

COURSE PREPARATION MATERIALS



Core VII

Full Mouth Reconstruction – Essential Tools for Finalization of Neuromuscular Rehabilitation

Important Risk Management Packet
Included

LVI Global
1401 Hillshire Drive, Ste 200
Las Vegas, NV 89134
www.lviglobal.com
888.584.3237



Course Introduction

Congratulations on your decision to continue your education at LVI to become the best dentist you can be!

During your CORE VII - Full Mouth Reconstruction course you will learn how to:

- ▶ Predictably prepare 28 units at the same time in less than five hours.
- ▶ Predictably seat 28 units at the same time in less than four hours.
- ▶ Accurately determine a patient's vertical dimension and determine the position scientifically.
- ▶ Be able to prove that your final position is the best for your patient.
- ▶ Accurately equilibrate your case for maximum muscle function and then prove it.
- ▶ Present full mouth cases to your patients and have them accept the treatment.

In this course, you will:

- ▶ Prepare the ENTIRE mouth in one sitting, impress and temporize in the new position that you have scientifically determined to be the best for your patient.
- ▶ Seat restorations in an ENTIRE mouth in one appointment, with predictability and ease using the tried and proven techniques taught at LVI.
- ▶ Use scientific coronoplasty techniques to finish the case to maximum efficiency and function. Then you will see it proven using scientific instrumentation.

In order for this program to flow smoothly for you, it is imperative to be fully prepared for this course. Please read the guidelines listed in this packet carefully and thoroughly.

Auditors do not need to bring a patient as they do not participate in the hands-on portion of the course. Auditors will observe during the clinic times.



Patient Selection

Since you will be seating a full mouth case in one sitting, it is important that you select the proper patient. Please read the following carefully to determine if your patient meets the requirements:

- Do not choose a difficult patient. Someone who is extremely nervous, demands nitrous, can't sit for a long time or has a low pain tolerance should not be considered.
- Patients with a history of pain as well as TMD signs and symptoms must be stabilized using orthotic therapy prior to restoring. Some patients will need to wear an orthotic for an extended period of time before they are pain free and stabilized. Plan for that when choosing your patient and scheduling the course.
- We require completing *Core VI-Case Management* before attempting preparations for this course.
- Cases with bridges are acceptable, but not cantilever bridges or arches with missing molars that are not going to be replaced.
- Implant placement cases are not allowed. Please consider taking the Implants II live patient program for these patients. Restoring implants as part of the treatment will be allowed with approval from Core VII Course Director, Dr. Heidi Dickerson (hdickerson@lviglobal.com). Please note that you will need to bring all of your own restorative implant tools as LVI is unable to provide them for you.
- All endodontic treatment should be done prior to the program as well as all perio surgery other than tissue re-contouring. Complete all general clean up if unsure of tooth involvement. Tissue health should be excellent.
- All cases must be mounted on an articulator designed for HIP evaluation.



Risk Management

The items below **must** be completed and faxed or mailed to LVI Global prior to case approval.

- ☐ Student Information Form
- ☐ Agreement for the Dentist Participant
- ☐ Release of Liability Form
- ☐ Information Verification
- ☐ Patient Informed Consent
- ☐ Patient Education Form Regarding Full Mouth Reconstruction
- ☐ Records Release & Consent
- ☐ Documentation of Work Done at Home (please answer every element of question # 3)
- ☐ Lab Form
- ☐ Medical History
- ☐ Periodontal Evaluation
- ☐ LVI S.M.I.L.E.S. Evaluation Form (optional)
- ☐ Musculoskeletal – Occlusal Signs Exam Form (optional)
- ☐ Case Approval Worksheet, FULLY completed
- ☐ A set of models mounted to the neuromuscular bite (see specific requirements on page 5)
- ☐ Digital photographs (see 'Core V & Core VII Required Photographs' sheet attached)
- ☐ Full mouth radiographs OR Panorex plus Bitewings in digital format (see 'Core V & Core VII Required Photographs' sheet attached)
- ☐ Tomograms in Natural CO and Orthotic (see specific requirements on page 5)
- ☐ Have an original certification of licensure sent from your state board to: LVI Global
Attention: Core VII C/O Risk Management 1401 Hillshire Dr. Suite 200, Las Vegas, NV 89134
- ☐ Current copy of your malpractice/liability insurance with policy expiration date valid through seat date of this course.

