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The integrated spring-mass model approach to thoracic outlet syndrome

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I will discuss the three models of human movement, the inverted pendulum model, the spring-mass model and the integrated spring-mass model (ISMM). The (ISMM), which integrates the spring suspension systems of the foot and shoulder region as well as the torsion spring of the spine and the mass, the head. I will discuss my clinical findings show compressive disorders like TOS and herniated discs are merely an over control of tension on the human spring mechanism leading to these syndromes. I will give brief review of the symptoms and their patterns, the common orthopedic tests, and diagnostic tests, the 16 different common conservative therapies and the 10 reasons for when surgery is medically necessary. I will discuss an alternative treatment for this disorder based on the integrated spring mass model.

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