



Using Alternative Drive Controls Effectively

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11:00: Registration

11:30 – 12:15: Welcome and Lunch

12:15 – 14:15: Positioning for Alternative Drive Controls

The most common means to drive a powered wheelchair is an arm support mounted joystick. Users with limited hand function may not be able to use a standard control, and may need an alternative solution to control their chair; hence it is essential to assess every user individually, to cater to their needs. To carry out a successful assessment, it is important to understand the posture and positioning of the body as a whole in relation to possible drive controls to provide optimum stability, control, and functionality needed to drive a powered wheelchair. This session covers assessment and solutions for positioning the person and alternative drive control solutions to achieve optimal function.

14:15 – 14:30: Break

14:30 – 15:15: Alternative Drive Control Solutions

There are various proportional and non-proportional alternative drive control solutions in the marketplace such as head, finger, chin, sip-and-puff controls, etc. This session will evaluate and compare these drive control solutions on the basis of their uses in relation to the body, their ease of use, mounting options, and their ability to deliver a smooth drive.

15:15 – 16:15: Introducing the iDrive System

Driving and controlling a powered wheelchair with jerks and stops, requires and utilises high energy, which could be tiring for the user. Hence it is important to ensure that drive controls interact with the user in real-time, and are not jerky. It is also important that drive controls provide accuracy in direction, good control, and stability. This session will focus on the advanced technology engineered in Stealth's iDrive system, its real-time interaction with the user, and its compatibility with other secondary supports.

16:15 – 16:30: Break

16:30 – 18:00: Hands-on Session

The hands-on session will give you the opportunity to get in-depth and hands on with our iDrive Head Array System, and give us the chance to answer your questions.