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ATLAS
Product Information

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CTT Balance Platform Atlas

The unique combination of Balance Platform and Knee Bend Ergometer

Healthy Balance

Coordinative abilities are essential conditions for the general performance of the body. An unequal distribution of the body's weight onto the legs can lead to postural deformity and increased wear of joints. A good posture, however, can be trained.

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Coordination and Correction

- Determination of the distribution of the body weight onto the legs
- Early diagnosis of causes of potential future postural deformities and of increased wear of the joints (knee, hip and spine) becomes possible
- Execution of a balance test, which allows to determine the performance of the concerned sensomotor function by comparing the calcu-lated and actual center of gravity of the body
- Execution of different training programmes: Training to equally distribute the body weight onto both legs in the standing position; conscious control of the center of gravity of the body; strength endurance-biofeedback training of the sensomotor function of foot, knee and hips (knee bend ergometer)

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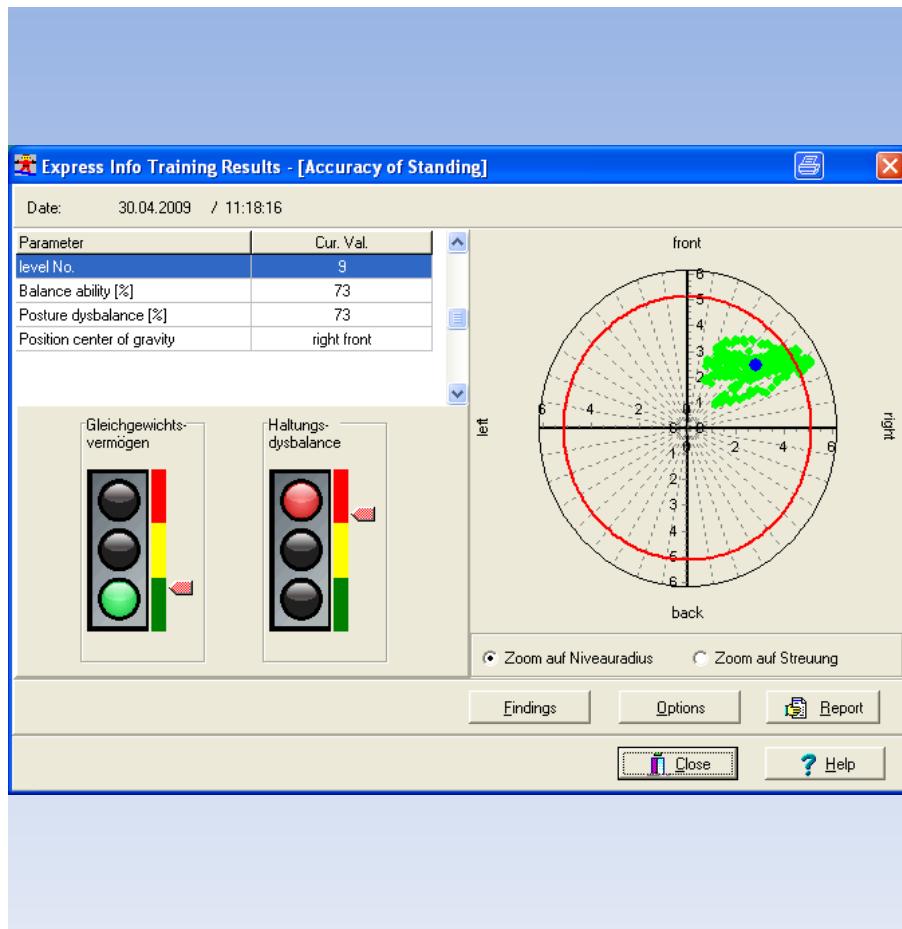
Test and Training Methods

- Test Balance Left/Right: the result shows the weight distribution and existing imbalances
- Test Accuracy of Upright Standing: the result shows the achieved Level (best is level 12) and the balance performance characteristics, the balance point stability, the posture imbalance and the position of the body balance point in this level
- Test Range of Motion: the test results shows the depth of the knee bend
- Training Body Balance Point Movement
- Dynamic Training with Template Curve (for Knee Bend)

