

Title (en)
FUNCTIONAL BED USING GRAVITY FOR PREVENTING SKIN-AGING, VARIOUS BONE DISEASES, AND VASCULAR DISEASES, AND FOR PROMOTING DEVELOPMENT DURING A GROWTH PERIOD, AND METHOD FOR CONTROLLING SAME

Title (de)
FUNKTIONELLES BETT UNTER VERWENDUNG VON SCHWERKRAFT ZUR VERHINDERUNG VON HAUTALTERUNG UND VERSCHIEDENEN KNOCHEN- UND GEFÄSSERKRANKUNGEN SOWIE ZUR ENTWICKLUNGSFÖRDERUNG IN EINEM WACHSTUMSZEITRAUM UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
LIT FONCTIONNEL UTILISANT LA GRAVITÉ POUR LA PRÉVENTION DU VIEILLISSEMENT DE LA PEAU, DE DIVERSES MALADIES OSSEUSES ET DE MALADIES VASCULAIRES ET POUR FAVORISER LE DÉVELOPPEMENT AU COURS D'UNE PÉRIODE DE CROISSANCE, ET PROCÉDÉ DE COMMANDE DUDIT LIT FONCTIONNEL

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Abstract (en)
[origin: EP2700333A2] The present invention relates to a functional bed for improving vascular disease and promoting development during a growth period, and to a method for controlling same. The functional bed of the present invention is useful for the treatment of disorders of the circulatory system, such as varicose veins and hypertension, by minimizing the effects of gravity by enabling the mattress of the bed to be tilted at a predetermined angle for a predetermined amount of time, and can further promote the development of an adolescent during a growth period. The functional bed of the present invention is characterized in that it comprises: a bed including a plurality of legs, a frame installed on the legs, a support plate installed on the frame, and a mattress installed on the support plate; at least one tilting means installed on any one of the legs, frame, and support plate so as to allow the mattress to be tilted at a predetermined angle; and a controller controlling the tilting means according to a rhythm of movement, wherein the rhythm of movement involves a movement time, a movement period, a tilt angle, a tilt time, and a tilt direction, and the tilting means is supported during deep sleep and has a tilt angle -f -1.0° to 10°.

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Citation (search report)

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