



Clinical Integration HNS is a clinically integrated physician network (CIN). A clinically integrated network is a collection of health care providers who commit to work together on the quality and cost-effectiveness of care for a specific population.

HNS In simple terms, clinical integration is a continuous process that supports the triple aim of health care: Improving safety and quality of care Reducing or controlling the cost of care Improving access to care and the overall patient experience

4

What is Quality Healthcare?



Quality health care is care that is safe, effective, patient-centered, timely, efficient, and equitable.

Quality in healthcare means
providing the care the patient needs
when the patient needs it,
in an affordable, safe, and effective manner.

NCCA Fall 2024

5

What is Quality Healthcare?



At the core of 'quality healthcare' is the assumption that care will always be provided pursuant to generally recognized standards of medical and professional ethics, and the ethical and professional standards set forth by respective licensing board, the HNS Code of Ethics, HNS' Ethics and Professional Standards, and HNS Compliance Policies for Contracted Healthcare Professionals.

A core performance standard is that all healthcare professionals contracted with HNS shall, at all times, conduct business with **fairness**, **honesty**, **integrity**, **professionalism**, and consistent with the above noted standards, and all applicable laws and regulations.

NCCA Fall 202

What is Quality Healthcare?

(Always Do the Right Thing, in the Right Way...)



Even in cases where interpretation of the policies, the HNS Code of Ethics, HNS Ethics and Professional Standards, or law may be ambiguous, permissive, or lenient, HNS expects its contracted healthcare professionals to always do the right thing, in the right way, and choose the course of honesty and integrity.

NCCA Fall 2024

7

HNS Best Practices



HNS has developed policies, programs and best practices

which promote quality, safety, cost-efficiency, and which improve the overall patient experience.

The term "best practice" is often used to indicate what institutions, and well-regarded practitioners are doing. In short, a best practice is a method or practice that conventional wisdom suggests is effective and will reliably lead to desired and/or improved outcomes.

NCCA Fall 2024

8



HNS Best Practices



These **best practices** were developed, in part, with guidance from HNS' Professional Affairs Advisory Boards (PAAB). HNS PAABs are comprised of more than seventy chiropractic physicians practicing in North and South Carolina.

The standards contained herein are consistent with industry standards, federal and state laws, and the policies of HNS and its contracted payors.

These best practices may be periodically updated to address relevant changes in the industry, law, and payor and HNS policies.

NCCA Fall 2024

Because of the significance of the new E/M code changes to this CE program, which were effective 01/01/21, before we get started on Clinical Quality and Documentation Standards, let's first review the important new E/M code changes.

10

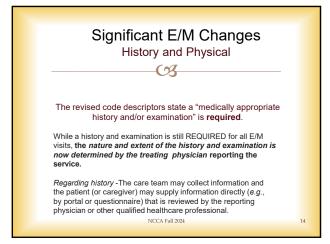
2021 E/M Changes The American Medical Association (AMA) and the Centers for Medicare and Medicaid Services (CMS) joined together to reshape evaluation and management (E/M) guidelines. The primary goal of the new guidelines was administrative simplification. The changes were effective 01/01/21.

11

E/M Services Evaluation and Management (E/M) Services are the most frequently billed CPT codes in all of medicine. The broad classification of E/M services include: Office or other outpatient services Hospital inpatient services Prolonged services Preventive medicine services Care management services The revisions reviewed herein only apply to office or other outpatient services. NCCA Fall 2004

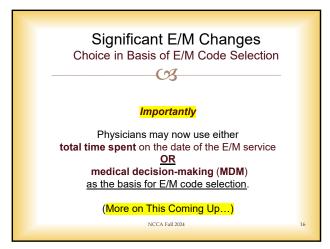
Significant E/M Changes Deletion of CPT 99201 Code 99201 has been deleted. The decision to delete CPT code 99201 was made because both 99201 and 99202 require the same level of decision-making and are only differentiated by history and exam elements. As of 01/01/21, Payors no longer reimburse for this code. (Report the applicable code using 99202-99205)

13



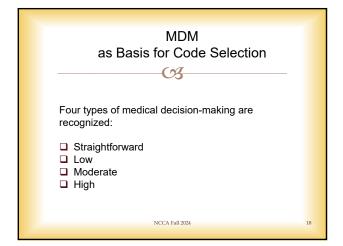
14

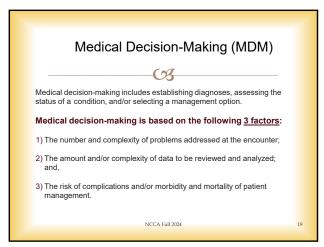
Significant E/M Changes History and Physical While the provider's work in capturing the patient's pertinent history and performing a relevant physical exam contributes to both the time and medical decision making, these elements alone should not determine the appropriate code level. The extent of the history and physical examination is NOT an element in selection of the E/M code.

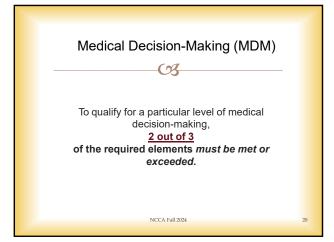


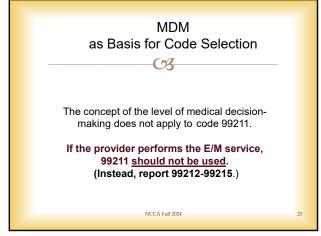
Medical Decision-Making (MDM) as the Basis for Code Selection

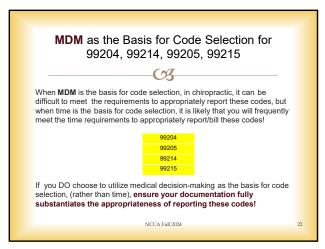
17

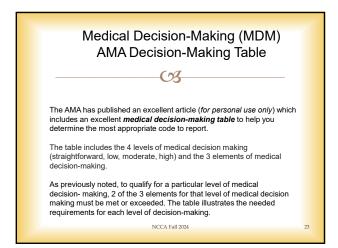




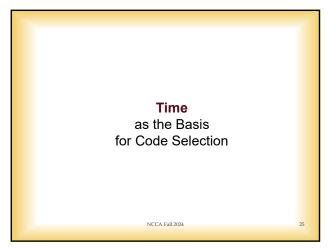


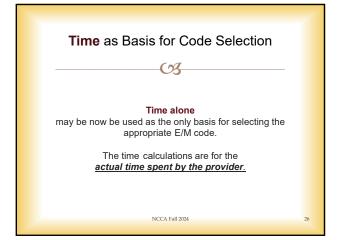


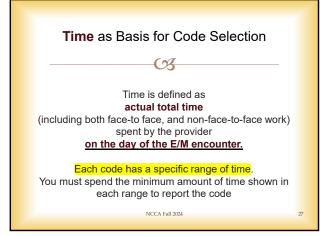




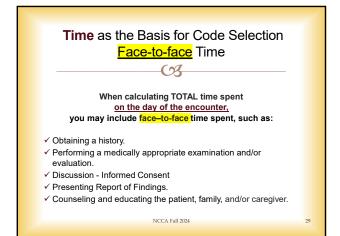
Medical Decision-Making AMA Decision-Making Table The article is titled "CPT® Evaluation and Management (E/M) Office or Other Outpatient (99202-99215) and Prolonged Services (99354, 99355, 99356, 99XXX) Code and Guideline Changes". This article (and the decision-making table) can be obtained by copying and pasting the web address below to your browser: https://www.ama-assn.org/system/files/2019-06/cpt-officeprolonged-svs-code-changes.pdf







Time as the Basis for Code Selection (Table of Minutes) Total Time (minutes) on the date of the encounter that must be met or exceeded Code deleted Code (Time removed)



Again, whenever time is the basis for code selection: Report of Findings (ROF) Again, whenever time is the basis for code selection, you will use the total time spent on the day of the encounter. If your Report of Findings is done on the same day as the E/M visit you MAY include the time spent on ROF when calculating total time. If your Report of Findings is done on a day other than the day of the E/M visit you MAY NOT include the time spent on the ROF when calculating total time.