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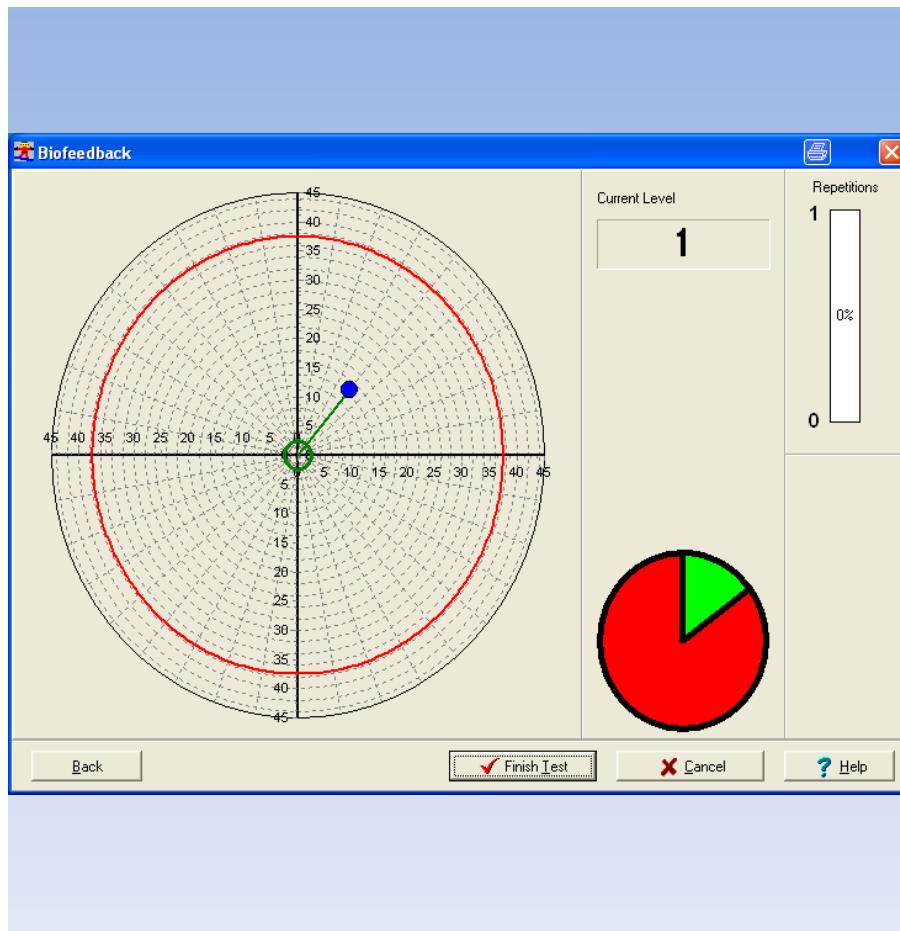
Application Software BioMC for Atlas

1. Device Control

- Test of weight distribution to both sides of the body and its deviation from the body's centre to diagnose malposition

- Multi-level test for concentration and to strengthen body awareness

- Knee bend ergometer to determine the status of the patient's endurance

2. Operator Management

- Password protected patient data with variable operator rights for different operator groups

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3. Patient Management

- Definite assignment of diagnosis and therapy data
- Comprehensive management of anthropometric and general data

4. Treatment Management

- Management of different treatments including a clear overview for cost documentation

5. Reports

- Adjustable diagnosis and therapy reports (printable) for documentation and archiving

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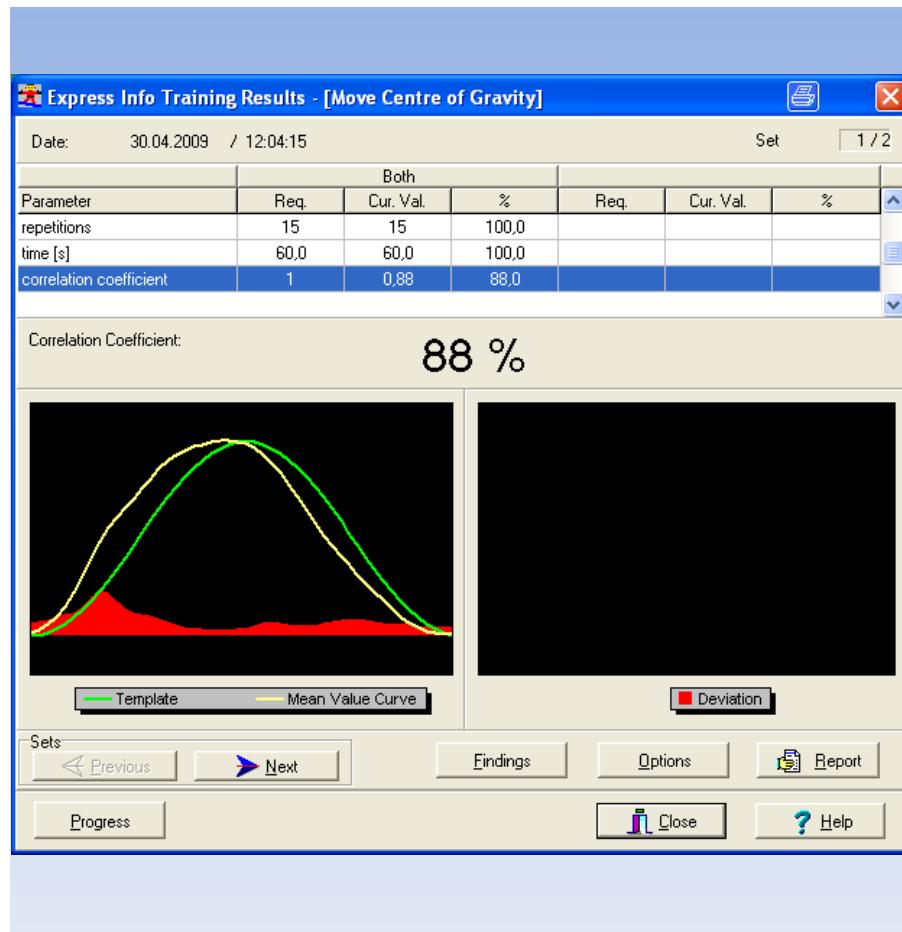
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6. Pretest/Posttest Comparison

