

PHYSIO-MASTER®

" An innovative device to aid balance recovery and improve blood circulation"



Jill Parker MCSP - NHS Inventor of the Physio-Master cushion

The PHYSIO-MASTER® vascular cushion - is a simple, easy to clean, self inflating cushion that replicates the action of walking, so improving lower limb circulation and aiding balance reactions (Proprioception)

How it Works – The PHYSIO-MASTER® is a cushion with four self inflating and inter-connected chambers. It replicates the act of walking when the feet are rocked forward and backwards on the PHYSIO-MASTER® by alternately flexing the foot up (the dorsi flexion) and downward (the plantar flexion), so moving the air between the chambers through the small interconnecting constrictions.

The pressure in the air filled chambers alternatively simulates the calf and anterior lower leg muscles while the inter-connector between the chambers is flattened by the longitudinal arch of the foot by offering a resistance as when weight bearing while walking.



Benefits of the PHYSIO-MASTER® – The PHYSIO-MASTER® promotes increased blood flow and venous return and so reduces the risk of blood clots or DVTs (Deep Vein Thrombosis).

The PHYSIO-MASTER®, when used in a kneeling or standing position, aids balance reactions (proprioception) following lower limb surgery, stroke or other neurological rehabilitation or balance problems in the ear (vestibular rehabilitation).

With the valve positioned to the side, PHYSIO-MASTER® can be sat on to reduce pressure, stimulate the core trunk muscles, strengthen and increase flexibility in back and stomach muscles, exercise the pelvic floor muscles and aid balance reactions.

The PHYSIO-MASTER® can, if folded in half, be used as a support for the lower back when sitting, to maintain the lumbar curve (lordosis).

EASY ~ EFFICIENT ~ EFFECTIVE

PHYSIO-MASTER®
an

MDT
INNOVATION - INVESTMENT - IMPROVEMENT
product



INVESTOR IN PEOPLE



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