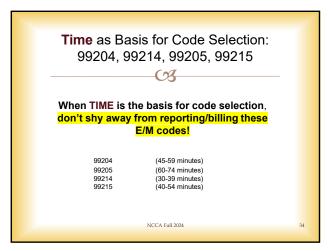
Time as the Basis for Code Selection Non-face-to-face Time When calculating TOTAL time spent on the day of the encounter, you may include non-face-to-face time spent, including: Reviewing tests in preparation of a patient visit Reviewing a separately obtained history Review of imaging studies, tests, and/or records brought by patient Ordering tests, procedures, etc. Creating treatment plan Preparing Report of Findings. Documenting information in the healthcare record.

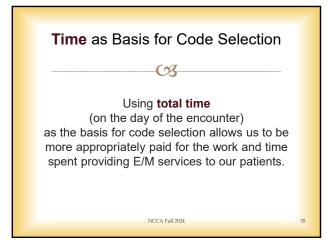
31

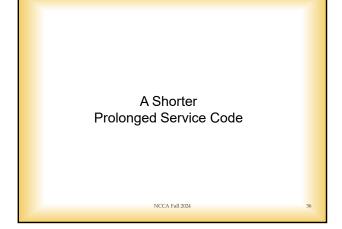
Time as the Basis for Code Selection Non-face-to-face Time When calculating TOTAL time spent on the day of the encounter, you may also include non-face-to-face time spent, such as: Referring and communicating with other healthcare professionals (coordination of care), when not separately reported with other CPT codes. Independently interpreting tests NOT separately reported with other CPT codes. (More about this coming up ...) Communicating results of tests NOT separately reported with other CPT codes. (More about this coming up ...)

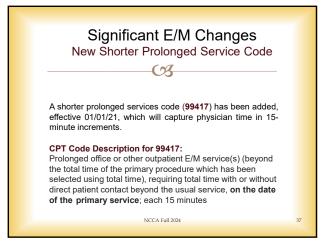
32

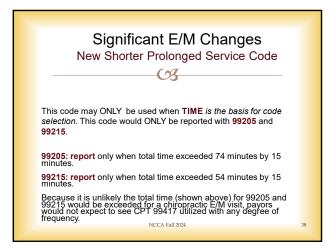
Time as the Basis for Code Selection Staff Time In calculating total time spent on the day of the encounter, time does NOT include time for activities normally performed by clinical or clerical staff. Whether face-to-face, or non-face-to-face, total time can only reflect time spent by the provider (not staff time).





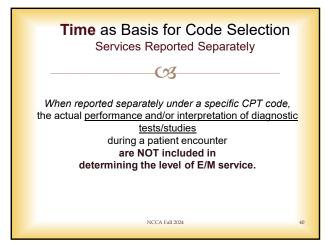


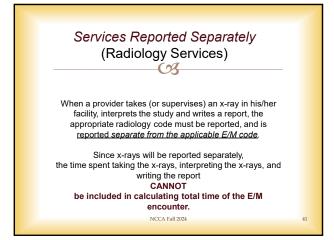


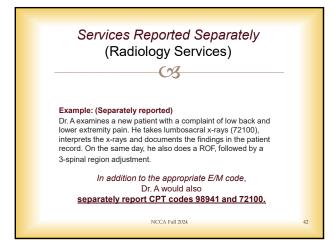


Services Reported Separately

(When time is the basis for Code Selection)







Services NOT Reported Separately (When time is the

basis for Code Selection)

NCCA Fall 2024

43

Services NOT Reported Separately



If a test/study is independently interpreted to manage the patient as part of the E/M service, and is NOT separately reported with a specific CPT Code, then provided the interpretation is done on the same DOS as the E/M service, the time spent interpreting and discussing the test/study with the patient

CAN be counted when calculating total time.

44

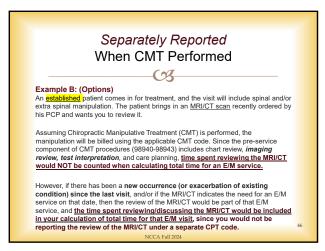
Services NOT Reported Separately

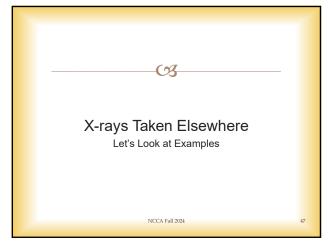


Example A: (Not separately reported)A new patient comes in to see Dr. A for his initial evaluation and brings a copy of a recent CT of his spine.

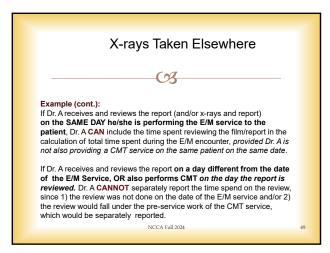
Since Dr. A did not order, take or interpret the CT, he will not report (bill) the review of the CT using a separate CPT code.

Dr. A does NOT perform CMT on this visit. As part of Dr. A's evaluation of the patient, he reviews the CT scan. However, since Dr. A will not report (bill) a CMT code related to the CT scan, he CAN include the time he spent reviewing/discussing the scan when calculating the total time spent on this E/M visit.

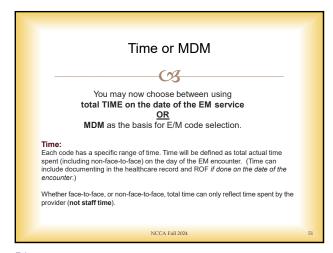




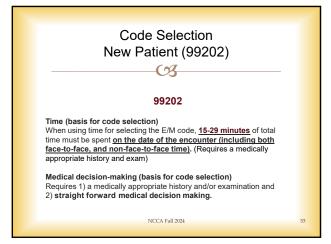
Example: Dr. A does not have x-ray in his office, and has an arrangement with Dr. B down the street to take and interpret x-rays for Dr. A, and Dr. A has agreed to pay Dr. B a fee for his services. Dr. A has a new or established E/M service scheduled for today. Dr. A wants films on the patient and sends the patient to Dr. B and asks him to do radiologic examination, spine (CPT 72100). Dr. B takes and interprets the x-rays and sends a written report to Dr. A with his findings. • Dr. B reports/bills the global x-ray code (72100). • Dr. A does not separately report a specific CPT code for the interpretation of the x-rays.

