The Principles of Clinical Scan Interpretation

Clinical Applications and Protocols for the Integration of Bioelectrical Diagnostics Using the Myotronics K7

Instructor – Jay W. Gerber, DDS, FIAO, FICCMO, DAAPM

This course is designed for the clinician wishing to acquire the necessary skills to implement diagnostic scanning into everyday practice.

COURSE OBJECTIVES for participants:

- Learn the importance of all scans commonly used in today’s practice
- Make sure that you are recording the data correctly
- Determine how to Integrate these scans into patient/appointment specific screenings
- Learn how to develop protocols to this end
- Learn to interpret the descriptive nature of each scan and learn its importance as to each appointment
- Discover how the scans are utilized to determine the Differential Diagnosis
- Learn the basics for the EMG bite registration
- See what scans to use (physiologic window) for the bite registration and appliance insertion

Dr. Gerber is one of the original developers of the real-time “EMG Guided” bite registration technique. He has been recognized as an expert in the use and applications of the Myotronics bioelectrical instruments. Since 1984 he has treated thousands of occlusal, TMD and facial pain patients using the principles of neuromuscular occlusion / dentistry. Dr. Jay has presented at numerous conventions, association meetings, Universities and institutes for 30 years. He has written and published many scientific articles on occlusal related subjects including scan interpretation, physical modalities, functional jaw orthopedics, orthodontics and TMJ pain patient treatment.
WHAT WILL BE COVERED IN THIS LEARNING PROGRAM

“The Basis for NM dentistry” – screening protocols… in this session you will learn practical clinical protocols for the application of bioelectrical instrumentation. Neuromuscular screening as it relates to Jaw Tracking, recording craniocervical EMG data and TM Joint Sonography.

“The Essentials of Scan Interpretation” Each scan will be discussed for interpretative data as used in Dr. Jay’s clinical practice. You will learn his successful protocols and how each scan is weaved together to derive the comprehensive NM diagnosis.

“The EMG Guided Bite Registration” You will learn from Dr. Gerber’s presentations the “Physiologic Window” for bite registration and occlusal adjustments will be covered in detail.

Differential Diagnosis” you will learn from patient studies how scans are evaluated to demonstrate pathologic conditions encountered every day in the modern dental practice.

Day One: 8:00 AM – Registration, Course begins at 8:30AM
Why we record and how we record individual scans
Developing a protocol for the initial screening appointment
What scans we employ during the appointment
Why it is important to derive the correct diagnosis
Scan Interpretations & differential diagnosis of the initial scans (#2, #13 & #15)
Discussion of the interpretations for #2 and #13
5:00 PM - Adjourn

Day Two: Course Resumes at 8:30AM
Discussion of Scan #15
Differential Diagnosis
Case studies (applications)
The Principles of the Physiologic Window

Why we use EMGs (electromyography)

Discussion of EMGs

Scans #9, #10, #4, #5 used for bite registration

Rest Variances for determining a stable bite position

The Gerber EMG Bite Registration technique for phase one treatment

1:00 PM Course Ends

In addition:

A detailed full color copy of PPT notes/course manual.

14 CE credits

AGD and California Dental Board