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Technology review is a brief report, prepared on an urgent basis, which draws on restricted reviews from analysis of pertinent literature, on expert opinion and / or regulatory status where appropriate. It is not subjected to an external review process. While effort has been made to do so, this document may not fully reflect all scientific research available. Additionally, other relevant scientific findings may have been reported since completion of this review.

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Introduction

Massage is the manipulation of superficial and deeper layers of muscle and connective tissue to enhance function, aid in healing process, and promote relaxation and well-being. Massage involves acting on and manipulating the body with pressure - structured, unstructured, stationary, or moving-tension, motion, or vibration, done manually or with mechanical aids. Andullation is claimed to be a totally new massage method which treats various complaints that arise from organs functioning 'poorly' or 'inadequately' with a combination of mechanical vibrations that arouse a resonance in the cell and waves of infrared electromagnetic heat. This technology review was conducted following a request from the office of the Deputy Minister of Health following a request from a company to introduce ■■■ Andullation Therapy System to be used in hospital and One Malaysia clinic.

Objective/Aim

The objective of this systematic review was to assess the safety, efficacy / effectiveness and cost-effectiveness of ■■■ Andullation Therapy System for treatment of medical conditions such as persistent muscles tension and hardening (Myogelosis) in the shoulders, neck and lower back, stress, metabolic disturbances, circulatory disturbances, lymphatic complaints, rheumatic pains and spinal disc herniation.

Results and Conclusions

There was no retrievable evidence on the safety, efficacy / effectiveness and cost-effectiveness of ■■■ Andullation Therapy System from the scientific databases. However, there were few English language summaries of studies on Andullation Therapy System which were retrieved via Google and from the document submitted by a company. The full text articles of the studies were in German language. From the review, there was limited evidence to suggest the efficacy / effectiveness of Andullation Therapy System for treatment of non specific acute lower back pain, chronic back pain, reduction of stress and lymphoedema of the lower limbs. However, there was no retrievable clinical trial on the safety and the cost-effectiveness of ■■■ Andullation Therapy System.

Methods

Electronic databases were searched through the Ovid interface which included Medline, EBM Reviews-Cochrane Central Register of Controlled Trials, EBM Reviews-Cochrane database of systematic reviews, EBM Reviews - HTA Databases. Searches were also run in PubMed, Horizon Scanning databases, MHRA and FDA website for published reports. Google and Google scholar were used to search for additional web-based literature. There was no limit in the search. Additional information was also retrieved from the document submitted by a company