



INTRO / LEVEL 1

NUCCA Protocol – JOHNSON

This class is an overview of NUCCA treatment protocols and basic terminology. Topics include a brief history of NUCCA, the unique complexities of the upper cervical region, terminology related to NUCCA x-ray analysis and biomechanics, and assessment protocols utilized by NUCCA.

Intro to Biomechanics I and II – SHERWOOD

This class serves as an introduction to the biomechanics of the NUCCA protocol. Its focus is on the concept of the condylar-axial relationship and how this important factor influences frontal plane movement at the craniocervical junction.

4 Elements – FLORY

This class will be an overview of the NUCCA biomechanics, explaining the 4 elements that comprise the height vector and the purpose of each.

Structural Analysis Part I – SESKER

Overview x-ray analysis, height vector, rotation vector, and torque. Criteria for good films and examples of unacceptable films. Specific analysis on the lateral x-ray and the points on the vertex x-ray.

Structural Analysis Part II – SESKER

Overview x-ray analysis, height vector, rotation vector, and torque. Criteria for good films and examples of unacceptable films. Specific analysis on the lateral x-ray and the points on the vertex x-ray.

Film Quality – LAPENSKI

Participants will learn when to use which filters to get the best image for each film. They will find out what to look for to determine if they have good quality images. Participants will discover how to change mAs and filter combinations to get the crispest films. They will learn what doctors are looking for to pass films for certification. Discussion of atlas position, head rotation and proper S factors.

Image Positioning – ZABELIN

A level one class beginning with a power point presentation on the requirements and procedures in correct patient placement for the NUCCA views. The remainder of the class will be practical, with live demonstration and attending DCs and students setting classmates for the views.

Adjusting Phases – FLORY

The 8 phases and 27 individual steps of the NUCCA adjustment. Explain each phase and step so doctors understand what is accomplishing with each step. Practice drills with individual feedback on performance

Headpiece Placement – PACKER

Lecture demonstration and participation providing an understanding and practical application in the use of the mastoid headpiece.



NUCCA vs. Other Techniques – SCHOLTEN

Overview: NUCCA procedures: Basic system structure, the manner in which our education, standards & research work to develop the procedures taught and developed by NUCCA

Learning Objectives: Develop understanding regarding NUCCA procedures and how it fits within chiropractic systems that are available to address the craniocervical junction

Leg Check – FORAN

Review the protocol and hands on experience for the supine leg check portion of the examination.

INTERMEDIATE / LEVEL 2

Intermediate Biomechanics – PACKER

Basic Types with the resistances encountered and what to do to with LOD and Mastoid Support to overcome those resistances as a review for the first part of the Class followed by Pre-and Post-Case studies. If I get enough Type 1's I will show the variations and how the Biomechanics changes.

Torque – FITZPATRICK

This class addresses how Torque is generated and when to apply in accordance with the position of Axis Spinous. The class begins with the definition of torque then leading into how NUCCA classifies torque as either superior or Inferior relative to Transverse plane displacement of Axis Spinous. Some discussion will be dedicated to the effects of Torque in the Sagittal Plane and how that affects the Transverse Plane. After this verbal explanation the class will be divided into groups for Practical application with a Certified NUCCA Doctor working one on one with each person in that group.

Digital X-ray Analysis – LAPENSKI

Honing your digital x-ray analysis skills with practical cases. A step by step guide through the process as well as avoiding common errors.

Adjusting Phases (Approach, Settleback, Turn-in) – READ

This class will focus on each step of the first three phases of the N.U.C.C.A. adjustment. These critical phases will be discussed and demonstrated. One on one training will also be offered to each participant from a Board Certified N.U.C.C.A. doctor during small group breakout sessions.

ADVANCED / LEVEL 3

Advanced Imaging – Zabelin

This class offers insight into aspects of image quality, from alignment to patient placement, to filtration, and covers digital components as well as analog. Attending DCs are encouraged to bring images from practice for evaluation and constructive ways to improve quality and consistency. Concepts in digital x-ray will be discussed as well.

Basic Type IV Biomechanics – STOCKWELL

Type 4 biomechanics are nothing to fear or be concerned about when you understand proper headpiece balance and support. Class time is divided between a review of type 4 biomechanics and techniques to determine the best placement of the head on the support. A knowledge of the biomechanics is elementary but understanding the balance point will make type 4 misalignments collapse much easier than you think.

Advanced Biomechanics - FLORY

X-rays and schematic presentation of the out of pattern four basic types will be reviewed. Unusual cases with difficult concepts in biomechanics, lever systems and headpiece will be presented. The student will understand the most common difficulties in correcting each of the four basic types. In some cases, two- part correction mechanics will be presented with expectation outcomes will be discussed.

Structural Asymmetry – FLORY

This class will review the frequently observed structural asymmetries seen on the NUCCA radiographs, how they can influence the NUCCA analysis protocols, and how to accommodate the analysis to accurately identify the biomechanical misalignment factors contributing to the Atlas Subluxation Complex.

Headpiece Biomechanics – PACKER

The Biomechanics of the Mastoid Head Piece as it relates to the Four Basic Types.

COMBINED CLASSES

NUCCA Standards Update – LAPENSKI & FLORY

This class will review any updates to the standards and protocol of the National Upper Cervical Chiropractic Association (NUCCA).

NUCCA Documentation – PACKER

This class will teach the NUCCA doctors how to document what we do based on the three phases of healing and how to explain to third parties (private insurance, Medicare, personal injury) what we do and how to document it properly, so our care will be clinically supported in the language that 3rd parties can understand and accept as meeting the standards of care.

Keys to Mastery – LAPENSKI

How to create mastery within patient care, overcoming the most common roadblocks in Certification.



Upper Cervical Anatomy – SCHOLTEN

Overview: Clinical Anatomy of the craniocervical junction

Learning Objectives: Sharpen understanding of basic and more complex areas of CCJ anatomy (osseous, ligamentous, muscular, vascular & neural considerations)

Grand Rounds – JOHNSON

It is the nature of the NUCCA practice to attract difficult cases, those hurting & sick people who've "tried everything". Proficiency in the procedure itself typically offers amazing results for 80-90% of patients in most of our practices. This class will provide participants with information on how to manage the most difficult of the difficult.

The upper cervical subluxation offers plenty of challenges and several places to look when there's a breakdown in outcome. The course will help doctors develop a systematic approach to:

- Assessing film positioning/analysis quality
- Ordering & reasoning pre/post imaging
- Patient positioning for complex patterns
- Solving the biomechanics puzzle
- Assessing and correcting adjustment mechanics

Adjusting Phases – READ

This class is designed to help doctors learn how to develop and practice the adjusting portion of the NUCCA procedure. We will cover detailed aspects of the 8 adjusting phases of the NUCCA protocol, paying extra attention to the arch, roll-in and triceps pull. It will involve classroom overview and description as well as practical breakouts with Board Certified N.U.C.C.A. doctors to work in small groups.

Adjusting Drills – SESKER, PACKER, FITZPATRICK

Demonstration of over 20 advanced practical drills pertaining to the NUCCA adjustment that will help practitioners become more proficient in adjusting skills.