
C11: Can we improve comfort, posture and functional outcomes in a 90 minute clinic environment?

Henry Bertulfo, OT
Liz Turnbull, OT

Learning objectives:

Following this session attendees will be able to:

1. Understand the benefit of regular review for clients with complex wheelchair and seating needs
2. Understand the assessment and intervention process used in Review Clinic at Mobility Solutions
3. Understand the clinical outcomes achievable in the clinic context

Session description:

Mobility Solutions is a wheelchair and seating service that works with people of all ages who have complex wheelchair and seating needs. We have a contract with the Ministry of Health and in addition to a referral based intervention to meet new needs; we are contractually required to review known service users on a regular basis.

During this session we will share how our Review delivery model has evolved over the past 10 years. We will outline the pre-assessment phone review process, the concise and problem solving focussed assessment phase and present case studies to demonstrate intervention that can be carried out within a 90 minute clinic.

Feedback from clients who have attended clinic will be reviewed and discussed.

Our current model of service delivery will be compared and critiqued against international practice.

The case studies presented will cover three clinical scenarios and will include an instructional aspect related to seating modification

1. "Off the shelf" commercially available seating individualised to a client
2. Customised foam carved seating
3. Wheelchair modifications

Content references:

1. Kenny, S., & Gowran, R. J. (2014). Outcome measures for wheelchair and seating provision: a critical appraisal. *The British Journal of Occupational Therapy*, 77(2), 67-77.
2. White, E., & Lemmer, B. (1998). Effectiveness in wheelchair service provision. *British journal of occupational Therapy*, 61(7), 301-305.
3. Coggrave, M. J., & Rose, L. S. (2003). A specialist seating assessment clinic: changing pressure relief practice. *Spinal Cord*, 41(12), 692-695.
4. Suzuki, K. M., Lockerte, G., & Braun, K. L. (2000). Client satisfaction survey of a wheelchair seating clinic. *Physical & Occupational Therapy in Geriatrics*, 17(2), 55-65.
5. Greer, N., Brasure, M., & Wilt, T. J. (2012). Wheeled mobility (wheelchair) service delivery: scope of the evidence. *Annals of internal medicine*, 156(2), 141-146.
6. Reid, D. T. (2002). Critical review of the research literature of seating interventions: A focus on adults with mobility impairments. *Assistive Technology*, 14(2), 118-129.
7. Dolan, M J (2013) Clinical standards for National Health Service wheelchair and seating services in Scotland, *Disability and Rehabilitation: Assistive Technology*, 8:5, 363-372