

Assistive Technology

for Children with CP



How Technology Can Help in the Development of a Child with Cerebral Palsy

For children with cerebral palsy, their disabilities can often feel very limiting. However, there are many different types of technology and devices that can be used to enable them to advance communications, learning, hearing, and mobility. The use of assistive technology can help to improve a child's quality of life and ease their transition into independent adulthood.

Below are some examples of technology being used to make a difference for a child with CP.



Digital Communication Boards

Communication boards can help children with CP express themselves by presenting them with a choice of letters, words, numbers, and with pictures.

Speech-Generating Devices

Speech generation devices allow children to type and let the device turn their keystrokes into clearly understandable speech.



Eye-Tracking Devices

Similar to the communication board, this device tracks where the child moves their eyes and the child is able to select a specific word or phrase to communicate.



Electric Mobility Scooters

Electric wheelchairs and scooters assist in mobility, allowing children to have the freedom to move around easily, and independently.



Cochlear Implants

Cochlear Implants help those when hearing is impaired. These devices require surgery, but are implanted right behind the ear and work by stimulating the auditory nerve.



Large Print Computers & Books

Books and Computers with large typefaces are visual aids that can help those with CP enjoy and more easily read materials.

