
E10: Update on the Functional Mobility Assessment Outcomes Registry; What is the Data Telling Us?

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Learning objectives:

1. List two characteristics of a validated outcome measurement tool.
2. Be familiar with the 10 items and scoring of the Functional Mobility Assessment (FMA)
3. List 3 elements of the associated FMA Database/UDS
4. Identify two analyses of recent data

Session description:

Standardized outcome measures and associated datasets are necessary to improve evidence and accountability in the field of mobility assistive equipment. This session will review challenges and strategies associated with the implementation of standardized measures in the clinical routine and associated data collection, aggregation, and analyses will be discussed. To further illustrate strategies, the Functional Mobility Assessment (FMA) will be presented. The FMA is a simple yet validated 10 item questionnaire to assess consumer-satisfaction with functional mobility and the use of mobility devices (i.e. walking aids, manual wheelchairs, power wheelchairs, and scooters). Along with the FMA is an associated Minimum/Uniform Dataset (M/UDS). Collectively, the FMA M/UDS is a systematic outcomes management system developed by clinicians, consumers, and researchers at the University of Pittsburgh. This presentation will discuss the systematic development and validation of the FMA Database and strategies for implementation into clinical practice, case management, and utilization review. Secondary analyses of aggregated data will be shared indicating trends in practice and associated outcomes.

Content references:

1. Kumar, A., Schmeler, M.R., Karmarkar, A.M., Collins, D.A., Cooper, R., Cooper, R.A., Shin, H., & Holm, M.B. (2012). Test-retest reliability of the functional mobility assessment (FMA): a pilot study. *Disabil Rehabil Assist Technol*.
2. Gliklich, R.E., Dreyer, N.A., eds. (2010). *Registries for Evaluating Patient Outcomes: A User's Guide*. 2nd ed. AHRQ.
3. Mortenson, W.B., Miller, W.C., & Auger, C. (2008). Issues for the selection of wheelchair-specific activity and participation outcome measures: a review. *Arch Phys Med Rehabil*. 89: 1177-86.