

DEFINING DEFINITIONS OF SPINAL MANIPUATION

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IFOMPT Teachers Meeting, Glasgow – 3 July 2016

Definition

Manipulation of any of the spinal vertebrae, from the neck (the cervical spine) to the lower back (the lumbar spine). The procedure is commonly performed by chiropractors, osteopaths, and massage therapists.

Medical Dictionary, © 2009 Farlex and Partners



Spinal Manipulation, the forced passive movement of vertebral segments, carrying the elements of articulation beyond the usual range of movement to the limit of anatomic range.

Mosby's Medical Dictionary, 8th edition. © 2009, Elsevier.



Definition

SMT: Manual method of osseous movement using high-velocity techniques that take the joint beyond the passive-range end barrier (without exceeding the anatomic limit) to what is known as the paraphysiologic space.

Medical Dictionary for the Health Professions and Nursing



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Lightheaded?



Benign Paroxysmal Positional Vertigo BPPV

Recurrent vertigo and nystagmus occurring when the head is placed in certain positions, usually not associated with lesions of the central nervous system.

Miller-Keane Encyclopedia and Dictionary of Medicine



Benign Paroxysmal Positional Vertigo

A form of transient vertigo caused by utricular degeneration which liberates otoconia: otoconia drift into the lower part of the vestibule, the ampulla of the posterior semicircular canal; once there, the otoconia alter the cupola's specific gravity, changing its response characteristics from a purely angular acceleration detector to one that is stimulated by linear movements and gravity.

Segen's Medical Dictionary. © 2012 Farlex, Inc. All rights reserved.



Epley Manoeuvre

A technique used to manage benign paroxysmal positional vertigo (BPPV), which involves sequential movement of the head into 4 positions.

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The Epley Manoeuvre

is a maneuver used to treat benign paroxysmal positional vertigo (BPPV) of the posterior or anterior canals. It works by allowing free floating particles from the affected semicircular canal to be relocated, using gravity, back into the utricle, where they can no longer stimulate the cupola, therefore relieving the patient of bothersome vertigo, and has a reported success rate of between 90–95%.

Wikipedia 2016



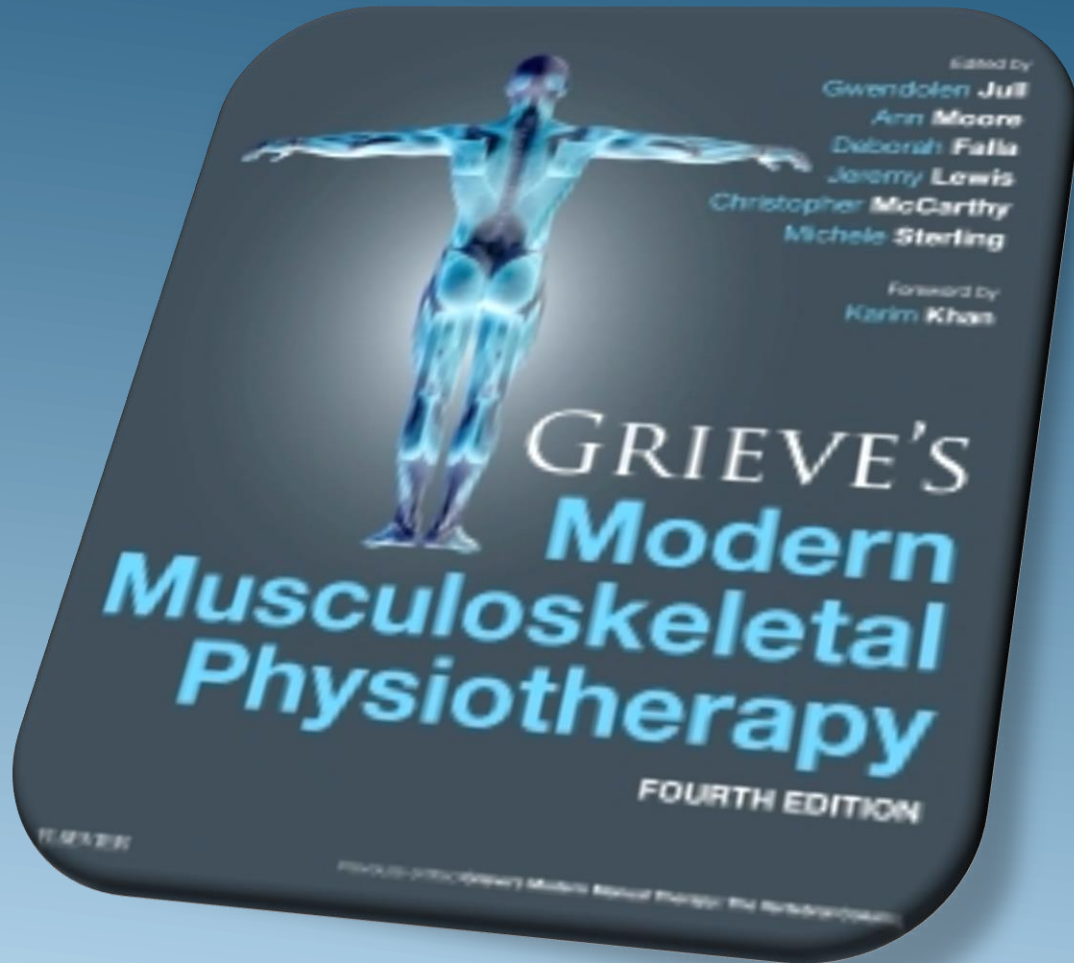
“Spinal Manipulation (SM) is the application of rapid movement to vertebral segments producing joint surface separation, transient sensory afferent input, and reduction in perception of pain.

Joint surface separation will commonly result in intra-articular cavitation, which in turn, is commonly accompanied with an audible pop.

Post manipulation reductions in pain perception are influenced by supra-spinal mechanisms including expectation of benefit”

McCarthy, Bialosky, Rivett 2015: Grieve's Modern Musculoskeletal Therapy 4th Ed





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