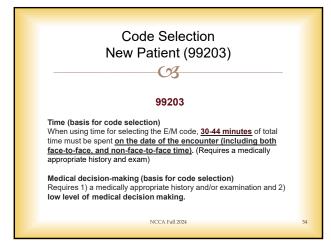


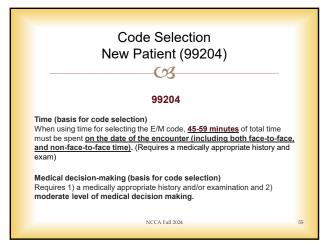


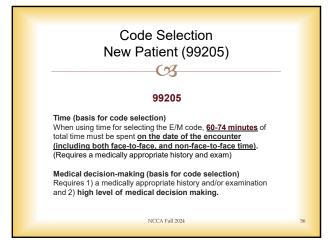


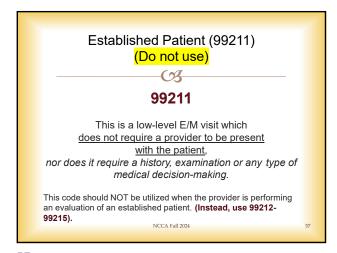


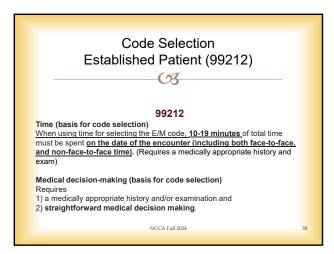


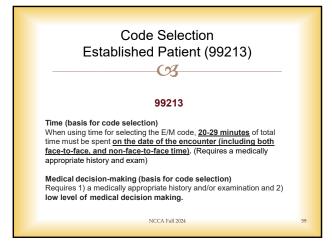


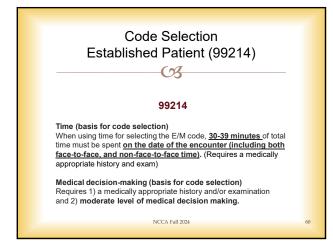


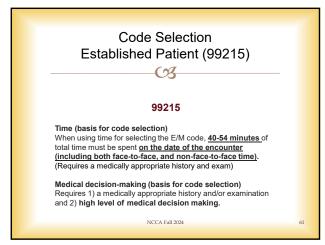


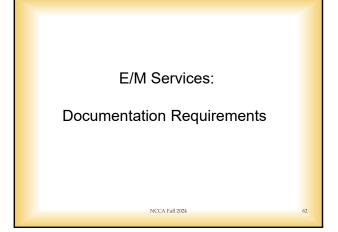


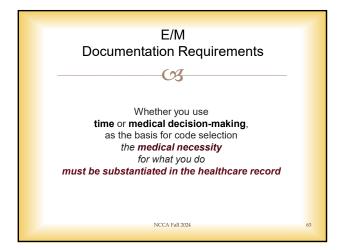


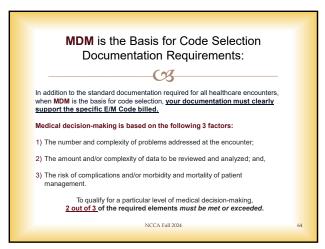












Time is the Basis for Code Selection Documentation Requirements: In addition to the standard documentation required for all healthcare encounters, when TIME is the basis for code selection, your documentation must indicate the total time spent during the E/M encounter (and should include both face-to-face time spent with the patient as well as non-face-to-face time spent on the same day as the encounter.) Your documentation should make clear that time was the basis for the code selected.

65

Examples of Documentation When TIME is the Basis for Code Selection

Initial Exam (Example of Documentation)



Mr. X entered the office today (05/16/21) for complaint(s) resulting from an accident involving two automobiles.

The patient met with office support staff for further questioning about his symptoms and complaints. This information, along with patient intake questionnaires were reviewed an annotated by the examining provider (8 minutes). The completed questionnaire is in the patient's permanent digital file and available for review.

<u>Subjective</u>: Patient complains at the time of the accident he felt discomfort at the abdomen, back, chest, head, neck, right upper extremity and left upper extremity and left upper extremity and supplemental complaints of breathing difficulty, rib pain, stomach pain, headaches, tightness, soreness, sleeping difficulty, tiredness, loss of appetite and low energy. Mr. X states that since the date of the accident his overall condition has not changed, and reports deteriorated daily functioning.

NCCA Fall 2024

67

Initial Exam (Example of Documentation)



Mechanism of Injury:

Patient was positioned as the front seat passenger of the vehicle, and was wearing seat belts; air bag did not deploy. Seat he was sitting in was broken during impact. He states prior to impact headrest was in 'low' position relative to the head and the head did come in contact with head restraint. States he was looking straight shead at impact and did strike back of head/neck, front of head and right side of head against dashboard, door, headrest, seat, and window. Patient relayed he did receive a head injury, but did not lose consciousness.

Estimated speed of patient's vehicle was between 40 and 60 mph. The other vehicle was moving at an estimated speed excess of 65 mph. The patient's vehicle was totaled and removed from the scene. Police arrived at scene and an accident report was completed. EMS personnel were present. Patient was driven to XXX Hospital ER by family and had CT scans of head, neck, chest, pelvis, abdomen, and was prescribed medication and released.

NCCA Fall 202

68

Initial Exam (Example of Documentation)



Chief Complaint: Patient reports acute pain of posterior head, posterior cervical (neck), thoracic, lumbar, chest, stemal and abdominal pain due to the impact of auto accident, and deteriorating function

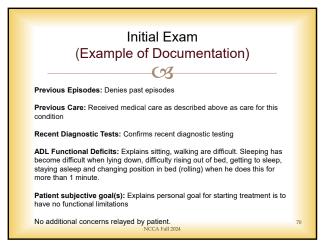
VAS: Complaint has stayed the same since onset, pain scale is 7/10 (10/10 most severe)

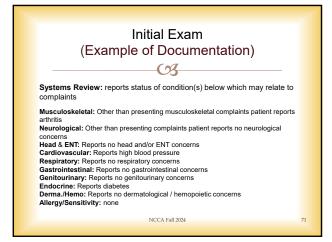
Frequency/Quality: Constant discomfort described as aching, burning, deep, dull, sharp, stabbing/throbbing, stiffness and tightness

Radiation of Symptoms: Currently non-radiating

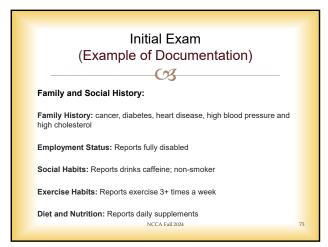
Modifying Factors: Relieved by prescription medication and aggravated by: any movement, bending, carrying or lifting, changing positions, coughing or sneezing, getting out of bed, car, or chair, looking over shoulder, lying down, getting or falling asleep, pushing, pulling, or reaching, raising arm above shoulder, self care, sitting in car or chair, squatting or bending, standing, walking or running and working at desk or computer.

