



*Amazing Things
Happen Under This Roof*

LVI Orthodontics Courses



CHANGING DENTISTRY. CHANGING LIVES.



LVI Global
is an international institution
dedicated to the progress of the dental profession
through the integration of comprehensive diagnosis,
contemporary techniques and technology.
The education offered at LVI
is designed to improve the lives of patients and
enhance professional satisfaction.



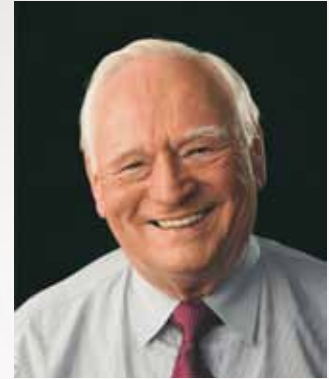
Meet the Full-Time & Visiting Faculty



William Dickerson, DDS, LVIM



Heidi Dickerson, DDS, LVIM



**Norman Thomas, DDS, PhD,
BSc, OMD, Cert. O. Path,
FRCD, FADI, MICCMO**



**Shamshudin "Sam" Kherani,
DDS, FAGD, LVIM, FICCMO**



Mark Duncan, DDS, FAGD, LVIF



Sherry Blair

Visiting Faculty



JAY W. GERBER, DDS, FIAO, FICCMO, DAAPM

Dr. Gerber is the Director of Neuromuscular Orthodontics at LVI Global and serves as the Clinical and Educational Director of the Center for Occlusal Studies. Dr. Jay has clinically treated 1,000's of patients since the early 1980's using the principles of Neuromuscular Dentistry. Dr. Gerber is recognized as one of early innovators of neuromuscular functional orthodontics and for the applications of the 'EMG Guided' bite registrations.

Dr. Gerber has made a commitment to stable, pain free neuromuscular correction and long-term occlusal stability. He currently maintains a private practice in Parkersburg, West Virginia.

The LVI Journey

RECOMMENDED CLINICAL COURSE OF STUDY

LVI has developed a Core Curriculum consisting of seven courses that serve as the roadmap for success on the path to becoming a Full Mouth Doctor. This Core Curriculum consists of:

- CORE I:** Advanced Functional Dentistry – The Power of Physiologic Based Occlusion
- CORE II:** Orthotic Maintenance, Adjustment and Essential Aesthetic Reconstructive Techniques
- CORE III:** Mastering Dynamic Adhesion in Complex Reconstructive Cases
- CORE IV:** Advanced Principles, Case Stabilization and Bite Transfer in the Neuromuscular Practice
- CORE V:** Comprehensive Aesthetic Occlusal Reconstruction – Rehabilitation Begins!
- CORE VI:** Coronoplasty and Case Finishing – Critical Steps for Neuromuscular Success
- CORE VII:** Full Mouth Reconstruction – Essential Tools for Finalization of Neuromuscular Rehabilitation

THE ALUMNI ADVANTAGE

An LVI alumnus is one who has successfully completed at least one LVI course. As an alumnus, the LVI journey is an ongoing educational experience in the quest to discover and rediscover what you do not know. With this in mind, LVI provides every alumnus the opportunity to travel the journey with ease.

- Alumni are encouraged to participate in the LVI Alumni Forum – a free line of communication and sharing in the adventure and study of progressive dentistry.
- Alumni can bundle multiple courses across different categories for a customized continuum and receive multi-course discounts.
- LVI offers tuition financing to aid in the budgeting and planning of continuing dental education.
- LVI Visions is a publication of LVI that covers a wide variety of current professional topics in the dental field.
- Alumni are encouraged to remain current with the latest technique, technology and material by auditing courses. Most courses can be audited at discounted tuition rates.
- Alumni can contribute to the advancement of Dentistry through the knowledge gained at LVI and by encouraging colleagues to begin their LVI journey. The significant number of referrals from LVI Alumni is a testament to the quality of education and training offered by LVI.

