

LOW BACK PAIN

Lumbar Suspension Method



Floating active exercise therapy for the low back: "Lumbar Suspension Method"
Protec lumbar therapeutic device



The Principles of Protec Lumbar Therapy

Protec Therapy enables a reduction of pressure upon the patient's lower body by lifting and suspending the upper body, (said to be 60% of total body weight), thus providing a significant reduction in internal intervertebral disk pressure. Similar to the "Pressure Elimination Approach" established by Dr. William H. Kirkaldy - Willis, M.D. (U.S.A.). The Protec Therapy is known as a "Lumbar Suspension Method", in which the lower body weight, functioning as an anchor, provides natural traction. In this state, various types of movement therapy and rehabilitation can be conducted for the treatment of the lumbar region, legs, etc. A prototype of the Protec was introduced as an innovative lumbar treatment unit incorporating novel method at the August 2000 International Human Science Convention in San Diego, Dr. Hiroshi Jonai M.D. of Nippon University in Japan.



Evaluation

- 1) **Protec** is a seat-type device, therefore there is no need for patients to assume an uncomfortable position lying on their sides. This is particularly good news for patients with acute lumbar pain in addition to providing a more accessible and comfortable position for the physician to work from.
- 2) A wide variety of mobilization therapy options are available, depending on the physician's treatment preferences.
- 3) In a survey of doctors currently using Protec 93% of respondents verified its effectiveness.

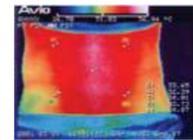
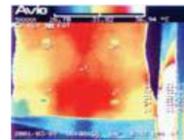
- 4) Of the doctors using Protec who responded to the survey regarding treatment, one in three reported that they utilize the Protec just for the purpose of lifting the upper body, without implementing any additional mobilization therapy. This shows that a reduction of internal intervertebral disk pressure provided by Protec suspension alone results in considerable lumbar relief for patients.

Protec has proven effective in rehabilitation treatment for the relief of muscular tension.

- 6) Protec is a device that provides a safe, stress-free and comfortable treatment for patients.

Suspension provides natural traction that works equally upon both superficial and deeper muscle groups alike, resulting in a significant reduction in muscular tension, and thus contributing to an improvement in blood flow.

B e f o r e A f t e r



Protec Floating Active Exercise System for Low Back Pain



Stainless Steel Stand, Chest holders, Back Support, Motorized Chair and Foot Supporters.

Machine Dimensions: 60cm (W) x 80cm (D) x 205cm (H) Total Weight: 90 kg.

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