

Practical Assessment of the Chiropractic Patient; Efficiency in Orthopedic and Neurological Examination

Presented by: K. Jeffrey Miller, DC, MBA
Chiropractic Orthopedist

University of Bridgeport College of Chiropractic Post Graduate Orthopedics
Program

Hour 1: Evaluation and Management (E&M) Coding in the Current Procedural Terminology (CPT) system.

Topics

- The relationship between E&M coding and proper selection of physical diagnosis techniques
- Medical vs. Chiropractic Diagnostic techniques in physical diagnosis
- History Components
 - History of the Present Illness (HPI)
 - Review of Systems (ROS)
 - Past, Family and Social Histories
 - Occupational History
- Examination Bullets
 - Neurological
 - Musculoskeletal
- The remain 5 Primary and Secondary Factors in Exam selection and Coding

Learning Objectives

- To establish an understanding of coding and examination interaction and practical inter-reliability
- To improve history taking methods and organization
- To help doctors utilize the coding system with more accuracy
- To improve documentation of history and examination techniques

Hour 2: Concepts in Orthopedic and Neurological Examination

Topics

- How to choose what tests and procedures to include in an examination
 - Test and procedure selection
 - Miller's principles for orthopedic and neurological testing

Learning Objectives

- To provide the student insight to the methods traditionally used to teach orthopedic and neurological physical examination procedures and compare the standard use of the procedures with adaptations that may be necessary in daily use of the procedures.
- Provide students with multiple points of view regarding selection of examination content
- Assist the student in developing an understanding of baseline examination procedures and their results.
- Develop the student's ability to move beyond baseline procedures and results to more comprehensive methods of examination

Hour 3: Examination of the Chiropractic Patient Utilizing 6 categories of Neurological Testing Part I Vital Signs and Mental Status

Topics

- Vital Signs plus 1
- The seven vital signs
 - Scales, ranges, normal and abnormal findings
 - Coding the seven signs
 - Pain Assessment
 - Types of Pain
- Mental Status Examination
 - An over looked aspect of evaluation and management in chiropractic
 - Practical assessment of mental status
 - Practical application of mental status information

Learning Objectives

- Remind doctors of interpretation of vital signs
- Develop a sense of staff roles in recording vital signs
- Establish the reasoning behind the need to perform evaluation of mental status both clinically and for legal purposes
- Focus on student acquisition of skills in "Observed Objective Findings" as they relate to patient history and observation
- Teach practical utilization of traditional examination skills

Hour 4: Examination of the Chiropractic Patient Utilizing 6 categories of Neurological Testing

Part II Cranial Nerves

Topics

- 10 of 12
- Traditional methods of CN examination
- History
- Practical application of the traditional methods
- Nuances in clinical examination
- The Conversation

Learning Objectives

- Establish the reasoning behind the need to perform evaluation of mental status both clinically and for legal purposes
- Focus on student acquisition of skills in “Observed Objective Findings” as they relate to patient history and observation
- Teach practical utilization of traditional examination skills

Hour 5: Examination of the Chiropractic Patient Utilizing 6 categories of Neurological Testing

Part III Motor Function

Topics

- Upper vs. Lower Motor Functions
 - Testing lower motor function
 - Muscle(s) and their related nerve root and peripheral nerves
 - Muscle testing procedures
 - Rating lower motor test findings
 - Testing upper motor function
 - Testing procedures
 - Interpreting upper motor findings
 - Documentation of motor findings
 - Further differentiation of upper and lower motor dysfunction

Learning Objectives

- Create a clear distinction between upper and lower motor neuron lesions
- Enhance the doctors capabilities in motor testing and interpretation
- Enhance the practicality of motor testing in a manner that makes testing efficient and productive

Hour 6: Examination of the Chiropractic Patient Utilizing 6 categories of Neurological Testing

Part IV Reflex Function

Topics

- Common DTRs
- Common Pathological and Superficial Reflexes
- Practical application of the traditional methods (Skills)
- Nuances in clinical examination
- The importance of reflex grading (a more practical method)

Learning Objectives

- Convey the realization that reflexes are often ignored or performed inadequately and train students in the importance and proper performance of the procedures
- Establish an understanding of proper reflex hammer selection
- Discuss the variety of methods available for grading reflexes and suggest the two most effective methods

Hour 7: Examination of the Chiropractic Patient Utilizing 6 categories of Neurological Testing

Part V Coordination Function

Topics

- An underestimated and overlooked aspect of the neurological examination (stressing the importance of the functions)
- Traditional methods of testing coordination
- Test results and interpretations
- Practical application of traditional tests

Learning Objectives

- Establish a better understanding of coordination testing
- Implant methods necessary for improved performance and interpretation for coordination testing
- Create an understanding of patient safety during coordination by comparing and contrasting traditional tests

Hour 8: Examination of the Chiropractic Patient Utilizing 6 categories of Neurological Testing

Part VI Sensory Function

Topics

- The least useful category of the six categories of neurological testing?
- Why...
- Traditional methods of sensory testing
- Practical application of traditional tests
- Improving your interpretations of sensory testing results
- Nuances in clinical examination

Learning Objectives:

- Create an understanding of the limitations of sensory testing
- Effect the students' use of traditional sensory testing to improve upon deficiencies in sensory testing

Hours 9 & 10: Spinal Orthopedic Testing

Topics

- Efficient full spine procedures
- A 9 Procedure Spinal Screening Examination
 - Drift and Max Foraminal Compression Tests
 - Brachial Plexus Tension Tests
 - Seated Kemp's Test
 - The Modified Slump Test
 - Sphinx and Prone Knee Flexion Tests
 - Yeoman's and Femoral Stretch Tests
 - Hibb's and Patrick's Tests
 - Fluid Motion test
 - Rotational/Side Posture Screening and FAIR/Piriformis Tests

Learning Objectives

- Discuss the Slump Test in order to develop a fuller understanding of combination/compound testing and the utility of such a test
- Solidify the understanding of the slump test, its interpretation and appropriate documentation.
- Establish an understanding of how to use combined/compound testing for grading the severity of identified pathologies
- Extend the concepts and understanding or additional methods of combination/compound test for additional regions of the spine
- Help the students acquire the ability to perform a rapid initial assessment of a new or established patient.