Spring 2020 NUCCA CONFERENCE CLASS DESCRIPTIONS
NEWPORT BEACH, CA

INTRO/LEVEL 1

NUCCA Protocol – JOHNSON
This class in 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 – SHERWOOD
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.

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

Leg Check – FORAN
Review the protocol and hands on experience for the supine leg check portion of the examination.

Imaging 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.

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Adjusting Phases – SESKER
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

S-line – SHERWOOD
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.

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.

INTERMEDIATE/LEVEL 2

Intermediate Biomechanics – YARDLEY
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.

Adjusting Phases – JOHNSON
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.

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.

Instrumentation – FORAN
Discussion and implementation of Tytron Thermography, Anatomere, Gravity Street Analyzer and Pelvic Calipers.

NUCCA Pediatric Care – YARDLEY
Description coming soon

NUCCA Exam on Disabled/Injured Tips – YARDLEY
Description coming soon

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Grand Rounds: Managing a Difficult Case – 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

COMBINED CLASSES

Philosophy of NUCCA – TAYAL & YARDLEY
This class will review philosophical principles related to the practice of NUCCA

Standards Update – LAPENSKI & DICKHOLTZ
This class will review any updates to the standards and protocol of the National Upper Cervical Chiropractic Association (NUCCA).

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)

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

Adjusting Workshop – CRIPE
This advanced adjusting class will review the details of the mechanics of the triceps pull with most of the time focusing on the practical aspects of this phase of the adjustment. As a result, the doctor will have a much broader and fuller understanding of the triceps pull. This will translate into more control and powerful adjustments.

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ADVANCED/LEVEL 3

Advanced Alignment – ZABELIN
This class will include lecture with visual enhancement to demonstrate the procedures and benefits of/from the precise alignment of Xray equipment. Topics will include equipment requirements, alignment specific equipment needs and procedures and a step by step checklist to attaining and certify alignment of Xray equipment to the NUCCA standard.

Advanced Headpiece Placement – CRIPE
This class will look deeper into how we are using the head as a biomechanical advantage in the reduction of the subluxation. For example, we will try and answer the question are we really positioning the head the way we think we are?

Sagittal Plane – FITZPATRICK
This class will cover the following:

- Reference points for taking the Lateral Film consistently
- Measuring Center of Gravity relative to the Axis in the Saggital Plane
- A measurement comparing the Saggital Plane of the Foreman Magnum to Saggital Plane of C1
- A Saggital measurement of C2 relative the Frankfurts line or a line representing the plane of the Hard Palate
- The importance of the Saggital plane relative to the Vertical Axis
- How torque affects the Saggital Plane
- Pre and Post X-rays

Headpiece Biomechanics – YARDLEY
Description coming soon

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 -CRIPE
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.

Review of Cases – LAPENSKI
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.

C1 and C2 Spinous Rotation – FITZPATRICK

- Taking accurate Vertex X-Rays for accurate measurement of C1 and C2 rotations
- How the Frontal Plane is tied into Transverse Plane reductions
- The role of Torque in Transverse Plane reductions
- Pre and Post X-rays