LVI FELLOW

The Core Curriculum, referenced above, includes a minimum of 278 continuing dental education hours of training in advanced aesthetics and neuromuscular science. Recognition as an LVI Fellow is the distinction awarded to those who have completed the LVI Core Curriculum and successfully completed a comprehensive examination. LVI Fellows are eligible to utilize the LVI Fellow logo and receive discounts on course tuition.

LVI MASTERSHIP

The LVIM distinction is awarded to those who have completed LVI Fellow qualifications and demonstrated proficiency following the acceptance of three clinical cases that are evaluated by a committee appointed by LVI. Successful LVIM demonstrate a true understanding of comprehensive aesthetics and functional dentistry.

The intent of the LVIM is to reward and encourage the development of clinical enterprise and continued learning in the realm of Aesthetic Functional Reconstruction. LVI Mastership is designed to create and provide a learning and validation process where the applicant can determine if he or she has an adequate understanding of the restorative and occlusal concepts taught at LVI.

The objective of the LVIM is to recognize those individuals who can provide a high level of comprehensive aesthetic functional diagnosis and treatment. It also recognizes their efforts to promote the advancement of comprehensive dentistry.

As the number of LVI Fellows treating musculoskeletal dysfunction of the head and neck increases, LVI has recognized the need to implement an accreditation process to assess competency, ensure continuing education knowledge, and maintain a high standard of care among those treating their patients with comprehensive dentistry principles.

The LVI Accreditation Program allows you to have a Mastership of Aesthetics and TMD Dentistry distinction among your colleagues. LVI Masters are eligible to utilize the LVI Mastership logo.

For more information, please contact an LVI Concierge at 888.584.3237 or concierge@lviglobal.com.

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CORE I:

Advanced Functional Dentistry – The Power of Physiologic Based Occlusion

An exciting three-day, hands-on program that shows you how to evaluate which cases to treat and how to gain treatment acceptance from your patients using advanced restorative dentistry. You have patients in your practice right now that can benefit from these concepts; you have the opportunity to change their lives starting the day you return to your office! This program is designed to increase the level of comprehensive care and enhance the lives of your patients, excite your team and increase the fun and passion you have at work.

The objectives of this course are for the participant to be able to:

- Recognize what cases are dangerous to restore cosmetically.
- Identify the underlying cause of an ugly smile.
- Eliminate the influence of insurance.
- Discuss which cases may require additional multidisciplinary treatment to ensure success.
- Discuss comprehensive case diagnosis and treatment planning.
- Define dental related musculoskeletal signs and symptoms.
- Discuss physiology of the bite and its relationship to the rest of the body.
- Identify the importance of airway obstruction and its affects on dental development and treatment.
- Incorporate technologies and philosophies necessary for the successful restorative practice.
- Accurately transfer the bite to the laboratory.
- Start to develop the ideal restorative practice.

“LVI has given me a new driving force in my career. It has recharged my enthusiasm for dentistry and made me realize that my career choice was not a mistake.”

— Dr. Charles Shin, Stouffville, ON

“This course is an outstanding, life-changing course that should be a prerequisite for every prosthetic/restorative instructor in every dental school.”

— Dr. David Tambor, Warren, NJ

“Not only did I learn what I didn’t know about dentistry, I learned how to help my own long history of pain in the head and neck. Thanks for the missing link.”

— Dr. Paul Bell, Denver, CO

Faculty

Dr. William G. Dickerson
Dr. Heidi Dickerson
Dr. Norman Thomas
Dr. Shamshudin Kherani
Dr. Mark Duncan
Sherry Blair

Tuition \$3,874 - Doctor

Dynamic Team Concepts

Tuition

\$795 - Per Attendee

The team portion of this course is our incredible Dynamic Team Concepts Series. This team course runs concurrently with the Advanced Functional Dentistry – The Power of Physiologic Based Occlusion course. For more information about this course see page 20.