- Therapy success clearly visible (result presentation and documentation)

7. Training progress

- Therapy progress clearly represented

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CTT Atlas Product Specification

Dimensions and Weight

Width: 55 cm

Depth: 55 cm

Height: 6.5 cm

Weight: 13.5 kg
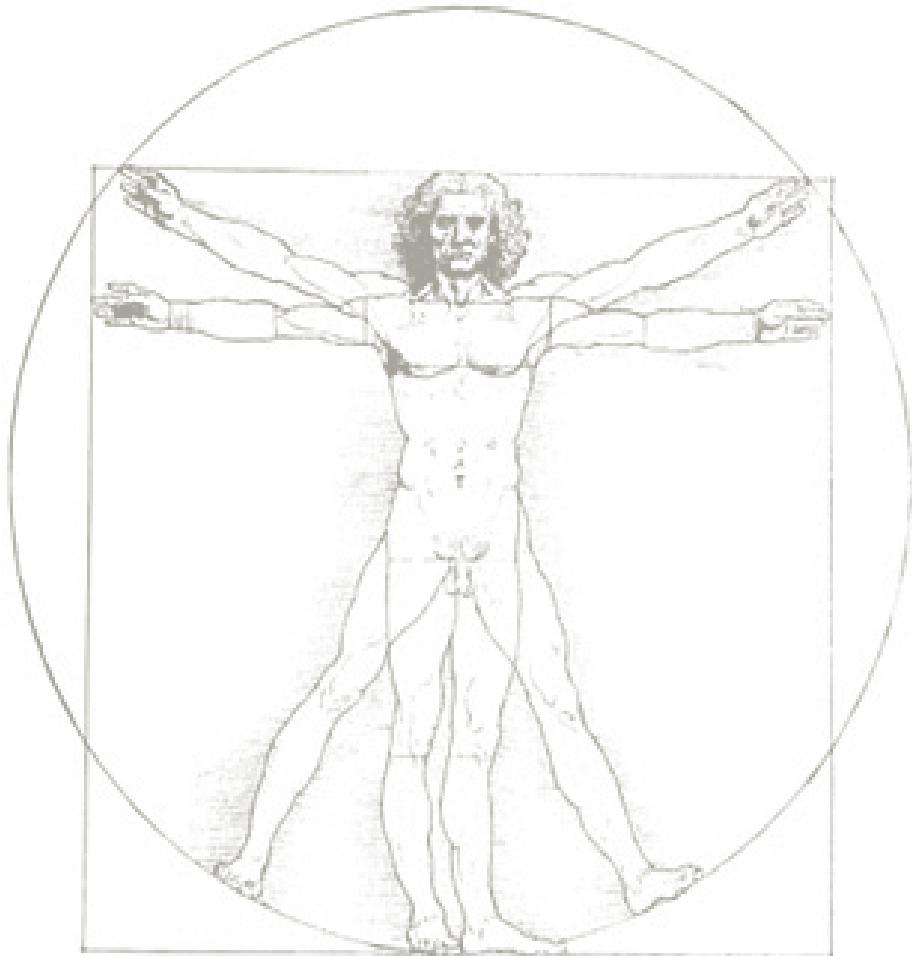
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