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(57) Abstract :

The present disclosure relates to a mattress system to assist in postural drainage that includes a plurality of inflatable chambers that can be inflated with the help of a pneumatic unit having a plurality of conduit means connecting to the chambers at one end and the inflation pumps at the other end. The chambers can include a head section, a chest section, and a lower body section. The chest section further has two vertical inflatable chambers wherein at least two right resilient lobes and three left resilient lobes are provided, the five lobes designed in such a way that they mimic the shapes of the lobes of lungs. The inflation and deflation of any or a combination of the inflation chambers cause loosening of excess secretion which is further eliminated through postural drainage method.

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