Real Time Range of Motion Testing Using Norotrack 360.

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Range of motion testing of the spinal column has vastly improved since the advent of the use of inclinometers. Objective measurements are now more accurate. It has opened the door to new measurements not formerly thought possible. It has been reported that there are no significant differences in range of motion measurements between inclinometer techniques and results of radiographic range of motion measurements.

Range of motion testing has become an important part of the initial examination for any practitioner in the healing arts who deals with musculoskeletal disorders. IF YOU DON’T MEASURE YOU DON’T KNOW.

Exact measurements and meaningful documentation are important in evaluating neuromuscular and joint function. Monitoring of the progression of the patient’s condition becomes essential to making decisions making which insure proper treatment and measure the patient’s progress in rehabilitation. Range of motion measurements have become rateable when determining impairment in disability evaluation. Medico-legal aspects also require objective measurements as part of medical data and report writing. This same data is required for research which must be both accurate and reproducible.

It is the purpose of this article to introduce a new technology providing real time information. A range of motion study of the lumber spine is utilized. It is not the purpose, at this time, to discuss the validation test as proposed by the AMA guidelines.