



## THURSDAY, NOVEMBER 11<sup>th</sup>

### INTRO / LEVEL 1

Time	Program	Instructor	Location	Assisting
10:00 – 10:50	NUCCA Protocol	Dr. Tym Flory – Board Certified	BALLROOM 2	
11:00 – 11:50	Intro to Biomechanics – Part 1	Dr. Tym Flory – Board Certified	BALLROOM 2	
12:00 – 2:00	Lunch on your own			
2:00 – 2:50	Intro to Biomechanics – Part 2	Dr. Tym Flory – Board Certified	BALLROOM 2	
3:00 – 3:50	4 Elements	Dr. Tym Flory – Board Certified	BALLROOM 2	
4:00 – 5:50	Structural Analysis – Part 1	Dr. Barbara Read – Board Certified	BALLROOM 2	
6:00 – 9:00	Thursday Evening Event		BALLROOM 1	

### ADVANCED / LEVEL 2 & 3

Time	Program	Instructor	Location	Assisting
10:00 – 10:50	NUCCA Standards Update**	Dr. Craig Lapenski – Board Certified	BALLROOM 3/4	
11:00 – 11:50	Certification Imaging Review**	Dr. Craig Lapenski – Board Certified	BALLROOM 3/4	
12:00 – 2:00	Lunch on your own			
2:00 – 3:50	Advanced Imaging**	Dr. Michael Zabelin – Board Certified	BALLROOM 3/4	
4:00 – 5:50	Adjusting Phases I**	Dr. Kerry Johnson – Board Certified	BALLROOM 3/4	
6:00 – 9:00	Thursday Evening Event		BALLROOM 1	



## FRIDAY, NOVEMBER 12<sup>TH</sup>

### INTRO / LEVEL 1

Time	Program	Instructor	Location	Assisting
9:00 – 10:50	Image Positioning	Dr. Michael Zabelin – Board Certified	BALLROOM 2	
11:00 – 11:50	S Line	Dr. Kerry Johnson – Board Certified	BALLROOM 2	
12:00 – 1:00	Career Fair	Dr. Kyrie Kleinfelter	BALLROOM 1	
12:00 – 2:00	Lunch on your own			
2:00 – 3:50	Headpiece Placement (Level 1)	Dr. Kerry Johnson – Board Certified	BALLROOM 2	
4:00 – 5:50	Intro to Adjusting I	Dr. Kurt Sherwood – Board Certified	BALLROOM 2	
6:00 – 9:00	Friday Evening Banquet	Dr. Jeff Scholten	BALLROOM 1	

### ADVANCED / LEVEL 2 & 3

Time	Program	Instructor	Location	Assisting
9:00 – 10:50	Adjusting Phases II**	Dr. Barbara Read – Board Certified	BALLROOM 3/4	
11:00 – 11:50	Headpiece Placement** (Level 2/3)	Dr. Vince Fitzpatrick – Board Certified	BALLROOM 3/4	
12:00 – 1:00	Career Fair	Dr. Kyrie Kleinfelter	BALLROOM 1	
12:00 – 2:00	Lunch on your own			
2:00 – 3:50	Advanced Biomechanics**	Dr. Marshall Dickholtz – Board Certified	BALLROOM 3/4	
4:00 – 5:50	X-Ray Analysis (digital & film)**	Dr. Michael Zabelin – Board Certified	BALLROOM 3/4	
6:00 – 9:00	Friday Evening Banquet	Dr. Jeff Scholten	BALLROOM 1	



