

Manual Muscle Testing Tool

Patient Information

Name: Emily Jones

Name: 32

Gender: Female

Date of Testing: 03/20/2023

Age: 32

Gender: Female

Date of Testing: 03/20/2023

Therapist: Dr. Smith

Medical History: No major medical history

Relevant Diagnoses: None

None

Precautions/Contraindications: None

Note: Each muscle is graded on a scale of 0 to 5, where 0 represents no muscle contraction, and 5 represents full muscle strength against maximum resistance.

Muscle Group	LEFT Side	RIGHT Side	Testing Procedure
Neck Flexors	<u>4</u> /5	<u>4</u> /5	Patient supine, head and neck unsupported, actively flexes neck while therapist applies resistance to forehead.
Neck Extensors	<u>4</u> /5	<u>4</u> /5	Patient prone, head and neck unsupported, actively extends neck while therapist applies resistance to occiput.
Shoulder Flexors	<u>5</u> /5	<u>5</u> /5	Patient seated, elbow extended, arm supinated; patient lifts arm forward and upward while therapist applies resistance.
Shoulder Extensors	<u>5</u> /5	<u>5</u> /5	Patient seated, elbow extended, arm pronated; patient moves arm backward and downward while therapist applies resistance.
Shoulder Abductors	<u>4</u> /5	<u>4</u> /5	Patient seated, elbow extended, arm neutral; patient lifts arm sideways and upward while therapist applies resistance.
Shoulder External Rotators	<u>4</u> /5	<u>4</u> /5	Patient seated, elbow flexed at 90 degrees, forearm pronated; patient rotates forearm outward while therapist applies resistance.
Shoulder Internal Rotators	<u>4</u> /5	<u>4</u> /5	Patient seated, elbow flexed at 90 degrees, forearm supinated; patient rotates forearm inward while therapist applies resistance.
Elbow Flexors	<u>5</u> /5	<u>5</u> /5	Patient seated, forearm supinated; patient bends elbow while therapist applies resistance to distal forearm.
Elbow Extensors	<u>5</u> /5	<u>5</u> /5	Patient seated, forearm supinated; patient straightens elbow while therapist applies resistance to distal forearm.
Wrist Flexors	<u>5</u> /5	<u>5</u> /5	Patient seated, forearm supported, wrist in neutral; patient flexes wrist while therapist applies resistance to dorsum of hand.
Wrist Extensors	<u>5</u> /5	<u>5</u> /5	Patient seated, forearm supported, wrist in neutral; patient extends wrist while therapist applies resistance to palm.

Pdf Manual Muscle Testing

Lori Quinn,James Gordon (Ed.D.)

Pdf Manual Muscle Testing:

Daniels and Worthingham's Muscle Testing - E-Book Marybeth Brown, Helen Hislop, Dale Avers, 2013-01-25 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. NEW chapters on performance testing cover functional strength testing in older adults and those with functional decline and testing muscle performance in various clinical settings. NEW chapters on manual muscle testing address when to use manual muscle testing, the limitations of manual muscle testing, and alternatives to manual muscle testing. UPDATED references for each chapter include the most current evidence based information. NEW An Evolve companion website helps you hone your manual testing skills with video clips of over 100 muscle tests and with the Ready Reference Anatomy Guide. *Daniels and Worthingham's Muscle Testing, First South Asia Edition E-Book* Dale Avers, Marybeth Brown, 2018-11-13. *Daniels and Worthingham's Muscle Testing First South Asia Edition E-Book* [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

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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 make it easy to understand and perform muscle testing procedures

allowing you to assess deficits in strength balance and range of motion More than 500 illustrations clearly show testing sequences muscle anatomy and muscle innervation Chapters on performance testing cover functional strength testing in older adults and those with functional decline and testing muscle performance in various clinical settings Chapters on manual muscle testing address when to use manual muscle testing the limitations of manual muscle testing and alternatives to manual muscle testing 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 to quickly identify any muscle NEW Content on the muscle dynamometer and muscle dynamometry data introduces you to muscle dynamometry including muscle dynamometer methods and results with each muscle NEW Video clips demonstrate the latest muscle testing techniques and alternative muscle testing procedures in a clinical setting NEW Ideal exercises for selected muscles thoroughly explain procedures based on the literature NEW Additional Video Educational Content box alerts you when videos associated with that chapter are available to view

Manual of Clinical Exercise Testing, Prescription, and Rehabilitation Ziya Altug, Janet L. Hoffman, 1993 Medical Devices and Human Engineering Joseph D. Bronzino, Donald R. Peterson, 2014-12-17

Known as the bible of biomedical engineering The Biomedical Engineering Handbook Fourth Edition sets the standard against which all other references of this nature are measured As such it has served as a major resource for both skilled professionals and novices to biomedical engineering Medical Devices and Human Engineering the second volume of the handbook presents material from respected scientists with diverse backgrounds in biomedical sensors medical instrumentation and devices human performance engineering rehabilitation engineering and clinical engineering More than three dozen specific topics are examined including optical sensors implantable cardiac pacemakers electrosurgical devices blood glucose monitoring human computer interaction design orthopedic prosthetics clinical engineering program indicators and virtual instruments in health care The material is presented in a systematic manner and has been updated to reflect the latest applications and research findings