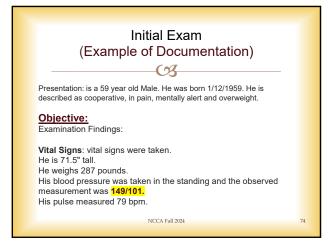
NCCA Fall 202



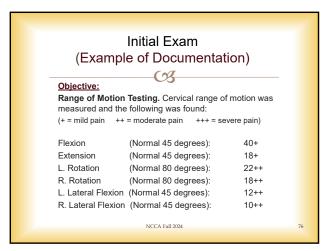


Initial Exam (Example of Documentation) Past Health History: Surgery: shoulder- left and shoulder- right, left and right knee replacement, cyst removed from throat and right ear. Illnesses: severe osteoarthritis, diabetes, high blood pressure and high cholesterol. Medications: prescription meds for hypertension and high cholesterol, over-the-counter muscle relaxers. Accidents: multiple slip and falls, resulting in permanent injury or disability and resulting in hospitalization(s) NCCA Fall 2024





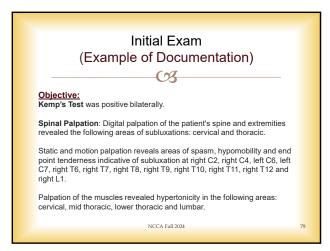
Initial Exam (Example of Documentation) Objective: The following examinations/tests/studies were performed on Mr. X to evaluate his current complaint(s). Range of Motion (ROM) testing Active range of motion testing procedures were performed today using the ZERO-NEUTRAL, GRAVITY-BASED SFTR (Sagittal Frontal Transverse Rotation) Method from the AMA Guidelines to the Evaluation of Permanent Impairment, Fifth Ed., 2001. The individual test measurements and their calculated impairments are objective tests and will be repeated periodically to measure patient progress toward treatment goals and to help determine when MMI is reached.



Initial Exam (Example of Documentation) Objective: Range of Motion Testing. Lumbar range of motion was measured and the following was found: +++ = severe pain) (Normal 90 degrees): Flexion 45+ Extension (Normal 25 degrees): 10+ (Normal 30 degrees): 20 L. Rotation R. Rotation (Normal 30 degrees): 20 L. Lateral Flexion (Normal 25 degrees): 10+ R. Lateral Flexion (Normal 25 degrees): 10+

77

Initial Exam (Example of Documentation) Objective: Cervical compression: A Cervical Compression Test was performed on this patient in order to localize the cervical pain. Downward pressure was applied to the top of the head with a positive test resulting in radiating spinal pain. Mr. X tested positive with pain. An increase in pain was noted in the left cervical and right cervical region that was rated as a Grade 3: Severe pain observed and reported. His movement was observed to be painful.



Initial Exam (Example of Documentation)



Objective:

X-ray studies of the cervical spine in the A-P, A-P Open Mouth, and Lateral views were performed 5/16/21 at X Chiropractic. P.A. Films were read by Dr. X, DC, and revealed the following:C2 spina bifida anomaly; C2, C4 right body rotation; C6, C7 left body rotation; severe goose neck lordosis; moderate left C3-C7 spurring /degeneration, possible ankylosis; moderate anterior spurring C6-C7.

X-ray studies of the thoracic spine in the A-P and Lateral views were performed 5/16/21 and read by Dr. X, DC and revealed the following: severe right ankylosis T7-L 1; T6-L 1 right body rotation.

I also reviewed a CD copy of CT scans of his head, neck, chest, abdomen taken at the ER, as well as the ER physician notes from the date of the accident.

80

Initial Exam (Example of Documentation)



Functional Assessments were completed today by the patient:

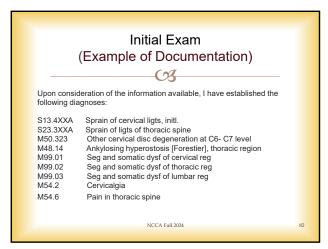
Neck Pain Disability Index Questionnaire rendering a score or percentage of 56 which demonstrated functional deficits or disability.

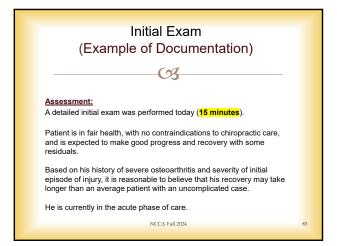
Low Back Disability Questionnaire (Revised) rendering a score or percentage of 48 which demonstrated functional deficits or disability.

Oswestry Disability Questionnaire rendering a score or percentage of 46 which demonstrated functional deficits or disability.

Headache Disability Index Questionnaire rendering a score of percentage of 34 which demonstrated functional deficits or disability.

NCCA Fall 2024

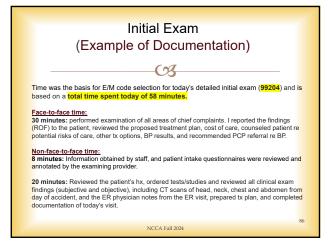




Initial Exam (Example of Documentation) Plan Short Term Goals: Treatment goals include the following; 50% reduction in symptoms, 50% reduction of pain and 50% increase in ability to perform impacted ADL's, and 10% improvement in cervical and lumbar ROM within 4 weeks. Based on examination findings, the initial plan will be 3 visits per week for 4 weeks. Unless there is a basis for change, the treatment plan will remain unchanged until the 12th visit or approximately 4 weeks from today (whichever comes first). Changes in condition for better or worse or any new injury will be noted.

Initial Exam (Example of Documentation) Informed Consent Probability and significance of any risks associated with the proposed treatment as well as other treatment options were discussed with Mr. X today. He was provided an opportunity to ask questions. It was clear he understood the plan, cost of care, and decided to move forward with treatment. He signed consent for treatment of injuries sustained as the result of the accident that occurred on 5/11/21, which is in the patient's permanent digital file and available for review.

85



86

Initial Exam (Example of Documentation) Treatment: Electrical stimulation in the form of premodulated current was applied to both the thoracic and lumbar regions. The cycle time set at continuous. The beat frequency set at 80-150 Hz. Electric muscle stimulation was performed for 8 minutes on each affected region to reduce spasm, improve range of motion, and alleviate pain. Myofascial Rapid Release was applied to the bilateral traps and levator scapulae muscles to increase range of motion and decrease muscle spasm (for 5 minutes). While in the acute phase, continued need for this procedure will be assessed on follow-up visits.

Initial Exam (Example of Documentation) **Treatment** Adjustments were delivered in the following manner: Specific chiropractic spinal adjustments including the following techniques: Diversified technique and ProAdjustor were performed in 3-4 regions at the following spinal levels C1, C2, C3, CS, C6, C7, T1, T2, T3, T4, T5, T6, T7, T8 and L1.

The patient will return in 2 days for follow-up care.

PCP Referral: Because the patient is on prescribed Rx for hypertension and his BP today is 149/101, the patient was directed to promptly contact his PCP, advise him/her of the BP reading today, and to comply with PCP's advice or guidance.

88

Re-exam (Example of Documentation)



As a follow up to the initial detailed examination performed 5/16/2021, a follow up detailed reexamination was performed today (6/11/2021).

