



17 T.R. Punktas

The device is designed to unweigh the patient during exercise associated with gait reeducation. It allows to offload the patient in static or dynamic mode. Perfectly suited to work with neurological and orthopedic patients – both adults and children. The supporting structure of the system is made of powder-coated steel. It is designed to ensure safe and trouble-free operation. It consists of two independent modules to properly secure height and gum tension module responsible for unweighing the patient. The device is equipped with a system chassis with brakes for easy and safe way to exercise and transportation construction.

16 T.R. Punktas

The evaluation of the offloading:

Contact heel / ground during walking is lost for relieving greater than 40% by weight. Select the level of relief, when the patient reaches the heel contact / substrate on both sides at 10 consecutive steps. In assessing relief should take into consideration the degree of pathology occurs and the patient's comfort. A patient with a high degree of pathology may require a higher degree of offloading. In order to assess the degree of relief the patient should use the weight. It shows the unweighing of the patient in kilograms. Eg. 30 kg on scale indicates that the patient is relieved of 30 kg. For a patient weighing 150 kg, this means 20% of its body weight.

Properties:

- possibility of sideways gait training,
- easy to change the direction of walking,
- provides security during therapy and tests also on other devices,
- different levels of unweighing (up to 40% by weight of the patient).
- does not require electrical power (no cable or wires)
- ability to conduct therapy in open space and in conditions of limited access (corridor, etc.)
- the possibility of gait training on a treadmill – free access to use control panel,
- access to the patient – the possibility of correction of gait patterns,
- system for easy raising and treatment of patients in wheelchairs,
- standard accessories: universal jacket matching every patient.

19 T.R. Punktas

20 T.R. Punktas

18 T.R. Punktas

Technical data:

- Dimensions (L x W x H) [mm]: 1700 x 1600 x 2700
- Width inside [mm]: 1090
- Maximum load [kg]: 136

22 T.R. Punktas

21 T.R. Punktas