

**Title:** Spinal Cord Injury Rehabilitation Evidence (SCIRE) Outcome Measures – Purpose and Development  
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**Objectives:**

The Outcome Measures component of the Spinal Cord Injury Rehabilitation Evidence (SCIRE) Project provides relevant clinical information on outcome measures used in SCI rehabilitation. A recent evaluation of SCIRE identified a need for more knowledge translation tools to assist with using outcome measures in the clinical setting. The objective of this project was to refine the SCIRE Outcome Measures component and create ‘user-friendly tools’ to facilitate implementation.

**Data Sources:**

The Pubmed, MedLine, CINHALL, Embase, HaPI, PsycInfo, and Sportdiscus electronic databases were searched (1986-July 2012) for version 4. Additional articles were identified by reviewing references of papers obtained in the database search.

**Study Selection:**

Papers reporting on measurement properties (reliability, validity, responsiveness) of outcome measures used in persons with SCI were included.

**Data extraction:**

Clinical utility values (standard error of measurement, minimal detectable change, minimal clinically important difference, normative data) and measurement properties of each outcome measure were extracted.

**Data synthesis:**

The update of the Outcome Measures Component includes 104 outcome measures. Revisions include summaries focusing on clinically relevant details, a ‘how-to’ page with instructions on administration and scoring, videos (n= 8 measures) and a copy of the measure. Data extraction tables are provided online for each measure to assist research.

**Conclusions:**

The revised SCIRE Outcome Measures component has been updated to meet the needs of clinicians and researchers working in SCI. Ongoing evaluation will inform how SCIRE can support the implementation of best practices in SCI.