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Oswestry Disability Index: A Psychometric Analysis with 1610 Patients

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ABSTRACT

Background: One fourth of the adult US population has or will experiences back pain and has undergone one of the myriad of treatments. Understanding the outcomes of these many treatments from pharmacologic to surgical, from manipulation to modality, will allow for better understanding and value driven decision-making. Patient reported outcome (PRO) measures are the current standard and include general and disease specific measures. The Oswestry Disability Index (ODI) is the most commonly used disease specific patient reported outcome tool to measure functional disability related to back pain. Few studies have evaluated its psychometric properties in a large patient sample using a modern tool such as the Rasch analysis model. This