CE Credits 22

AGD Codes 180, 734, 735

Prerequisites None



Neuromuscular-Based Orthodontics for Children

Faculty

Dr. Jay Gerber

Tuition \$2,995 - Doctor
\$795 - Team

CE Credits 22

AGD Codes 370, 430

Prerequisites None

This unique, three-day course is designed to provide a specialized educational opportunity for the diagnosis and treatment of pediatric orthodontic patients. It is the only course of study of its kind offering systematic instruction to course participants on treatment from a neuromuscular perspective.

Each participant will be instructed on the various options of orthodontic diagnosis, case selection, treatment timing and treatment modalities from the neuromuscular perspective. To facilitate a complete learning experience, numerous hands-on typodont projects will be utilized as well as project exercises and mini-clinics. These teaching methods will allow each participant to return home and immediately put into practice the learned techniques.

Primary Goal and Objective: Doctors will discover advanced diagnostic systems and the appliances necessary to complete treatment protocols. Upon completion of the course the doctors will be able to develop and apply comprehensive orthodontic treatment plans.

The objectives of this course are for the participant to be able to:

- Discuss the facial development, skeletal malocclusions, airway obstruction and the value of early intervention.
- Utilize Neuromuscular Diagnostic skills to implement diagnosis and treatment planning and the modified NFO Sassouni Plus Cephalometric Analysis.
- Utilize the NFO Cephalometric Analysis through integration with the Schwartz and Symmetrosopic Analysis.
- Discuss case selection and treatment through airway recognition, treatment timing, appliance designs and applications.
- Discover the uses and applications of the various fixed functional appliances and see how braces are used in the mixed dentition along with composite build-ups to establish and maintain NM vertical and AP.
- Discuss the magnitude of neuromuscular functional orthodontic occlusal retention and the significance of functional over-treatment.

"Dr. Gerber has the ability to demystify seemingly complex into simple concepts and in doing so build our confidence to a level where we can move forward into diagnosing, prescribing and providing orthodontic/orthopedic services.

Thank you so much!"

— Craig Newman – Merimbula, NSW AU

Advanced NM Orthodontic Diagnosis: Session I

This three-day course will enlighten doctors to the possibilities of integrating orthodontics into the dental practice and serve as an adjunct to aesthetic dentistry not previously embellished. Through diagnostic instrumentation and modern orthodontic appliances participants will discover the use of braces and appliances for the occlusal stabilization only found by the application of the principles of neuromuscular dentistry. Not unlike traditional orthodontics, but certainly a step above, this course will answer your questions about and immediately put you on the path to orthodontic excellence through the principles of Neuromuscular Dentistry.

Every general dentist should be able to utilize orthodontics to enhance their restorative therapy. Neuromuscular Orthodontics is an essential tool for every practice. Our goal is to get you started utilizing this tool, beginning with the NM physiologic position.

This course includes lectures and interactive hands-on participation projects, where each participant will learn the diagnosis and neuromuscular functional orthodontic treatment of various malocclusions. Additionally clinical didactic skills will be developed in order to be able to provide treatment including phase II stabilization treatment.

Goal of Session #1: To discover the possibilities of orthodontic stabilization using neuromuscular principles of occlusion and by defining these principles through the application of bio-electrical modalities and orthodontic diagnosis.

The objectives of this course are for the participant to be able to:

- Utilize treatment philosophies and modality options to complete stabilization of occlusion through Neuromuscular Orthodontics.
- Define and use orthodontic techniques and procedures compatible with Neuromuscular Dentistry and Neuromuscular Functional Orthodontics.
- Identify the correct diagnostic and treatment protocols for treatment.
- Utilize diagnostic screening protocols as they relate to Radiology, Physical Examination, Bio-electrical instrumentation, Scans and data interpretation and T.E.N.S.
- Discuss how to design, select and use the orthodontic appliances required for specific neuromuscular occlusal treatment.
- Realize the importance of proper TMJ joint physiology in neuromuscular stabilization and the appliances necessary to achieve that end.
- Describe the importance of a proper airway evaluation and discover the total body response to occlusal stabilization.
- Discuss what occlusion is possible with modern orthodontic appliances.
- Investigate the treatment options of orthodontics and see the role they play in developing facial beauty.