Required for completing Core V patient in Core VII (A lower arch only case cannot be evaluated without these scans

- ☐ K7 scans including 10 Rest/CO Rest, 11 and 4/5 where the bite was taken

In the absence of the above requirements, LVI cannot undertake the approval of a case.

Once your case has been reviewed and accepted, you will receive notification of your clinic assignment and instructor. We advise that you not make any travel plans until the case is officially approved by Core VII Course Director, Dr. Heidi Dickerson.

Items we would like to have

- If you have a K7, please send the scans outlined in the 'Preferred K7 Scans for Core VII Case Submissions' document included in this packet. You can send them to Risk Management via email at riskmanagement@lviglobal.com. Directions on how to send K7 scans via email is also included in this packet.

Models:

Please send a set of models mounted in the neuromuscular position of the case you plan to bring to the course at LVI Global. Take your impressions with a polyvinyl siloxane material, not alginate. Pour your models up in stone (i.e.: yellow, green, pink). Please label the models with your name as well as your patient's name. Your case must be approved before your lab can begin your wax-up, so send your case information to LVI as soon as possible. Your laboratory will require a separate set of polyvinyl impressions and a neuromuscular bite transfer to fabricate your diagnostic wax-up.

Please mail your models & completed case approval worksheet to:

LVI Global

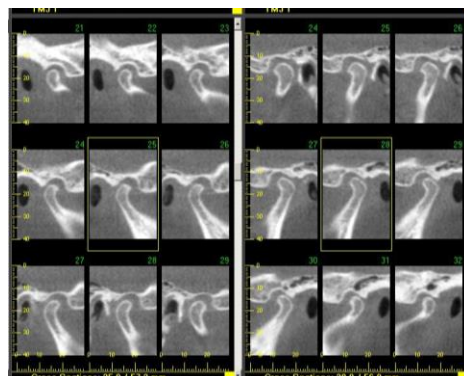
ATTN: Core VII (Course Session Date and Your Name) C/O Risk Management
1401 Hillshire Dr. Suite 200, Las Vegas, NV 89134

Tomograms:

Please see example of an acceptable tomogram – they must be sent to LVI no later than 4 weeks prior to the course start date. If we do not receive them prior to this deadline, you will be required to have this service done on campus on the first day of the course.

Tomograms MUST be taken of your patient in two positions:

- Existing CO
- In NM position using any of the following; tens or K7 bite registration, fixed or removable orthotic.



If you are unable to get tomograms in your area, you can have them taken at LVI. The fee is \$395 and must be paid for by credit card from the doctor only. We cannot accept payment directly from your patient. Please email riskmanagement@lviglobal.com for more information and to schedule an appointment.

Other Important Information:

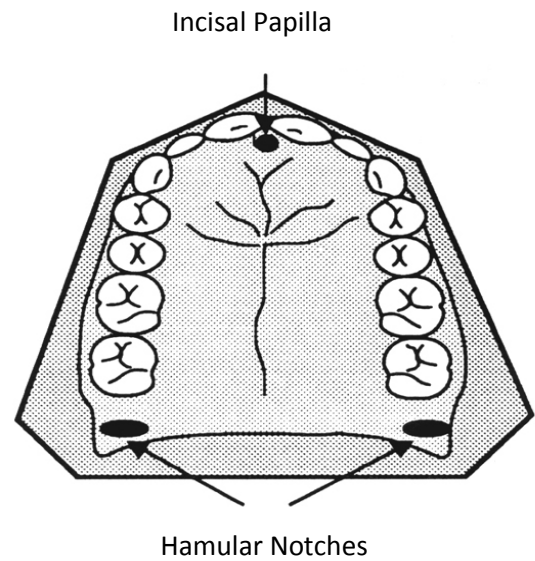
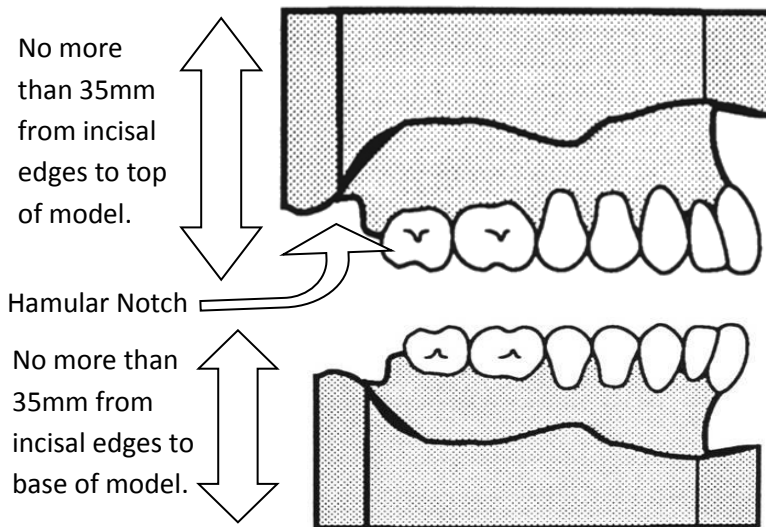
- An LVI Esthetic Preparation Bur Kit (Axis LS-7541) will be supplied to you in the clinic during the prep session. Don't hesitate to bring anything else such as your own favorite instruments, favorite burs, loupes, light source, etc.
- LVI is not able to write prescriptions for your patient, so if you anticipate a need for any prescription medication while at LVI, please make arrangements for your patient in advance.



Course Preparation Materials

Doctors and Team Please **BRING** with you:

One set of models and PVS impressions of your own mouth. You will not be able to take impressions and have them made here. Upper models must include hamular notches and incisal papilla. Please do not trim them off. Models must be unmounted and must have HIP and Facial buccal frenums.



Pull lips out when taking the impression to highlight the frenums.



Oral Answers



Patient Discussion

Please read this prior to reviewing the Risk Management Documents with your patient.

It is imperative that your patient is thoroughly informed of the procedures to be performed on them here at LVI Global. It is very important that your patient realizes that although you are a licensed dentist that you will be in a training situation and applying newly learned techniques. Your patient should always understand that they have options to the proposed treatment for this program including no treatment at all. It must be explained to your patient that they have the right to change their mind and refuse treatment prior to the treatment plan being started. Do not leave any portion of the Risk Management forms blank. Please make certain the patient consent form is completed and explained before being signed by your patient.

As a doctor, it is important that you and your patient understand that there is always some potential harm in having any procedure performed. The more forthright you are in relaying and explaining the possibility of adverse effects to your patient, the better protected you both will be; no matter how obscure you may perceive these effects to be.

As of January 2008, we are now required to obtain a certification of licensure, sometimes referred to as verification of license or letter of good standing. This must be requested from your state board and mailed directly to LVI Global. This is not to be confused with your certified license, as those are only sent to you and should stay at your practice. We will keep your license on file and update it online for you for future live patient courses you attend - provided your state has this feature available.

Please do not hesitate to contact us with any questions or concerns you may have. 888.584.3237 or riskmanagement@lviglobal.com.



Student Information Form

Please complete this form and mail or fax to:

LVI Global • 1401 Hillshire Dr. Ste 200 • Las Vegas, NV 89134 • (888)584-3237 • Fax (702)341-8510

Personal Information

First Name Preference: _____ Last: _____ MI _____

Office Address: _____ City _____ State _____ Zip _____

Circle one: Designation **DDS DMD Other** _____

Office Phone #: _____ Office Fax: _____

Home Phone #: _____ Home Fax: _____

Mobile Phone #: _____

E-Mail Address: _____

AGD #: _____

License #: _____

Educational Background

Dental School: _____ Degree: _____ Year: _____

Graduate Residency: _____

Do you teach? _____ If so, where? _____

How many years have you practiced dentistry? _____

Do You Consider Yourself:

☐ Beginning esthetic dentist

☐ Experienced esthetic dentist

☐ Intermediate esthetic dentist

☐ Highly experienced esthetic dentist

Do You Operate:

☐ Right Handed

☐ Left Handed

What procedures do you prefer doing the least and why?