## SATURDAY, NOVEMBER 13<sup>TH</sup>

### INTRO / LEVEL 1

Time	Program	Instructor	Location	Assisting
9:00 – 9:50	Research Overview**	Dr. Craig Lapenski – Board Certified	BALLROOM 3/4	
10:00 – 11:50	Structural Analysis II	Dr. Barbara Read – Board Certified	BALLROOM 2	
12:00 – 2:00	Lunch on your own			
2:00 – 2:50	Leg Check	Dr. Kurt Sherwood – Board Certified	BALLROOM 2	
3:00 – 4:50	Intro to Adjusting II	Dr. Kurt Sherwood – Board Certified	BALLROOM 2	
5:00 – 5:50	NUCCA Review Q&A	Dr. Tym Flory – Board Certified	BALLROOM 2	
6:00 – 6:30	Conference Closing	Dr. Jeff Scholten	BALLROOM 3/4	

### ADVANCED / LEVEL 2 & 3

Time	Program	Instructor	Location	Assisting
9:00 – 9:50	Research Overview**	Dr. Craig Lapenski – Board Certified	BALLROOM 3/4	
10:00 – 11:50	Grand Rounds Breakout Session**	Dr. Vince Fitzpatrick – Board Certified	BALLROOM 3/4	
12:00 – 2:00	Lunch on your own			
2:00 – 3:50	Adjusting Drills**	Dr. David Packer – Board Certified	BALLROOM 3/4	
4:00 – 5:50	Case Studies Breakout**	Dr. Craig Lapenski – Board Certified	BALLROOM 3/4	
6:00 – 6:30	Conference Closing	Dr. Jeff Scholten	BALLROOM 3/4	

\*\* Denotes Combined Level Class



## **BASIC / INTRO**

### **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 I and II**

*Instructor: Dr. Tym Flory, 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.

### **4 Elements**

*Instructor: Dr. Tym Flory, Board Certified*

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**

*Instructor: Dr. Barbara 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.

### **Structural Analysis Part II**

*Instructor: Dr. Barbara 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.

### **Image Positioning**

*Instructor: 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.

### **S-Line**

*Instructor: Dr. Kerry Johnson, Board Certified*

This class will be an introduction of the purpose of the S-Line, how to draw it, and how to then properly take a Nasium radiograph. It will briefly review how to tell what S-Line a Nasium view was taken at.

### **Headpiece Placement**

*Instructor: Dr. Kerry Johnson, Board Certified*

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

### **Intro to Adjusting I & II**

*Instructor: 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.

### **Leg Check**

*Instructor: Dr. Kurt Sherwood, Board Certified*

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

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

*Instructor: Dr. Tym Flory, 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**

### **NUCCA Standards Update**

*Instructor: Drs. Craig Lapenski, Tym Flory and Glenn Cripe, Board Certified*

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

### **Keys to Mastery**

*Instructor: Dr. Craig Lapenski, Board Certified*

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

### **Advanced Imaging**

*Instructor: Dr. Michael Zabelin, Board Certified*

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.

### **Adjusting Phases I & II**

*Instructors: Part 1: Dr. Kerry Johnson, Board Certified / Part 2: Dr. Barbara Read, Board Certified*

This class will cover detailed aspects of the 8 adjusting phases of the NUCCA protocol. It will involve classroom overview and description as well as practical breakouts with certified doctors to work in small group breakouts.

### **Headpiece Placement**

*Instructor: Dr. Vince Fitzpatrick, Board Certified*

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

### **Advanced Biomechanics**

*Instructor: Dr. Tym Flory, Board Certified*

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.

***X-Ray Analysis (digital and film options)***

*Instructor: Dr. Michael Zabelin, Board Certified*

With new technology comes new technique. This course will be a deep dive into both digital and film x-ray analysis with practical cases. A step-by-step guide through the process as well as avoiding common errors.

***Research Overview/Update***

*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.

***Grand Rounds – Breakout***

*Instructor: Dr. Vince Fitzpatrick, Board Certified*

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.

***Adjusting Drills - Breakout***

*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.

***Case Studies – Breakout***

*Instructor: Dr. Craig Lapenski, Board Certified*

Doctors are encouraged to bring radiographs with them of cases from their practice for review and discussion on case management and how to obtain a better reduction of the ASC.