Online Didactic Self-Study: CNO F

Course learning objectives:
- introducing how to measure the TMJ’s, TMD, & the occlusion objectively and reproducibly using digital computerized metrics; why “Measured Matters”
- the supreme clinical importance that the orthopedic condition has upon the occlusion
- when to safely use anterior deprogramming splints, and when NOT to
- understanding how and why hypersensitive teeth are often related to occlusion, and how this can measured and often eliminated (Frictional Dental Hypersensitivity-FDH)
- how the timing of the human bite can contribute to primary headaches & parafunction
- how force, timing, & resultant muscular activity are interrelated & how to objectively measure these parameters
- how dental work iatrogenics can readily cause muscular TMD issues
- why splints may actually worsen a patient’s condition & landmarks that should always be considered prior to fabricating a splint for patients
- how and why muscular TMD issues are epidemic & underdiagnosed throughout the world
- when and why occlusal adjustments are indicated, and when they are not; OBJECTIVELY
- clinical usage of Joint Vibration Analysis (JVA)
- an introduction to the clinical usage of T-Scan digital occlusal analysis technology & surface Bio-EMG muscular output technologies
- helps to prepare the attendee for the CNO1 & CNO2 fellowship tract (FCNO)

When:
- Online self-study (3 credit hours)
  OR
- Live lecture as agreed upon (8 credit hours)
- Study clubs, via internet live lecture, etc.

Where:
- Online
  or
- TO BE DETERMINED

Why:
Measured Matters!

Cost: $695 USD

Contact:
ASHLEY: 479.876.8000
info@CNOtmj.com
About the presenter:
Dr. Nick Yiannios is a private practitioner, author, researcher, and founder of the Center for Neural Occlusion. He is a contributing author in the Handbook of Research on Computerized Occlusal Analysis Applications in Dental Medicine and is credited with identifying the phenomenon known as Frictional Dental Hypersensitivity for dental medicine. Dr. Yiannios uses MRI and CBCT imaging on a daily basis in his general practice which focuses on patients with occlusal and temporomandibular disorders, many of which travel to see him from all over the world. He is a published expert in the usage of T-Scan digital occlusal analysis, TMJ imaging using MRI and CBCT, Joint Vibration Analysis usage & interpretation, EMG interpretation, and Discclusion Time Reduction (DTR) Therapy.

Airport (if presented live at CNO Headquarters):
Northwest Arkansas Regional Airport (XNA)

Nearby Hotel Details (if presented live at CNO headquarters):
- Embassy Suites in Rogers, Arkansas (0.5 walkable miles from the course)
- Aloft Hotel in Rogers, Arkansas (1.5 mile drive from the course)

Sponsorship:
The CNO receives occasional sponsorship from BioResearch Associates and Tekscan Corporation.

Continuing Education:
Big Sky Seminars is an ADA CERP Recognized Provider. This continuing education activity has been planned in accordance with the Standards of the ADA Continuing Education Recognition Program (ADA CERP). ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not sponsor or endorse individual courses or instructors, nor does it imply acceptance of credits hours by Boards of Dentistry. Big Sky seminars designates this activity for 3 credit hours (self-study) or 8 credit hours (if presented live) of continuing education credits. Concerns or complaints about a CE provider may be directed to ADA CERP at www.ada.org/goto/cerp.

Refund & cancellation policies:
Paid registrants for live lecture who cancel in writing will be fully refunded up to 2 weeks before the given course. Within two weeks of the given course, half of the registration fee will be refunded. If the online study option is selected, there will be no refund. If the lecture is cancelled by the CNO, all fees will be returned to the registrant.

For more information: CNOtmj.com/course-schedule/
Didactic and Hands-On at CNO Headquarters: CNO 1

MEASURING THE OCCLUSION & TMJs
OCCLUSAL SCIENCE 501: GET THE BITE RIGHT!