The patient met with office support staff for further questioning about his symptoms and major complaints and completed new OAs. This information, along with patient intake questionnaires, was reviewed and annotated by the examining provider (5 minutes). The completed questionnaires are in the patient's permanent digital file and available for

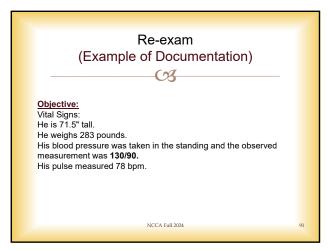
89

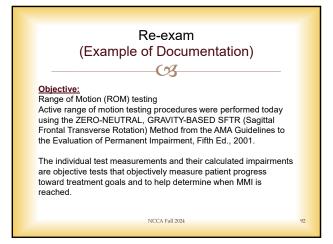
Re-exam (Example of Documentation)

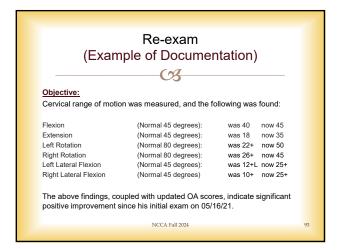


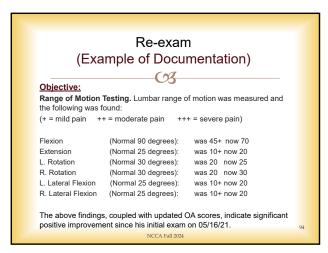
<u>Subjective:</u>
He reported that the following symptoms have diminished since he began treatment; headaches, chest pain, upper back pain. Cervical pain present but improved. Overall, he feels his condition is significantly better. However, he complains of occasional dull, aching and tightness discomfort in the mid back. He rated the intensity of discomfort, using a VAS, as a level 3 on a scale of 1 to 10, with 10 being the most severe. The discomfort was reported to increase with prolonged sitting and coughing / sneezing. The discomfort was reported to decrease with rest and chiropractic care.

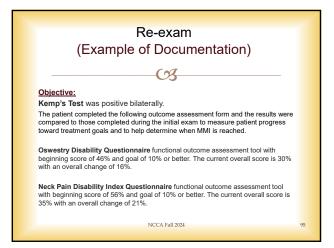
He also complained of intermittent sharp/ shooting, dull/aching discomfort in the low back. He rated the intensity of discomfort, using a VAS, as a level 9 on a scale of 1 to 10 with 10 being the most severe. The discomfort was reported to increase with movement and coughing / sneezing.



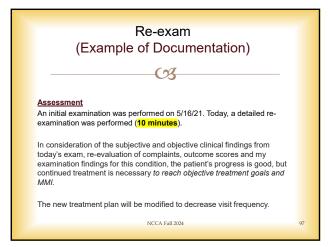


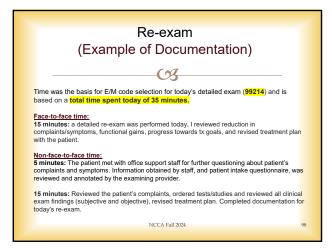




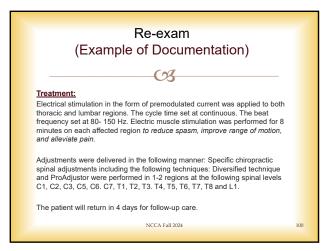


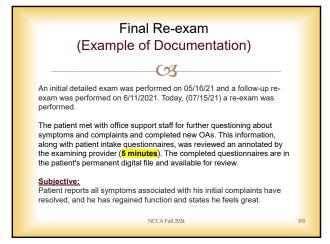
Re-exam (Example of Documentation) Objective: A re-exam of previous examination positives was performed 6/11/21 on Mr. X. Upon consideration of the information available the diagnoses have changed to: M99.01 Seg and somatic dysf of cervical reg M99.02 Seg and somatic dysf of thoracic reg M99.03 Seg and somatic dysf of thoracic reg M54.2 Cervicalgia M50.323 Other cervical disc degeneration at C6- C7 level M48.14 Ankylosing hyperostosis [Forestier], thoracic region M54.6 Pain in thoracic spine.

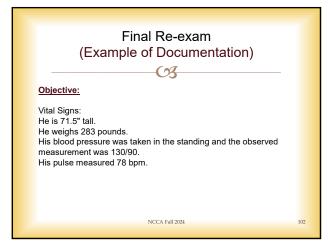


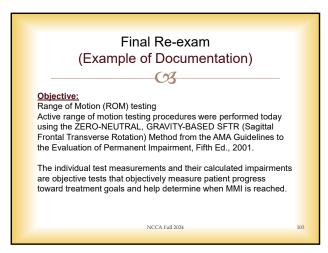


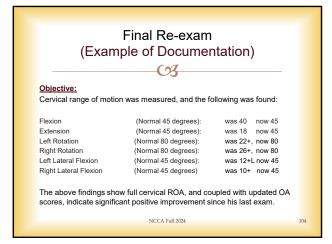
Re-exam (Example of Documentation) Plan Short Term Goals: Our initial goals included the following; 50% reduction in symptoms, 50% reduction of pain and increased ability to perform ADLs and 10% improved cervical and lumbar ROM within 3-4 weeks. While significant progress has been made, more treatment is needed to reach initial treatment goals. Our goal will be to decrease visit frequency without losing progress made and look for him to reach MMI within the next 4 weeks. The treatment plan is revised to 2 visits every week for 2-3 weeks, based on objective findings, may extend for 2 more weeks. Changes in condition for better or worse or any new injury will be noted.

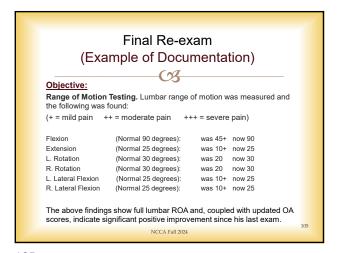


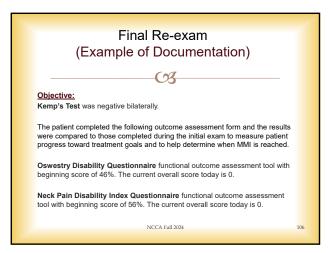


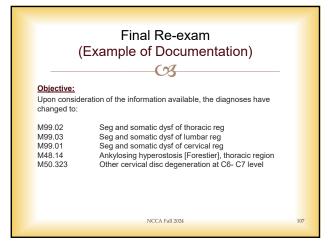


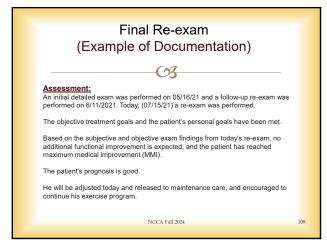


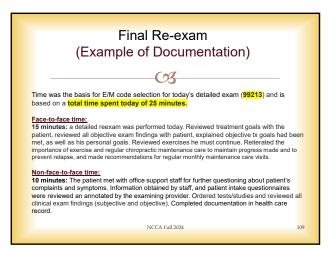


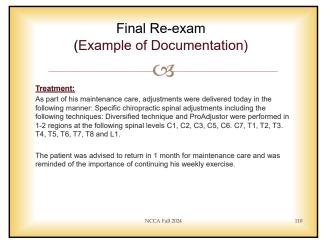




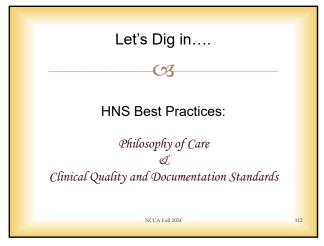


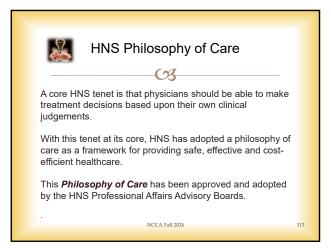


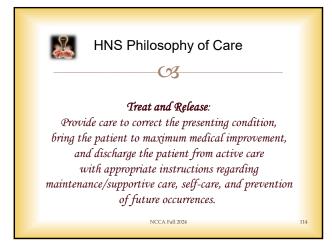




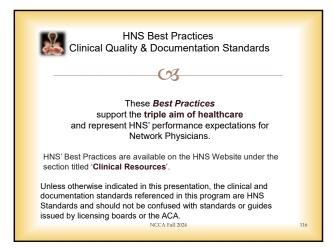
Reminder: Time as Basis for Code Selection Use total time (on the day of the encounter) as the basis for code selection to be more appropriately paid for the work and time spent providing EM services!





