

Abstract

SPINAL THREE-DIMENSIONAL ORTHOPEDIC EQUIPMENT

The object of the present invention is to provide a three-dimensional spine remedying apparatus, which offers more comprehensive functions and better curative effects, and frees the patient from discomfort during the process of treatment. The apparatus of the invention includes: a frame; a cephalothoracic board and a driving device thereof; a hip-leg board and a driving device thereof; a low-speed draught device; a hip board capable of rotating around the axle Z and a driving device thereof; a device for securing the body of the patient and an adjusting means thereof. The driving devices of said cephalothoracic board, hip-leg board and hip board are high-speed driving devices employing electromagnetic force. Said hip-leg board and hip board are capable of not only rotating by a predetermined angle, but also making high-speed angular oscillation. In addition, in said driving device of said cephalothoracic board, a clutch is provided for linking up the high-speed movement of the magnetic driving device of the cephalothoracic board with the low-speed movement of the said draught device.

(FIGURE 1 IS SUGGESTED FOR PUBLICATION)



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