

Title: Utility of the Model of Human Occupation Screening Tool for Detecting Client Change.

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Major Finding: With minimal training, occupational therapists in inpatient rehabilitation use the MOHOST in a consistent and interchangeable manner to measure changes in occupational participation.

Participants: 144 clients in an inpatient rehab unit

- Mean age : 58.13 (SD=15.12)
- Gender : Male:Female=20:34
- Diagnostic Condition: 26 clients had neurological condition, 14 clients had orthopedic condition, 11 clients had chronic medical condition, 2 clients had sensory related condition, and 1 client had mental health condition
- Setting: inpatient rehab Unit
- Mean days of staying on the unit – 11.54(SD=7.518)
- 5 Therapists rated MOHOST

Method: A retrospective design to gather admission and discharge MOHOST rating over 20 month period.

Analysis: A Many-faceted Rasch Model(MFRM) analysis was used.

Findings:

- MOHOST was used in a consistent and interchangeable manner by occupational therapists in inpatient rehabilitation.
- MOHOST was able to detect change from admission to discharge. The MOHOST discharge measures were significantly greater than MOHOST measures at admission.

Conclusion: MOHOST can be used as an outcome measure in inpatient rehabilitation.

Implications for future research: Future researches could include “how the MOHOST can be used as an outcome measure in other rehabilitation settings such as outpatient rehabilitation, acute care, and mental health settings”, “ the relationship between MOHOST change scores and the type of rehabilitation intervention provided”, and “Use of MOHOST in combination with other outcome measures to explore the potential of the MOHOST to predict rehab outcome.”

Evidence- based practice implications:

- **MOHOST can be used as an outcome measurement.**
- **With minimal training, occupational therapists can use the MOHOST in a consistent and interchangeable manner to measure changes in occupational participation.**