“Eye-opening course... will help me attain my professional goals and provide me with the tools and knowledge to serve my patients with excellence!”

— Dr. Shireen Irani - Grapevine, TX

“Even if you have no desire to do orthodontics, this course is essential to your education of the growth development and function of the entire oral system!”

Jay’s perspective is a must in your NM journey!”

— Chad Boger – Minneapolis, MN

Faculty

Dr. Jay Gerber

Tuition \$3,495

CE Credits 23

AGD Codes 370

Prerequisites

Core I – *Advanced Functional Restorative Dentistry*





Introduction to NM Ortho Mechanics: Session II

Faculty

Dr. Jay Gerber

Tuition \$3,495 - Doctor
\$995 - Team

CE Credits 22

AGD Codes 370

Prerequisites

Advanced NM Orthodontic Diagnosis -
Session I

This three-day advanced course is for participants with previous orthodontic experience to further their understanding and clinical skills of diagnosis, treatment planning and effective management of the neuromuscular orthodontic/orthopedic case. Distinguishing the simple tooth movement case from the moderate arch development case will be emphasized.

This course is designed to mentor and assist the participants by encouraging them to begin orthodontic/orthopedic treatment with their patients, progressively guiding them toward a finishing stage of treatment and implementing neuromuscular concepts. Practice management and marketing concepts will be discussed as it relates to orthodontic treatment.

The second session student must gain a comprehensive understanding of CMS, EMG and ESG physiologic data. With this information, there will be a deeper understanding and appreciation to support nature's bio-physiologic laws of orthopedic verticalization mechanics and occlusion. These principles are the foundation to diagnosing and treatment planning more complex cases.

An exchange of concepts, ideas and input will be given to assist each participant during the arch development and verticalization stages while treating to the myocentric finishing position.

Goal of session # 2: The primary goal of this session is to develop the necessary didactic skills of the participants that are essential for implementation of the orthodontic mechanics required for neuromuscular occlusal stabilization.

The objectives of this course are for the participant to be able to:

- Define neuromuscular position through diagnostic modalities.
- Utilize orthodontic treatment protocols through NFO orthodontic mechanics and procedures.
- Discuss various orthodontic appliances and how they are employed to accomplish stabilization.
- Discover the many uses and applications of arch wires and AW systems.
- Identify diagnostic screening protocols as they relate to Radiology, Physical Examination, Bio-electrical instrumentation, Scans and data interpretation and TENS.
- Discuss how to place and adjust appliances used for specific neuromuscular occlusal treatment through didactic laboratory projects.
- Discover the importance of proper case selection and when to start orthodontic stabilization and the appliances necessary to achieve that end.
- Discover the etiologies of pediatric orthodontic malocclusions including the implications of upper airway obstruction and posture.
- Review the techniques for the proper EMG guided bite registration for orthodontic patients and the limitations.
- Learn case presentation techniques and office management skills.

"NM Orthodontics is the purest form of Neuromuscular Dentistry... the keystone of conservative treatment... and NOBODY does it better than Dr. Gerber!"

— Jon Feist - Onalaska, WI

Advanced NM Ortho Mechanics: Session III

This three-day course brings everything together. The focus is on key components in finishing treatment. These components include such areas as combination treatment, appliances, closing options, and aesthetics. The first step in bringing it all together is an understanding of the history. The history is further supported with a review of several case studies spanning many years.

In session three, Dr. Gerber will cover why cases fail and how to avoid common mistakes.