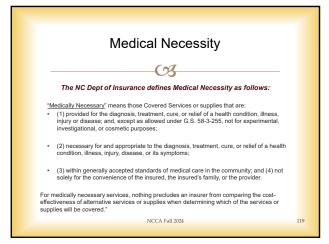














Medical Necessity Notes from CIGNA CMP

CIGNA CMP, in part, states it "covers chiropractic manipulation and adjunct therapeutic procedures/modalities (e.g., mobilization, therapeutic exercise, traction) as medically necessary when ALL

 A neuromusculoskeletal condition is diagnosed that may be relieved by standard chiropractic treatment in order to restore optimal function."

of the following conditions are met:

NCCA Fall 2024

121

Medical Necessity Notes from CIGNA CMP



CIGNA CMP cont.

- "The individual is involved in a treatment program that clearly documents all of the following:
 - ☐ a prescribed treatment program that is expected to result in significant therapeutic improvement over a clearly defined period of time
 - ☐ the symptoms being treated
 - ☐ diagnostic procedures and results
 - individualized treatment plan with identification of treatment goals, frequency and duration
 - demonstrated progress toward significant functional gains and/or improved activity tolerances."

NCCA Fall 2024

all 2024

122

Maintenance Care



Maintenance Care is elective healthcare that is typically long-term and provided at regular intervals to improve good health, prevent disease and spinal degeneration, prolong life, and enhance the quality of life.

Maintenance begins

when the therapeutic goals of a treatment plan have been achieved and when no further functional progress is apparent

n no further functional progress is apparen or expected to occur.

NCCA Fall 2024

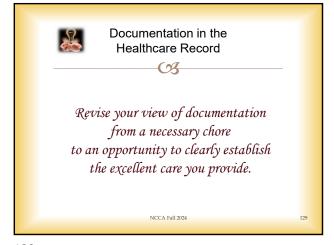




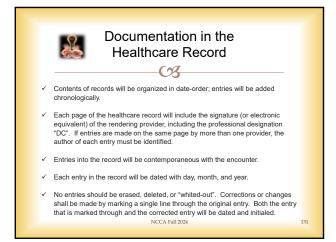




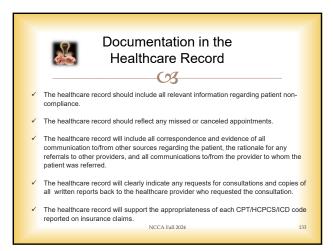


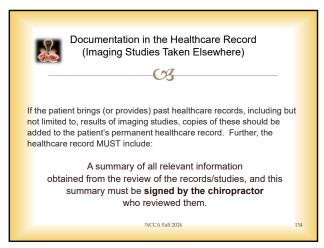


Documentation in the Healthcare Record Thorough, precise, and timely documentation of services provided is in the best interests of each healthcare provider, his/her patients, and of the payors responsible for the payment of those services. The following are basic standards for documentation regarding healthcare records and are consistent with industry standards. These standards are in addition to documentation standards noted elsewhere in this training module.

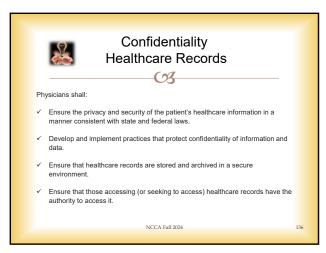


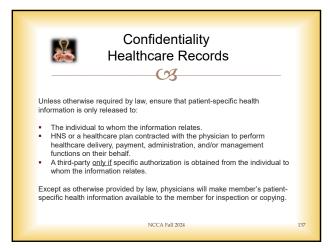




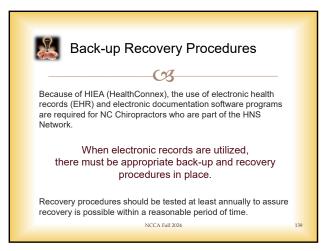


Confidentiality Healthcare Records All providers have legal, professional, and ethical obligations to protect patient confidentiality, and Protected Health Information (PHI), which includes information in the healthcare record. (HNS Compliance Policies for Contracted Health Care Professionals include policies relating to HIPAA/HITECH. Those policies are posted under the "Compliance" section of the HNS Website.) It is essential that the confidentiality of the information in the healthcare record be safeguarded and shared only as necessary to protect the interests of the patient.













