



## INTRO – Level I

### Thursday, November 7<sup>th</sup>

#### **Intro to NUCCA & Case Management**

*Instructors: Drs. Glenn Cripe, Board Certified, Kerry Johnson, Board Certified, Jeff Scholten, Jonathon Chung*  
Enhance your NUCCA practice with advanced protocols and techniques tailored for complex patient care. Refine your examination skills, adjustment strategies, and case management from various NUCCA doctors to optimize outcomes for challenging conditions and populations.

#### **NUCCA Protocol**

*Instructor: Dr. Tym Flory, Board Certified*

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**

*Instructors: Dr. Hannah Orem, Board Certified & Dr. Kurt Sherwood, Board Certified*

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.

#### **Intro to Adjusting I**

*Instructors: Dr. Jason Granger, Board Certified & Dr. Dave Packer, Board Certified*

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.

### Friday, November 8<sup>th</sup>

#### **Vector Calculation**

*Instructors: Dr. Hannah Orem, Board Certified & Dr. Kurt Sherwood, Board Certified*

This class will cover the biomechanical rationale for how to obtain the height and rotation adjustment vector from the x-ray analysis but only as starting point, the class will also explain how to use the vertical axis and other basic understandings of biomechanics to raise or lower the vector depending on the resistances involved in the case.

#### **Structural Analysis Part I**

*Instructors: Dr. Daiki Ishiyama, Board Certified & Dr. Barb Read, Board Certified*

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.



### ***XR*ay Positioning**

*Instructors: Dr. Jason Langslet, Board Certified & Dr. Michael Zabelin, Board Certified*

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.

### ***Structural Analysis Part II***

*Instructors: Dr. Daiki Ishiyama, Board Certified & Dr. Barb Read, Board Certified*

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.

## **Saturday, November 9<sup>th</sup>**

### **Research Overview (all levels)**

*Instructor: Dr. Craig Lapenski, Board Certified*

This class will be an overview of the current research NUCCA colleagues, and the Upper Cervical Research Foundation (UCRF) are working on.

### **Headpiece Placement**

*Instructor: Dr. Jason Granger, Board Certified & Dr. Jack Stockwell, Board Certified*

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

### **Leg Check**

*Instructor: Dr. Michael Foran, Board Certified & Dr. Levi Colt Wainwright, Board Certified*

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

### **NUCCA Rationale**

*Instructor: Dr. Glenn Cripe, Board Certified*

The NUCCA Rationale class explores the structural, muscular, and neurological relationships that make up the Atlas Subluxation Complex Syndrome. In this class, the doctors/students will gain a clearer and deeper understanding of NUCCA. The participants will be asked to explain the rationale to each other making sure they understand the work on different levels.

### **Intro to Adjusting II**

*Instructor: Dr. Jason Granger, Board Certified & Dr. Kurt Sherwood, Board Certified*

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.



## INTRO – Level II

### Thursday, November 7<sup>th</sup>

#### **Intro to NUCCA & Case Management**

Enhance your NUCCA practice with advanced protocols and techniques tailored for complex patient care. Refine your examination skills, adjustment strategies, and case management from various NUCCA doctors to optimize outcomes for challenging conditions and populations.

#### **Certification Review**

*Instructor: Dr. Daiki Ishiyama, Board Certified*

This class is designed to demonstrate what constitutes a well taken radiograph of the head and cervical vertebra required to perform a NUCCA analysis. Actual x-rays submitted by certification candidates will be used to illustrate both proper positioning as well as common errors.

#### **Intermediate Biomechanics**

*Instructor: Dr. Kerry Johnson, Board Certified*

Basic Types with the resistances encountered and what to do 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.

#### **Advanced Adjusting, I**

*Instructor: Dr. Tym Flory, Board Certified*

This class will focus on the eight phases of performing a NUCCA adjustment. Common errors as well as practical exercises to enhance the performance of a NUCCA adjustment to restore the atlas subluxation to normal will be discussed. Physical demonstration will be highlighted and attending doctors will have an opportunity to work with other instructors on their own skill sets.

### Friday, November 8<sup>th</sup>

#### **Advanced Adjusting, II**

*Instructor: Dr. Michael Zabelin, Board Certified*

This class will focus on the eight phases of performing a NUCCA adjustment. Common errors as well as practical exercises to enhance the performance of a NUCCA adjustment to restore the atlas subluxation to normal will be discussed. Physical demonstration will be highlighted and attending doctors will have an opportunity to work with other instructors on their own skill sets.

#### **Structural Asymmetries**

*Instructor: Dr. Craig Lapenski, Board Certified*

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.