Participants will have the tools to present orthodontic cases to patients in an easy-to-understand manner. There is additional coverage on treatment mechanics and treatment sequences specifically as it relates to more complex cases. Participants will also learn several age related treatment options. Finishing to the correct functional treatment is emphasized.

Goal of session # 3: The primary goal of this session is to specifically define final positioning of the maxillo-mandibular relationship from a neuromuscular perspective and to demonstrate the interrelations of treatment concepts and methodology as it relates to the overall scheme of modern aesthetics.

The objectives of this course are for the participant to be able to:

- Define Gerber's 9-Keys for occlusal stability.
- Discover treatment that does not relapse and learn to avoid the causes of occlusal instability and how to steer clear of re-treatment.
- Discuss how to provide intermediate anterior aesthetics in pediatric orthodontic patients.
- Identify and utilize sequential orthodontic treatment protocols.
- Discover how to treat more advanced Class II and Class III malocclusions and discover the differences age plays in treatment.
- Define specific orthodontic tooth positions as they relate to dental and profile aesthetics.
- Discuss the magnitude of neuromuscular functional orthodontic occlusal retention and the significance of functional over-treatment.
- Discover finishing screening protocols (scan interpretations) as they relate to neuromuscular stability and individual tooth placement.
- Define segmental or single arch mechanics for molar and bicuspid up righting and arch preparation for rehabilitation/reconstruction.
- See orthodontic treatment necessary to prepare for anterior aesthetics.
- Identify invisible options to avoid or limit the use of braces.

"The ortho curriculum made something that was so foreign and scary in dental school into something that's predictable and exciting. Understanding the "why" makes the "what" so much easier."

— Dr. Bret Davis - Pocatello, ID

Faculty

Dr. Jay Gerber

Tuition \$3,495 - Doctor
\$995 - Team

CE Credits 22

AGD Codes 370

Prerequisites

NFO Introduction to NM Ortho Mechanics - Session II



LVI Course Registration

PREREGISTRATION

Preregistration for all courses is preferred. It is beneficial for participants to preregister for a course so that registration packets can be distributed and any pre-course work completed before the course begins. Additionally, course manuals are made available during final check-in at the start of the course.

Two easy ways to preregister for a course at LVI:

1. Online at www.lviglobal.com
2. Call an LVI Concierge at 888.584.3237 or concierge@lviglobal.com.
If dialing international, please call 1.702.341.7978.

TUITION PAYMENT

A \$1,000 non-refundable registration fee is required for each course. The remaining tuition balance will be due 90 days prior to the course date. LVI offers a variety of payment options including Visa, MasterCard, American Express and Discover. Other financing options are also available [service fees may apply].

CONFIRMATION

You will receive an email confirmation upon receipt of your registration confirming course date, times, tuition and what to expect prior to your course. You will also be directed to download and print a copy of the course preparation packet made available within the confirmation email. This packet will provide you with further details as they relate to your course including; objectives of the course, pre-course work, and information about traveling to LVI.

CONTINUUM DISCOUNTS

Continuum packages allow participants to receive significant reductions in tuition on selected LVI Courses including but not limited: Advanced Functional Dentistry – The Power of Physiologic Based Occlusion (CORE I), Orthotic Maintenance, Adjustment and Essential Aesthetic Reconstructive Techniques (CORE II), Mastering Dynamic Adhesion in Complex Reconstructive Cases (CORE III), Advanced Principles, Case Stabilization and Bite Transfer in the Neuromuscular Practice (CORE IV), Comprehensive Aesthetic Occlusal Reconstruction – Rehabilitation Begins! (CORE V), Coronoplasty and Case Finishing – Critical Steps for Neuromuscular Success (CORE VI), Full Mouth Reconstruction – Essential Tools for Finalization of Neuromuscular Rehabilitation (CORE VII), and other clinical, business management and technician courses. An LVI Concierge can provide you with additional details; call 888.584.3237.