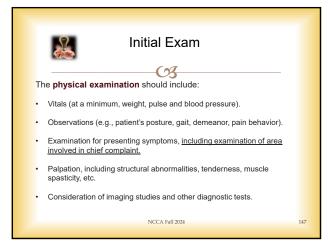


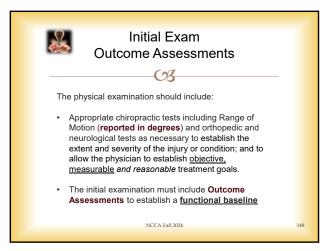


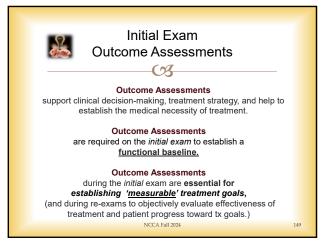


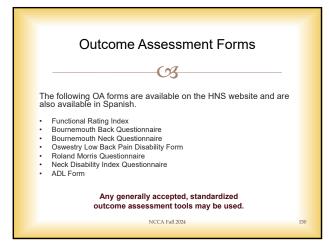


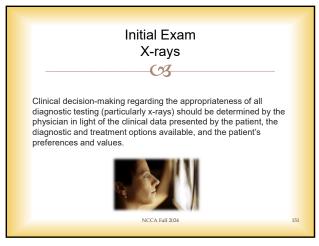


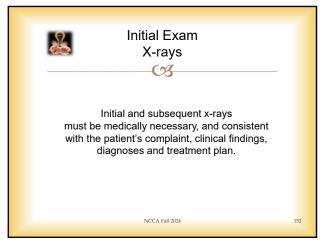


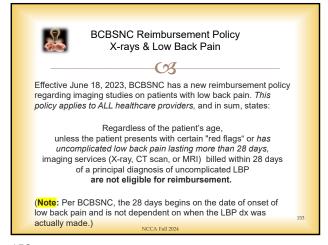


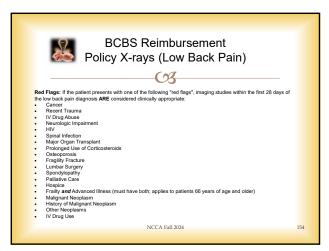


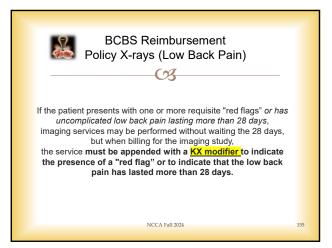


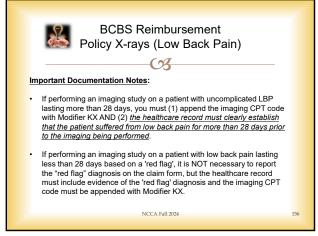






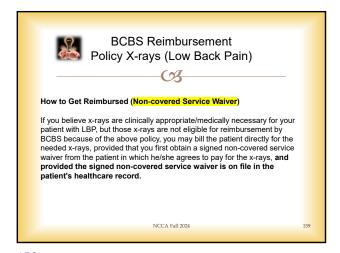


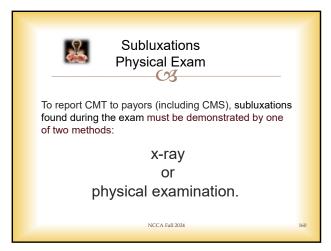


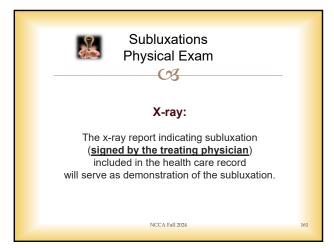


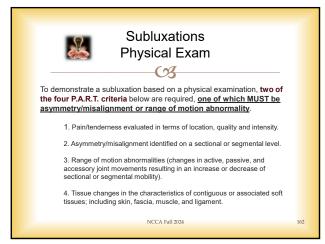


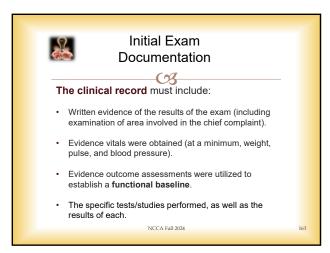


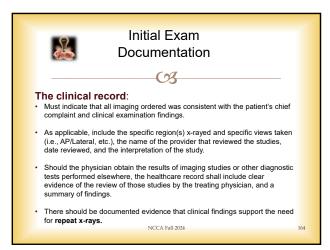


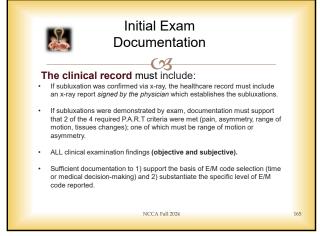


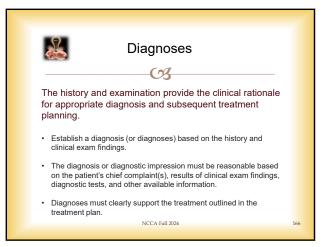


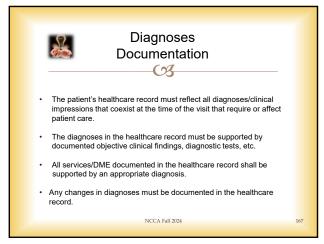


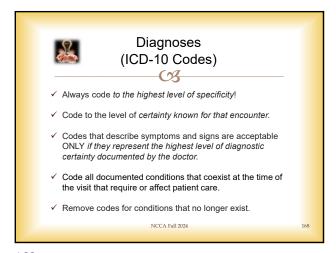


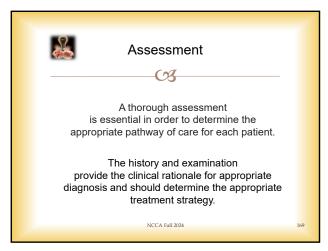


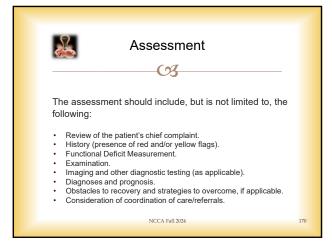


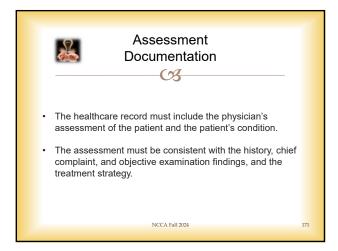


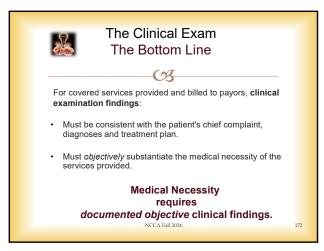






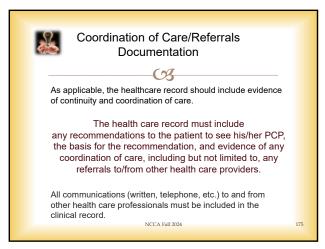




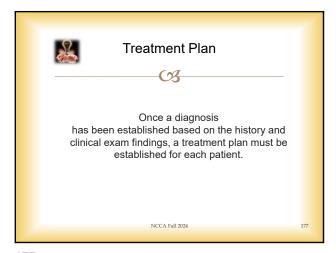








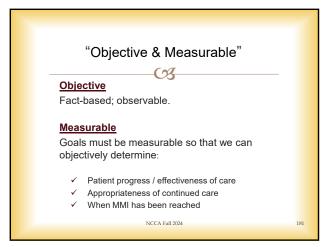


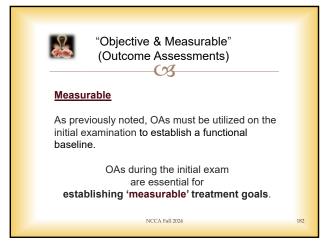


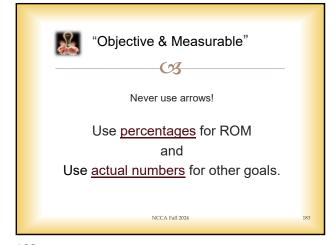


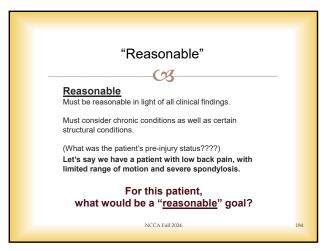












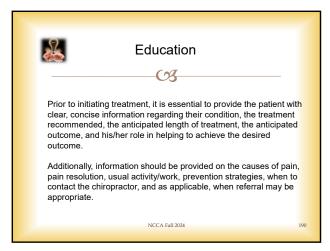


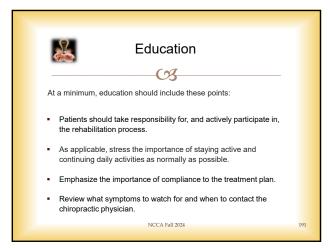


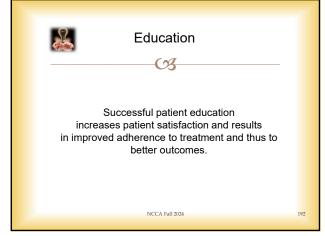






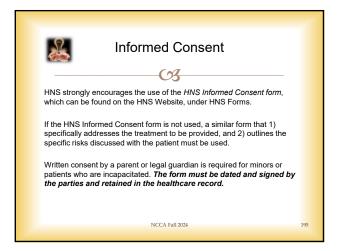








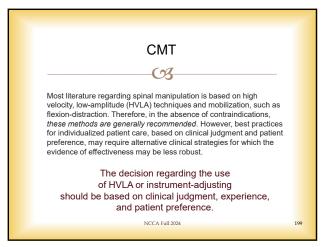


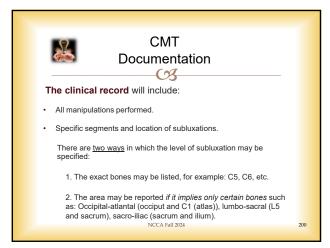






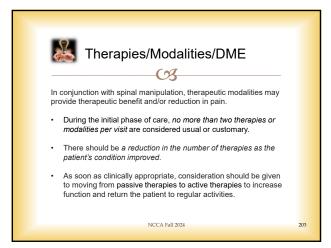




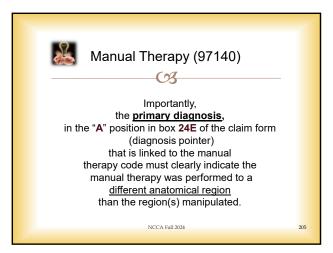




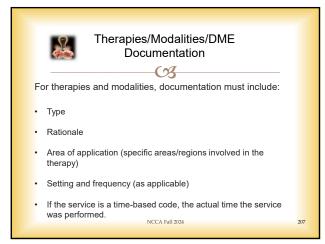


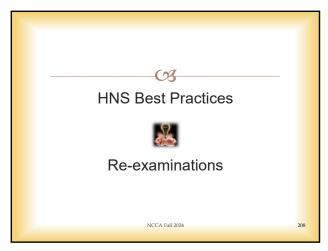


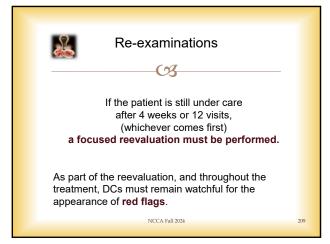




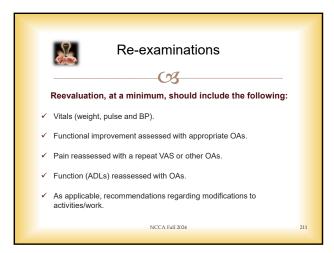






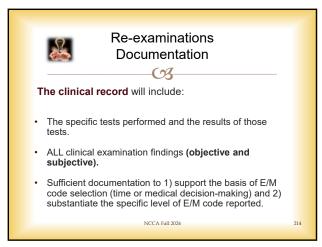




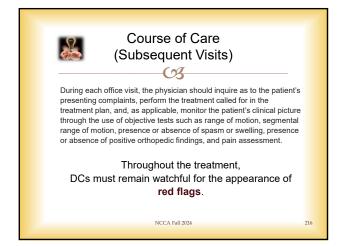


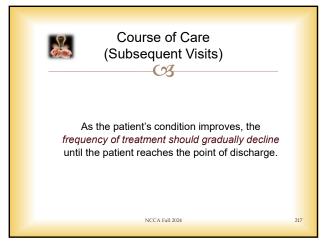




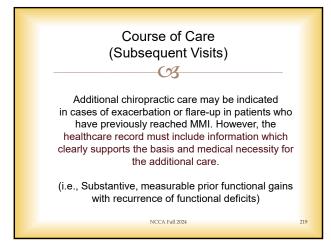




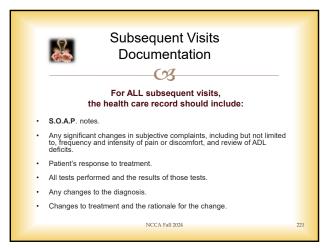


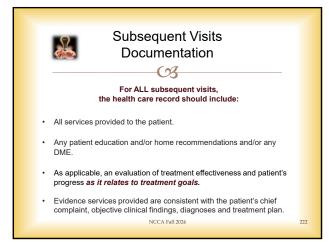


