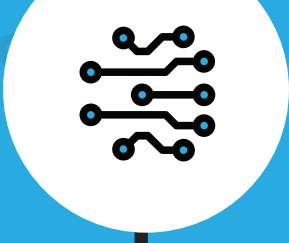
Video games can improve rehabilitation plan adherence for some stroke survivors. Video games are designed to keep players engaged and motivated while stimulating different parts of the brain to support their recovery.

A cell phone or tablet can instantly grant stroke survivors access to thousands of apps aimed to help users have fun, organize nutritional information, support aphasia recovery, and so much more.

mobile apps



robotics



Robotics can be helpful in stroke recovery because they can be attached directly to the body and support limb movement and neurological pathway recovery. When used in rehab, robotics may be able to determine the strength of muscles and the progress that patients are making while using the robotics.

Some stroke survivors experience difficulties communicating after a stroke. There are dedicated devices to help stroke survivors communicate. There is also software that can be loaded onto your computer to assist survivors in communication challenges.

communication help



+ MOBILITY EQUIPMENT

Many stroke survivors use equipment to support their mobility after a stroke. This equipment could include canes, walkers, wheelchairs, scooters, or braces.

braces



Stroke survivors often experience weakening of specific muscle groups after a stroke. For some people, braces are an effective support for the weakened muscles and joints.