FINAL CHECK-IN

Please check details of each course for designated time and location of course check-in. Check-in typically begins one hour before the course start time. For courses held at the LVI Summerlin Campus, check in takes place at 9501 Hillwood Drive (the rotunda building). During check-in you will pick up any material for the course or activity, a name badge and sign the roster sheet to confirm your attendance. During each day of the course be sure to return to the roster sheet to confirm attendance by placing your initials in the designated area. Walk-in enrollments can be accommodated provided the participant is fully prepared and space is available.

ACCOMMODATING PEOPLE WITH SPECIAL NEEDS

Accommodations are made on a case by case basis. If you have a special need, please make a request at the time of registration.

DOCUMENTATION OF COURSE CREDIT HOURS

Documentation of attendance and CDE credit letters are issued to prepaid participants on the last day of the course. For live-patient courses, certificates of attendance and CDE letters are mailed 6-8 weeks after the course to participants who have completed all requirements. The first set of documentation is provided to participants at no additional cost. Replacements or additional copies can be issued, however participants will be charged an administrative fee of \$30 per course.

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Recognition Program

Las Vegas Institute for Advanced Dental Studies, LVI Global, is an ADA CERP Recognized Provider. 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 approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/goto/cerp.



*Academy of General Dentistry
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by a state or provincial board of dentistry
or AGD endorsement.
November 1, 2010 to December 31, 2013*



Location and Contact Information

The Las Vegas Institute for Advanced Dental Studies is located in Summerlin at Hillwood Drive and Hillshire Drive; just off the Summerlin Parkway at Town Center Drive.

LVI Global Office
1401 Hillshire Drive, Suite 200
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702.341.7978 phone
702-341-9561 fax

LVI Global has a number of corporate sponsors who contribute products and services that enhance the educational experience of those attending LVI Global courses and activities. Corporate partners include, but are not limited to: Aurum Ceramic, Axis Dental, BISCO, CADENT iTero, CareCredit, DentalWriter, Dexis, EndoSolutions, Five Star Ortho, HOYA ConBio, Ivoclar Vivadent, MicroDental/DTI, Myotronics, Ortho Organizers, Page1Solutions, Quicken Merchant Services, Williams Dental Laboratory, Zimmer Dental.

Information contained in this catalog is subject to change without notice.

TERMS AND CONDITIONS

Registration and service fees are non-refundable and must be exercised within two years. LVI Global, LLC (LVI) reserves the right to cancel courses 60 days prior to the scheduled date of a course or activity. Should LVI cancel a course or activity, LVI will apply the full value of any deposits and fees related to said course or activity to a future LVI course or activity. LVI will not be responsible for any other fees, costs or consequential damages associated with canceling a course or activity with the exception of non-refundable transportation or accommodation fees booked through LVI Travel.

Upon registering in any course or activity, the participant agrees that LVI and its affiliates and all personnel associated with the course or activity are not responsible or liable for any injuries or other damages sustained by the attendee in connection with the scheduled course or activity and the participant hereby releases each of them from any claims against them arising directly or indirectly from any such injury or damage.

CORE I Guarantee: We are so sure you will be satisfied with this course that we offer a money back guarantee. If you feel you are not completely satisfied with Core I, LVI will give you a full refund of your paid tuition. To be eligible for a Core I refund, written notification of dissatisfaction must be presented by noon on day two of the course.

The registered participant grants permission to LVI and its designees and agents to utilize the participants image, likeness, actions and/or statements in any live or recorded audio, video or photographic display or other transmission, exhibition, publication or reproduction made of, about or at the activity without further authorization or compensation.

Participants may not use video or audio recording devices during the schedule course or activity.

The registered participant understands that they may receive physical marketing collateral during attendance at LVI and other communications via mail, fax and/or email.

Registering for any LVI course or activity constitutes acceptance of these terms.



LAS VEGAS INSTITUTE

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CHANGING DENTISTRY. CHANGING LIVES.

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