CNO1 Course Learning Objectives:

- MEASURING how the TMJs profoundly affect the occlusion, and vice versa
- ELIMINATING dental hypersensitivity of occlusal origins in everyday dentistry (FDH)
- DIGITALLY measuring the occlusion, muscles of mastication, & TMJ’s in clinical dentistry
- WHY, how & when to integrate a timed anterior guidance for predictable dentistry
- QUANTIFYING a measured anterior guidance from both the orthopedics and the teeth
- ADVANCED usage of the T-Scan & Bio-EMG technologies to accomplish DTR/MAGD
- UNDERSTANDING when MIP is usually the best place to build a bite, & when it is not
- WHEN and why occlusal adjustments are indicated, and when they are not; OBJECTIVELY
- PRACTICAL usage and theory behind a measured and timed posterior disclusion
- JVA (Joint Vibration Analysis) and JT (Jaw Tracker) practical clinical usage
- EFFECTIVENESS of a Measured Anterior Guidance for clinical, occlusal & TMD issues
- CR (Centric Relation); how does one objectively measure it & what does it really mean?!
- READING BITES & Joint Vibration Analysis to screen the orthopedic TMJ’s in practice
- PAIN from an unmeasured occlusion, & how this can commonly cause problems for the patient
- SPLINTS are often the worst thing a practitioner can do for the patient; the WHYs & WHENS
- COMPUTERIZED occlusal adjustment efficacy for many chronic temporal headaches
- KNOWING why & when MRI and CBCT imaging of the TMJ’s is indicated
- INTERPRETING & understanding the Piper classification of TMJ internal derangements
- CEREC CAD/CAM usage to precisely perpetuate additive occlusal changes
- FCNO; prepares the attendee for the CNO fellowship tract

Cost: $2,995

Why: MEASURED MATTERS!

When:
FRI & SAT, April 10-11, 2020
FRI & SAT, September 25-26, 2020

Where:
CNO Headquarters
3718 South Pinnacle Hills Pkwy
Rogers, AR 72758 USA

Contact:
ASHLEY: 479.876.8000
info@CNOtmj.com

Cost: 16 credit hours
About the presenters:  
Dr. Nick Yiannios is a private practitioner, author, researcher, and founder of the Center for Neural Occlusion. He is a contributing author in the Handbook of Research on Computerized Occlusal Analysis Applications in Dental Medicine and is credited with identifying the phenomenon known as Frictional Dental Hypersensitivity for dental medicine. He is a published expert in the usage of T-Scan® digital occlusal analysis, EMG interpretation, MRI & CBCT TMJ imaging, dental hypersensitivity, and computer-guided occlusal adjustment procedures.

Mr. John Radke has over 50 years of experience in the TMJ/D & occlusion realm. The creator of the BioPak® software, Bio-EMG, JVA & Jaw Tracker, his engineering background provides invaluable information for attendees. John is also the managing editor of “Advanced Dental Technologies & Techniques”, an online scholarly open journal.

RECOMMENDED PREREQUISITES FOR LEVEL 1:  
Studying CNO Foundations included with CNO membership

Airport:  
Northwest Arkansas Regional Airport (XNA)

Event details:  
Friday 8:00 - 12:00 live MAGD/DTR demonstration, lunch provided, lecture 1:00 - 6:00  
Saturday 8:00 - 12:00 lecture, lunch provided, lecture and hands on 1:00 - 6:00

Nearby Hotel Details:  
-Embassy Suites in Rogers, Arkansas (0.5 walkable miles from the course)  
-Aloft Hotel in Rogers, Arkansas (1.5 mile drive from the course)

Sponsorship:  
The CNO receives sponsorship from BioResearch Associates and Tekscan Corporation.

Refund & cancellation policies:  
Paid registrants who cancel in writing will be fully refunded up to 2 weeks before the given course. Within two weeks of the given course, half of the registration fee will be refunded. If the lecture is cancelled by the CNO, all fees will be returned to the registrant.