## Fall 2024 NUCCA Conference Class Descriptions

November 7-9, 2024 | Minneapolis, MN

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### **Advanced Imaging (CBCT)**

*Instructors: Dr. Kerry Johnson, Board Certified*

This class is an overview of the use of CBCT in the NUCCA practice. Topics include the technology, physics and patient exposure as well as slicing the 3D image into views necessary for NUCCA analysis. Additionally, the course covers the pros and cons of CBCT vs. conventional radiography including complex biomechanical presentations only seen with advanced imaging.

### **Headpiece Placement (hands on)**

*Instructor: Dr. Vince Fitzpatrick, Board Certified*

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

## **Saturday, November 9<sup>th</sup>**

### **Research Overview (all levels)**

*Instructor: Dr. Craig Lapenski, Board Certified*

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### **Adjusting Drills**

*Instructor: Dr. David Packer, Board Certified*

This course will be a breakout using the tools we've learned in adjusting classroom courses and provide hands on technique feedback from credentialed instructors.

### **NUCCA Rationale**

*Instructor: Dr. Glenn Cripe, Board Certified & Dr. Levi Colt Wainwright, Board Certified*

The NUCCA Rationale class explores the structural, muscular, and neurological relationships that make up the Atlas Subluxation Complex Syndrome. In this class, the doctors/students will gain a clearer and deeper understanding of NUCCA. The participants will be asked to explain the rationale to each other making sure they understand the work on different levels.

### **Torque**

*Instructor: Dr. Barbara Read, Board Certified*

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.

### **NUCCA Review Q & A**

*Instructors: Dr. Kerry Johnson, Board Certified*

This class will allow introductory / students to review the NUCCA technique while having an open forum to seek immediate feedback on protocol, adjusting techniques, and case studies.

## **INTERMEDIATE / ADVANCED – LEVEL III**

### **Thursday, November 7<sup>th</sup>**

#### **Intro to NUCCA & Case Management**

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This class is designed to demonstrate what constitutes a well taken radiograph of the head and cervical vertebra required to perform a NUCCA analysis. Actual x-rays submitted by certification candidates will be used to illustrate both proper positioning as well as common errors.

#### **Working Through Challenging Cases I**

*Instructor: Dr. Craig Lapenski, Board Certified*

This course covers reviewing many x-rays and having the participants discover common obstacles to excellent image quality. It will also incorporate biomechanical discussions and theory as well as headpiece placement relative to the subluxation and its reduction.

#### **Advanced Adjusting, I**

*Instructor: Dr. Tym Flory, Board Certified*

This class will focus on the eight phases of performing a NUCCA adjustment. Common errors as well as practical exercises to enhance the performance of a NUCCA adjustment to restore the atlas subluxation to normal will be discussed. Physical demonstration will be highlighted and attending doctors will have an opportunity to work with other instructors on their own skill sets.

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### **Rediscovering Key Biomechanical Principles**

*Instructor: Dr. Julia Radwanski, Board Certified*

Explore biomechanical and adjusting principles in NUCCA chiropractic to enhance your ability to troubleshoot headpiece placement and vector application, and their effect on the four basic types and C2 rotations. This course empowers doctors to help predict outcomes before performing the adjustment.

### **Resistance of the Contact Point**

*Instructor: Dr. Tym Flory, Board Certified*

This class will review the considerations and challenges of the C1 contact point for doctors utilizing NUCCA protocol. It will focus on application and will be highly practical.

### **Headpiece Placement (hands on)**

*Instructor: Dr. Vince Fitzpatrick, Board Certified*

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

## **Saturday, November 4<sup>th</sup>**

### **Research Overview (all levels)**

*Instructor: Dr. Craig Lapenski, Board Certified*

This class will be an overview of the current research NUCCA colleagues, and the Upper Cervical Research Foundation (UCRF) are working on.

### **Adjusting Drills**

*Instructor: Dr. David Packer, Board Certified*

This course will be a breakout using the tools we've learned in adjusting classroom courses and provide hands on technique feedback from credentialed instructors.

### **Working Through Challenging Cases II**

*Instructor: Dr. Craig Lapenski, Board Certified*

This course covers reviewing many x-rays and having the participants discover common obstacles to excellent image quality. It will also incorporate biomechanical discussions and theory as well as headpiece placement relative to the subluxation and its reduction.

### **Out of Pattern Biomechanics**

*Instructor: Dr. Vince Fitzpatrick, Board Certified*

In the Out of Pattern Biomechanics class, we will be exploring the different ways of getting out of pattern cases to reduce. We will look at the influence of head piece placement and a rationale for changing the vector.

### **NUCCA Review Q & A**

*Instructors: Dr. Kerry Johnson, Board Certified*

This class will allow introductory / students to review the NUCCA technique while having an open forum to seek immediate feedback on protocol, adjusting techniques, and case studies.