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(57) Abstract :

The range of motion is an important component in the physiotherapeutic assessment of foot and ankle injuries. As the range of motion decreases, strength and power decreases, which may lead to poor ankle and sub-talar joint performances. As these joint performance getting worsen with ageing, sports and occupational injuries, it might influence on functional activity like dynamic balance and etc. Studies pertaining to various methods of measuring sub-talar movements are meagre. This leads to ignoring the same by the health professionals in the process of measuring the range. In light of the above, the present disclosure provides a tool named as ~Subtalar Arthrometer™. In addition, the present disclosure provides an easy to carry, portable, subtalar arthrometer and also provides a simple and easy method to measure the range of motion. The device of the present disclosure could also be used to measure the supination and pronation of the forearm.

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