Continuing Education:  
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For more information:  CNOtmj.com/course-schedule/
In Your Office Personalized Training (Optional): CNO 2

CNO Center for Neural Occlusion

CNO LEVEL 2

TMJ’s & Occlusion
ONE-on-ONE
Digital Occlusal Analysis Mastery
Personalized Training

Contact:
ASHLEY: 479.876.8000
info@CNOtmj.com

Cost:
$6,750
+ airfare & hotel

One on one training by a CNO instructor, in your office, on your own patients
Clinically applying JVA & Reading Bites to predict efficacy for occlusal therapy
Combining digital occlusal metrics with simultaneous muscular readouts (EMG)
Learning to apply 3D Imaging to understanding the TMJ’s influence upon the occlusion
Understanding the practicalities of JVA, T-Scan, & EMG Usage for everyday dentistry
Software mastery for both the T-Scan and BioPak systems
Integrating T-Scan/EMG Link for Advanced MAGD/DTR Usage
Operating the T-Scan to eliminate many cases of hypersensitive teeth (FDH)
Need to know the status of the patients bilateral TMJ’s prior to occlusal change!

CNOtmj.com
About the traveling CNO instructors:

**Dr. Scott Green** is a practicing general dentist and dental educator from Kalispell, MT who practices in a technology-based practice with a focus on laser dentistry and other hi-technology tools to generate a proper diagnosis before implementing treatment. Dr. Green routinely uses T-Scan, JVA, EMG, MRI and CBCT to arrive at objective diagnoses prior to the implementation of treatment for bite problems, headaches and TMD. He lectures nationally and internationally on digital occlusal analysis and comprehensive TMD biometric analysis. Dr. Green also trains dentisstts and dental team members on T-Scan, JVA and EMG usage, implementation and interpretation. Dr. Green has been engaged incDTR therapy in his private practice for over 20 years. Dr. Green has been a member of the CNO Board of Advisors since 2015.

**Dr. Robert Kerstein** is a world-renowned prosthodontist, educator, researcher, and clinical practitioner who is credited with creating Disclusion Time Reduction (DTR) therapy. He lectures nationally and internationally on digital occlusion and comprehensive TMD biometric analysis. He is a former associate clinical professor at Tufts University and has published in excess of 100 papers on topics relating to digital occlusal analysis and TMD diagnosis and treatment. Dr. Kerstein has been a member of the CNO Board of Advisors since the organization’s inception in 2015.

**Event details:**
**Day of your choosing:** 8:00 - 5:00 p.m. at your office - ANYWHERE!

**Sign Up Early:**
Our instructors book out quickly!

**PREREQUISITES FOR LEVEL 2:**
Required: completion of CNO Level 1
Recommended: completion of CNO Level F

**Sponsorship:**
The CNO receives occasional tsponsorship from BioResearch Associates and Tekscan Corporation.

**Continuing Education:**
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**Refund & cancellation policies:**
Paid registrants who cancel in writing will be fully refunded up to 2 weeks before the given course. Airfare and hotel charges may still be the responsibility of the registrant ordering the Level 2 service if these commitments cannot be cancelled. If cancelled less than 2 weeks from the given travel date, half of the registration fee will be refunded but the airfare and hotel charges will still be the responsibility of the registrant. If travel is cancelled by the CNO instructor, all fees will be returned to the registrant.

For more information: [http://cnotmj.com/course-schedule/](http://cnotmj.com/course-schedule/)
**Didactic and Hands-On at CNO Headquarters: CNO 3**

