

MULTITRAINER

Cardiac Rehabilitation with ECG Control



Cardiac rehabilitation in up to 16* patients simultaneously supervised by one physiotherapist

Wireless ECG monitoring

Dynamic control of all rehabilitation parameters at a single workstation

Individual training protocols, complex rehabilitation programs

6 different models of ergometers and treadmills are supported



Neurosoft
Medical diagnostic equipment

Multitrainer Capabilities

Cardiac Rehabilitation in up to 16* Patients Simultaneously Supervised by One Physiotherapist

The exercise room can be equipped with up to 16 training devices. Thus the patient capacity of such room is 80 training sessions per day, 400 ones is per week and 1600 ones - per month.

Wireless ECG Monitoring

High-quality 12-lead ECG is recorded with Poly-Spectrum-8/EX digital system and is sent to physiotherapist's workstation via Bluetooth. Thus the obtained ECG is free from movement artifacts and noises.

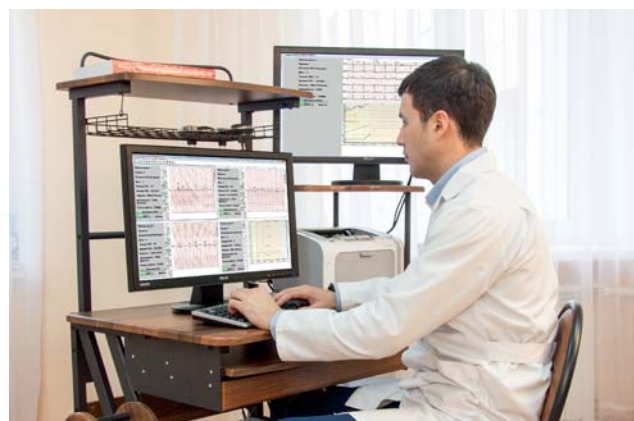


Poly-Spectrum-8/EX — wireless miniature ECG system

Dynamic Control of all Rehabilitation Parameters at Physiotherapist's Workstation

The first monitor shows text data of all trained patients including the current and target heart rate, load, blood pressure, ECG system battery charge and graphic data representing one ECG lead or load and pulse curves.

The second monitor is intended to review a patient's single training session data including 12-channel ECG.



Physiotherapist's workstation

* The maximal number of workstations is shown. The actual number of workstations depends on delivery set, equipment settings, RF interference and should be coordinated with Neurosoft's specialists.



First monitor

Individual Training Protocols, Complex Rehabilitation Programs

You can set different load: constant-load, interval, arbitrary or heart-rate-targeted. The training protocol is configured for each patient individually. The load can be automatically changed to keep the target HR.

Alarm System

The software is equipped with color and sound alarms to notify when patient's parameters exceed the specified level. When the alarm is activated, the software can automatically modify the current training session parameters to avoid patient's complications.

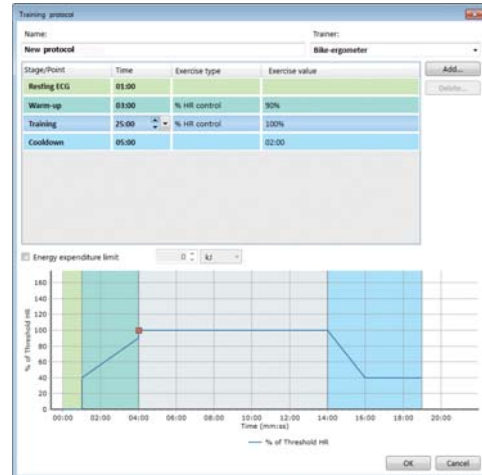
6 Different Ergometers and Treadmills are Supported

Cycle ergometers:

- Lode Corival
- Kettler E-series
- GE
- TrackMaster
- E-bike

Treadmills:

