

Objective Determination of Posture, Form and Mobility

The zebris movement and location systems offer facilities for static spinal column and back measurements.

Functional and morphological changes in the spinal column and pelvis are always related to posture and joint mobility. Assessment of these parameters must therefore precede therapy.

The measuring systems enable objective assessment of the individual static and mobility conditions to be made in three-dimensional space. Documentation of the posture typology is provided for the patient in an illustrative and informative manner. It is therefore also particularly suitable for motivating patients to begin and maintain posture training on their own responsibility.

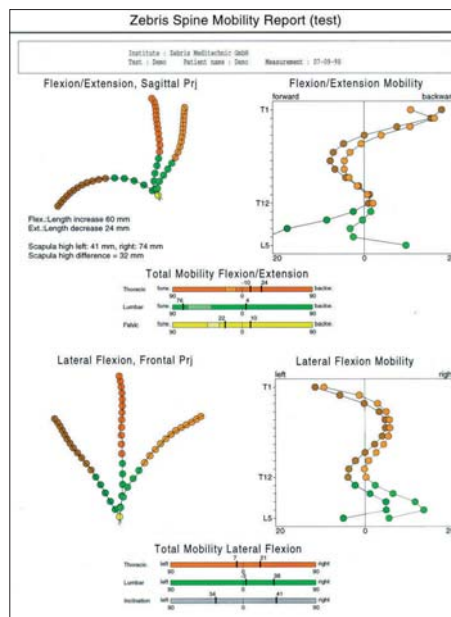
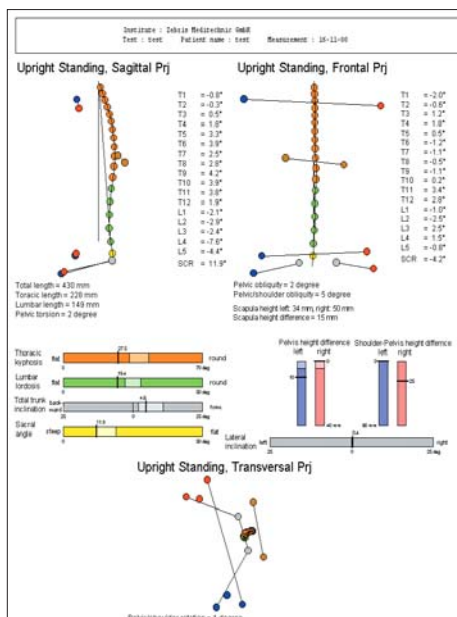
An ultrasonic pointer is used to define reference points on the



skeleton to provide a precise display on a PC.

The measuring systems provide information on the alignment of the spinal column in the sagittal, frontal and horizontal planes, and display the position of the pelvis in three-dimensional space. Mobility typologies of the patient can be determined in flexion, extension and lateral flexion. Reference points can be entered as required.

- Simple and fast data acquisition using the zebris measuring systems based on the principle of the travel time measurement of ultrasonic pulses
- "WinSpine" program supported by up to date Windows operating systems
- Bar chart overlaid by standard ranges
- Output:
 - Kyphosis of the thoracic spine
 - Lordosis of the lumbar spine
 - Inclination of the upper body
 - Angle of the sacrum
 - Pelvic obliquity
 - Shoulder obliquity
 - Scoliotic deformation
 - Lateral curvature
 - Pelvic and spinal column mobility



Report: Posture, shape and mobility

For further information please contact

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Accessories

Ultrasonic Pointer



With 2 ultrasonic transmitters

Dimensions 18 x 20 x 400 mm (W x H x D)

The ultrasonic pointer contains a trigger button that controls the recording

Reference marker



For the compensation of body movement during the measurement