

# MANUAL MUSCLE TESTING PROCEDURES

## Key to Muscle Grading

|                      | Function of the Muscle   | Grade |    |        |
|----------------------|--|-------|----|--------|
| <b>No Movement</b>   | No contractions felt in the muscle   | 0     | 0  | Zero   |
|                      | Tendon becomes prominent or feeble contraction felt in the muscle, but no visible movement of the part | T     | 1  | Trace  |
| <b>Test Movement</b> | <b>MOVEMENT IN HORIZONTAL PLANE</b>  |       |    |        |
|                      | Moves through partial range of motion  | 1     | 2- | Poor-  |
|                      | Moves through complete range of motion   | 2     | 2  | Poor   |
|                      | <b>ANTIGRAVITY POSITION</b>  | 3     | 2+ |        |
|                      | Moves through partial range of motion  |       |    |        |
| <b>Test Position</b> | <i>Gradual release from test position</i>  | 4     | 3- | Fair-  |
|                      | Holds test position (no added pressure)  | 5     | 3  | Fair   |
|                      | Holds test position against slight pressure  | 6     | 3+ | Fair+  |
|                      | Holds test position against slight to moderate pressure  | 7     | 4- | Good-  |
|                      | Holds test position against moderate pressure  | 8     | 4  | Good   |
|                      | Holds test position against moderate to strong pressure  | 9     | 4+ | Good+  |
|                      | Holds test position against strong pressure  | 10    | 5  | Normal |

# How To Do Manual Muscle Testing

**Léo Pomar**



## How To Do Manual Muscle Testing:

**Muscles in Action** Joan H. Cole, Anne L. Furness, Lance T. Twomey, 1988 This work is designed to offer students in a variety of disciplines a structured introduction to the evaluation of strength and function of the muscles of the human body and to be an easy reference for the clinician in practical situations **Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e** Helen Hislop, 2013-09-01 A practical handbook on evaluating muscular strength and function Daniels and Worthingham's Muscle Testing Techniques of Manual Examination and Performance Testing 9th Edition makes it easy to understand and master procedures in manual muscle testing and performance testing Clear illustrated instructions provide a guide to patient positioning direction of motion and direction of resistance In addition to muscle testing of normal individuals and others with weakness or paralysis this edition includes new coverage of alternative strength tests and performance tests for older adults and others with functional decline such as the inactive and obese Written by educators Helen J Hislop Dale Avers and Marybeth Brown this classic physical therapy reference now features an Evolve companion website with video clips demonstrating key muscle testing techniques Drawings and arrows along with clear written directions make it easy to understand and perform muscle testing procedures allowing you to assess deficits in strength balance and range of motion More than 600 illustrations clearly show testing sequences muscle anatomy and muscle innervation Video clips of over 100 muscle tests on the Evolve companion website demonstrate the art and technique of muscle testing in a clinical setting Details of muscle anatomy and innervation help in linking muscle topography with function Helpful Hints and Substitutions boxes provide additional tips and highlight muscle substitutions that may occur during a test to ensure greater accuracy in testing A constant reference number clearly identifies each muscle in the body indexed in the Alphabetical List of Muscles by Region as well as in the Ready Reference Anatomy Manual on Evolve to speed cross referencing and help you quickly identify any muscle **Daniels and Worthingham's Muscle Testing E-Book** Marybeth Brown, Dale Avers, 2018-06-28 A practical handbook on evaluating muscular strength and function Daniels and Worthingham's Muscle Testing Techniques of Manual Examination and Performance Testing 10th Edition helps you to understand and master procedures in manual muscle testing and performance testing Clear illustrated instructions provide a guide to patient positioning direction of motion and direction of resistance In addition to muscle testing of normal individuals and others with weakness or paralysis this edition includes coverage of alternative strength tests and performance tests for older adults and others with functional decline such as the inactive and obese The tenth edition also includes coverage of muscle dynamometry and a sampling of ideal exercises Updated by educators Dale Avers and Marybeth Brown this classic physical therapy reference once again features a companion website with many new video clips demonstrating the latest muscle testing procedures and alternatives to muscle testing In addition two online only chapters Cranial Nerve and Ready Reference Anatomy have been added Drawings and arrows along with clear written directions

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**Muscle and Sensory Testing** Nancy Berryman Reese,1999 Introducing the first text to combine muscle and sensory testing with a step by step procedure approach Offers convenient access to sections covering neurological screening examinations gravity resisted testing gravity eliminated testing and alternative testing Also contains detailed instructions on hand held dynamometry

**Daniels and Worthingham's Muscle Testing - E-Book** Dale Avers,Donovan J. Lott,Marybeth Brown,2024-02-06 Daniels and Worthingham s Muscle Testing 11th Edition offers the clear information needed to master procedures and enhance clinical decision making in manual muscle testing and performance testing Comprehensive discussion of the value of strength testing with clear illustrated instructions provide a detailed guide to patient positioning clinician instructions and application of skill In addition to updated muscle testing of normal individuals and others with weakness or paralysis this edition includes updated information on alternative strength and performance tests for all adult populations Updated comprehensive coverage for muscle dynamometry and ideal exercises enhances this texts relevance for today s clinician An eBook version included with print purchase provides access to all the text figures and references with the ability to search customize content make notes and highlights and have content read aloud Drawings and arrows along with clear written directions make it easy to understand and perform muscle testing procedures to assess deficits in strength balance and range of motion More than 500 illustrations clearly show testing sequences muscle anatomy and muscle innervation Content on the muscle dynamometer and muscle dynamometry data introduces you to muscle dynamometry including muscle dynamometer methods and results with each muscle Ideal exercises for selected muscles thoroughly explain procedures based on the literature Chapter on functional performance testing covers functional strength

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Manual Muscle Testing Adele J. B. Colthurst, Kathryn A. Falconer, 1969 *Fundamentals of Musculoskeletal Assessment Techniques* M. Lynn Palmer, Marcia E. Epler, Marcia F. Epler, 1998 Organized by region this text provides the fundamentals of evaluation and examination techniques of the musculoskeletal system Each region begins with step by step instructions for goniometry manual muscle testing muscle length joint accessory motions and special orthopedic tests Special discussions of posture and gait analysis are also included New in this edition is a chapter on Assessment of Pain The discussion on the Spine has been expanded to three chapters Cervical Thoracolumbar Spine and Sacroiliac Joint

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Gallo,2004-12-28 *Energy Psychology Explorations at the Interface of Energy Cognition Behavior and Health* Second Edition introduces the exciting new paradigm of energy psychology and presents the latest research on the subject This second edition begins by tracing the roots of energy psychology and contrasting them with contemporary approaches and the

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*Fundamentals of Hand Therapy - E-Book* Cynthia Cooper, 2013-10-25 NEW Chapters on yoga and pilates provide guidance into new ways to treat upper extremity problems NEW Chapter on wound care gives you a thorough foundation on how wounds impact therapeutic outcomes NEW Chapter on orthotics has been added to cover basic splinting patterns NEW Online resources help assess your understanding and retention of the material

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by domain areas and each subject is addressed according to the degree it is covered on the NBCOT examination. Corresponding workbook pages include specific references to occupational therapy curricula enabling additional exploration of content that is challenging or unfamiliar. The companion CD ROM simulates online testing with multiple choice practice questions each providing evidence based rationale for why a particular answer is correct or incorrect. The CD ROM includes over 100 test questions, case studies, and work sheets.

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