**MEASURED TMJs & Occlusion**

*Stable TMJ’s = Stable Occlusion*

*TMJ MRI & CBCT Imaging*

**CNO3 Course Learning Objectives:**
- Objective: determining if your patient possesses stable & adapted TMJs (hence occlusion)
- Integrating MRI & CBCT TMJ imaging into everyday clinical dental practice
- Understanding that many of our asymptomatic patients possess deranged TMJ’s
- Staging TMJ disk derangements & applying that data to occlusal & TMD therapy
- How to incorporate Neural Occlusion objective screening protocols for occlusal efficacy
- Predicting efficacy for MAGD/DTR therapy, splint therapy, orthodontics, & major restorative
- Understanding cervical, sympathetic, and trigeminal inputs & the TMD patient
- Complex Regional Pain Syndrome (CRPS-1) in everyday dental practice
- Clinically “reading bites” to predict the need for TMJ imaging for proper DIAGNOSES
- How displaced disks may readily cause pain in the muscles of mastication
- The radiologist’s role in 3D imaging interpretation
- Objective: identifying necrotic bone, effusions and edema within the TMJ’s
- The correlation between necks, ears, and the TMJ’s
- Why centric relation is typically the least stable treatment position for TMD patients
- Measuring growth & development issues objectively & the implications for treatment
- Learn how to make TMD patients OWN their problem(s)
- Prepares the attendee for the CNO mastership tract (MCNO)

**When:**
**October 22-24, 2020**

**Where:**
CNO Headquarters
3718 South Pinnacle Hills Pkwy
Rogers, Arkansas, 72758 U.S.A.

**How:**
Via lecture, Skype, demonstration, & participation

**Presenters:**
Nick Yiannios, DDS, MCNO
Ed Zebovitz, DDS
John Radke BS, MBA
Samuel Pagliarina, MD

**Why:**
Because **MEASURED MATTERS!**

**Contact:**
ASHLEY: 479.876.8000
info@CNOtmj.com

**Cost:**
$7,995

24 credit hours
About the presenters:
Dr. Nick Yiannios is a private practitioner, author, researcher and founder of the CNO. Dr. Yiannios uses MRI & CBCT imaging on a regular basis in his general practice which focuses heavily on patients with occlusal and TMD issues. Dr. Nick draws patients globally from his hugely popular YouTube channel.
Dr. Ed Zebovitz is a world renowned TMJ surgeon who has spent decades helping patients with occlusal, airway, and TMD problems. He actively engages in objectively diagnosing TMJ pathology using both MRI & CBCT imaging prior to surgical intervention. He is visiting faculty at both the Pankey Institute and Spear Education, as well as the CNO.
Mr. John Radke has over 50 years of experience in the TMJ/D & occlusion realm. The creator of the BioPak®, his engineering background provides invaluable information for attendees. John is the managing editor of the online open journal, “Advanced Dental Technologies & Techniques”.
Dr. Sam Pagliani is a Board certified medical radiologist with over 3 decades of experience interpreting 3-D MRI & CBCT scans.

PREREQUISITES FOR LEVEL 3:
Required: completion of CNO Level 1

Airport:
Northwest Arkansas Regional Airport (XNA)

Event details:
Thursday 8:00 - 5:00 (lunch provided) live Neural Occlusion screening demo & lecture
Friday 8:00 - 5:00 (lunch provided from 12:30 - 1:00): hands-on equipment & lecture
Saturday 8:00 - 5:00 (lunch provided from 12:30 - 1:00): lecture & hands-on interactive MRI & CBCT interpretation

Sign Up Early:
Class size limited to a MAXIMUM OF 10 ATTENDEES!

Nearby Hotels:
- Embassy Suites in Rogers, Arkansas (0.5 walkable miles from the course)
- Aloft Hotel in Rogers, Arkansas (1.5 mile drive from the course)

Sponsorship:
The CNO receives sponsorship from BioResearch Associates and Tekscan Corporation.

Continuing Education:
Big Sky Seminars is an ADA CERP Recognized Provider. This continuing education activity has been planned in accordance with the Standards of the ADA Continuing Education Recognition Program (ADA CERP). ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not sponsor or endorse individual courses or instructors, nor does it imply acceptance of credits hours by Boards of Dentistry. Big Sky seminars designates this activity for 26 credit hours of continuing education credits. Concerns or complaints about a CE provider may be directed to ADA CERP at www.adac.org/goto/cerp.

Refund & cancellation policies:
Paid registrants who cancel in writing will be fully refunded up to 2 weeks before the given course. Within two weeks of the given course, half of the registration fee will be refunded. If the lecture is cancelled by the CNO, all fees will be returned to the registrant.

For more information: http://cnotmj.com/course-schedule/