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 **Le bilan musculaire de Daniels et Worthingham** Dale Avers, Marybeth Brown, Michèle Viel-Esnault, Michel Pillu, 2020-06-30 Ma triser le bilan musculaire Ce grand classique de la kin sith rapie vous aide comprendre et maitriser les protocoles d valuation manuelle de la force des muscles Il vous permet aussi d aborder les techniques d valuation de la performance fonctionnelle des muscles L ouvrage est didactique les illustrations fournissent un

guide clair et instructif sur les positions du patient celles du th rapeute la direction des mouvements et des forces de résistance Il décrit aussi les tests alternatifs permettant de mesurer la puissance musculaire chez les adultes de tous les âges ainsi que les preuves permettant de valuer les capacités fonctionnelles de patients pouvant avoir handicap dans la vie quotidienne Ce livre présente l'évaluation de la force musculaire au moyen d'un dynamomètre main Des données fiables sont présentées pour guider le thérapeute Plus de 100 vidéos sont aussi présentes de façon à illustrer les dernières évolutions dans les techniques d'évaluation manuelle de la force musculaire Des exercices recommandés sont présentés permettant au thérapeute de faire travailler et de renforcer les muscles évalués Ces exercices permettent un travail d'au moins 40 % du recrutement maximal des muscles présentes 600 illustrations sur l'anatomie des muscles avec le trajet des nerfs

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

Physical Therapy for Children - E-Book Robert J. Palisano, Suzann K. Campbell, Margo Orlin, 2014-04-25 Used as both a core textbook in PT programs and as a clinical reference Physical Therapy for Children 4th Edition provides the essential information needed by PTs both student and professional when working with children Like the previous bestselling editions the 4th edition follows the practice pattern categories of the Guide to Physical Therapist Practice and uses the IFC model of the disabling process as it presents up to date evidence based coverage of treatment In this latest edition Suzann Campbell DeLapp Robert J Palisano and Margo N Orlin have added more case studies and video clips

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The Software Encyclopedia 2000 Bowker Editorial Staff, 2000-05 *Practical Exam Preparation Guide of Clinical Skills for Athletic Training* Herb Amato, Christy Venable Hawkins, Steven L. Cole, 2002 Practical Exam Preparation Guide of Clinical Skills for Athletic Training is a new study guide for the athletic training student that will aid in preparation for the practical portion of the NATABOC certification exam This learning tool will also serve as a means of developing entry level clinical skills as part of the Learning Over Time concept The majority of clinical skills included in this book are specific outcomes of Clinical Proficiencies referenced in the NATA Athletic Training Educational Competencies The user friendly

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Kendall's Muscles Vincent M. Conroy, Brian N. Murray Jr., Quinn T. Alexopoulos, Jordan McCreary, 2022-11-23. **Kendall's Muscles** Testing and Function with Posture and Pain 6th Edition transforms this landmark Physical Therapy classic to prepare you for unparalleled clinical success in today's practice. Timeless coverage of manual muscle testing, evaluation and treatment meets the latest evidence based practices, engaging imagery and dynamic digital resources to create a powerful resource you will reference for years to come. The extensively revised 6th Edition of this proven classic details normal and abnormal range of motion, developmental factors and environmental influences on posture, length tests and stretching exercises, entrapment and compression syndromes, scoliosis and more, incorporating extensive updates and enhancements to help you develop clinical confidence and ensure safe, effective practice throughout your career. The Journal of Physical Education and Program, 1983. **Muscles** Florence Peterson Kendall, Elizabeth Kendall McCreary, Patricia Geise Provance, 2010-06-15. This renowned classic provides unparalleled coverage of manual muscle testing plus evaluation and treatment of faulty and painful postural conditions. The thoroughly updated Fifth Edition is completely reorganized and has new expanded treatment and exercise sections in each chapter. Other features include a new section on post polio syndrome, additional case studies comparing Guillain Barre to polio muscle tests, a new full color design and a first of its kind chart of upper extremity articulations. A bonus Primal Anatomy CD ROM contains a three dimensional interactive model of the human body. Students can rotate the model and add or subtract layers of anatomy to strengthen their knowledge. **Dutton's Orthopaedic: Examination, Evaluation and Intervention Fourth Edition** Mark Dutton, 2016-07-29. Updated edition of the 1 orthopaedic evidence based textbook and reference guide. A Doody's Core Title for 2019. Dutton's Orthopaedic Examination, Evaluation and Intervention provides readers with a systematic, logical approach to the evaluation and intervention of the orthopedic patient. In this comprehensive and up to date fourth edition, Dutton strikes the perfect balance

in its coverage of examination and treatment. The textbook emphasizes the appropriate use of manual techniques and therapeutic exercise while outlining the correct applications of electrotherapeutic and thermal modalities as adjuncts to the rehabilitative process. The content reflects the consistent unified voice of a single author, a prominent practicing therapist who delivers step by step guidance on the examination of each joint and region. This in depth coverage leads you logically through systems review and differential diagnosis aided by decision making algorithms. Features new coverage on balance and concussions. New videos on testing and method techniques are available on AcessPT if adopted. Also this edition has added 10-15 board review questions per chapter and has updated chapters to reflect the latest research and treatment techniques.

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