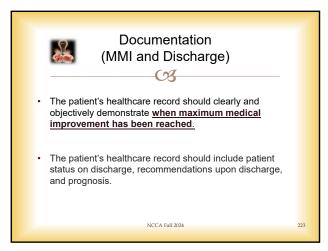




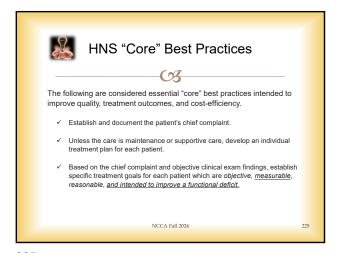


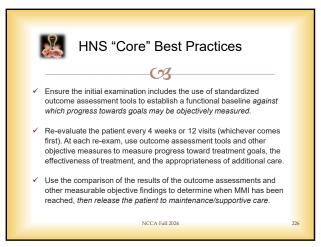


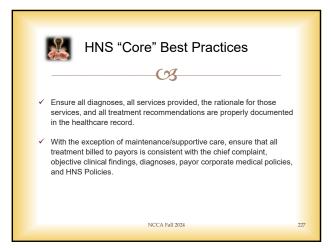


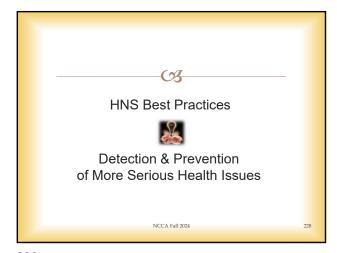






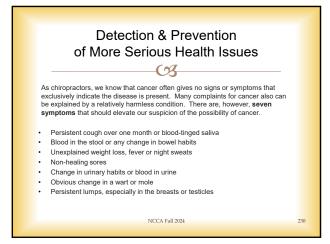






Detection & Prevention of More Serious Health Issues As Doctors of Chiropractic, we received extensive training in identifying conditions in patients, which enables us to recognize problems. Further, we see our patients on a more routine basis than most health care providers. Chiropractors have the unique opportunity to consistently monitor their overall health and identify small changes that may be indicative of a larger issue. And of course, many conditions are far easier to treat when they are identified early. A brief review....

229



230

Detection & Prevention of More Serious Health Issues Most problems that present in chiropractic offices today are biomechanical in nature and do not necessarily signify a dangerous underlying abnormality. However, as we know, some pain indicates a serious condition, such as inflammatory disease, fracture, referred pain, infection, or cancer. To determine whether there is a potentially dangerous cause of pain, clinicians often seek historical or examination findings that might be "flags". Red Flags and Yellow Flags Red Flags — a clinical symptom or sign that may indicate serious pathology as a source of the patient's spinal pain. This may represent a contraindication to treatment. Yellow Flags — a symptom or sign that should raise the index of suspicion regarding the development of chronicity in a patient with spinal pain.

Detection & Prevention of More Serious Health Issues (Red Flags) Spinal pain of unknown origin in patient age <20 or >50 Trauma related to pain History of cancer Night pain Fever, chills, night sweats, nausea, vomiting, fatigue, diarrhea Weight loss Pain at rest	
Corticosteroid use Recent infection Generalized systemic disease (diabetes) Fallure of 4 weeks of conservative care Cauda Equina Saddle anesthesia Sphincter disturbance Motor weakness lower limbs	232
NCCA Fall 2024	232