- Lode Valiant



Training session protocol editor

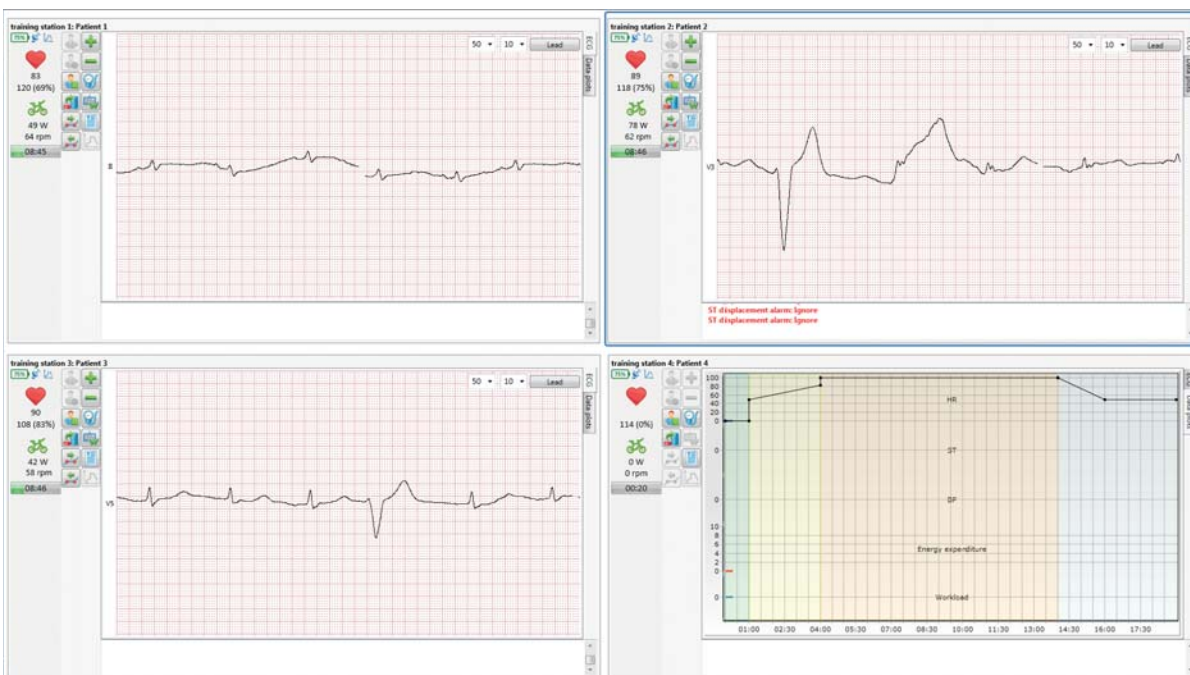
Quick start

Select group

TRAINING STATION 1	TRAINING STATION 2
Patient 1 Age: 65 years HR threshold: 120 Height: 178,00 Weight: 80 Day: 8 Template 1	Patient 2 Age: 62 years HR threshold: 118 Height: 180,00 Weight: 90 Day: 4 Template 2
<input type="checkbox"/> Automatic blood pressure measurement <input type="checkbox"/> The patient hasn't come yet	<input checked="" type="checkbox"/> Automatic blood pressure measurement <input type="checkbox"/> The patient hasn't come yet
TRAINING STATION 3	TRAINING STATION 4
Patient 3 Age: 55 years HR threshold: 108 Height: 166,00 Weight: 84 Day: 4 Template 1	Patient 4 Age: 50 years HR threshold: 114 Height: 164,00 Weight: 75 Day: 1 Template 2
<input checked="" type="checkbox"/> Automatic blood pressure measurement <input type="checkbox"/> The patient hasn't come yet	<input type="checkbox"/> Automatic blood pressure measurement <input type="checkbox"/> The patient hasn't come yet

Start training sessions

Quick start window



Second monitor

Multitrainer Exercise Room



① Bicycle ergometer



② Treadmill



③ Arm ergometer



Physiotherapist's workstation