What is the main reason you are attending this program?

What do you hope to get out of the program?

What are your main concerns about cosmetic dentistry?

How many of the following procedures do you do a month?

Porcelain Veneers _____ Direct Resin Restorations _____ PFM's _____

All Porcelain Crowns _____ Indirect Resin Restorations _____ Amalgam Fillings _____

Gold Inlays/Onlays _____ Non-Metallic Bridge _____ Direct Resin Veneers _____



Agreement for the Dentist Participant

Please complete this form and mail or fax to:

LVI • 1401 Hillshire Dr. Ste 200 • Las Vegas, NV 89134 • (888)584-3237 • Fax (702)341-8510

I, _____, am a participant in a continuing dental education program, CORE VII, at the Las Vegas Institute for Advanced Dental Studies on _____ 20__.

Pursuant to class curriculum, I willingly agree to participate in a clinical situation at or sponsored by the Las Vegas Institute for Advanced Dental Studies. I understand and agree that I will be required to conform to the institute policies and procedures during the time I spend in the clinic. I understand and agree to take direction from the clinic faculty and his/her designees.

I hereby verify and confirm that _____ is my patient of record. I also agree that I am responsible for all the follow-up remedial care on my patient for this course.

Patient's Name

My current liability insurance coverage is with:

Name of Insurance Company _____

Please Print Dr.'s Name _____

Doctor's Signature _____

Date _____

(_____) I have requested a certification of licensure from my state board on _____.
Initial Date



Release of Liability Form

Please complete this form and mail or fax to:

LVI • 1401 Hillshire Dr. Ste 200 • Las Vegas, NV 89134 • (888)584-3237 • Fax (702)341-8510

Release of Liability Agreement

I am participating in the LVI Course, CORE VII on _____, 20___. In consideration of the opportunity to participate in this program, I hereby release the Las Vegas Institute for Advanced Dental Studies, their officers, directors, employees, and agents from any claim, damage of liability for or arising out of an injury or death which could result from my own actions or omissions or the actions or omissions of any employee or agent of the Curators of the Las Vegas Institute for Advanced Dental Studies.

Print Name of Dentist Participant

Signature of Dentist Participant

Date



Information Verification

Please complete this form and mail or fax to:

LVI • 1401 Hillshire Dr. Ste 200 • Las Vegas, NV 89134 • (888)584-3237 • Fax (702)341-8510

Please complete the first line exactly as you would like it to appear on your participation award and on the second line exactly as you would like it to appear on the name tag you will wear while on campus.

Attendee's Full Name: _____

(for awards, certificates and continuing education credits)

Nick Name: _____

(if applicable, for name tags)

Degree or Title: _____

(for awards and certificates)

Dental License #: _____

(for continuing education credits)

Attendee Signature: _____



Patient Informed Consent

Please complete this form and mail to:

LVI • 1401 Hillshire Dr. Ste 200 • Las Vegas, NV 89134 • (888)584-3237 • Fax (702)341-8510

Core VII – Full Mouth Reconstruction – Essential Tools for Finalization of Neuromuscular Rehabilitation

Patient Name _____

Nature of Treatment to be Rendered: Functional/Esthetic / Restorative treatment of the dentition to include teeth # _____ - _____

Benefits of Treatment _____

Patient to Initial Each Line

	Potential Consequences:		Alternatives to treatment:
Patient Initials		Patient Initials	
	Future need for further restorations or treatment		Full coverage crowns
	Future need for endodontic therapy		Cement retained full coverage crowns
	Potential for sensitivity		Orthodontics
	Potential for fractured restorations		No treatment
	Potential for debonding of restorations		Other:
	Other:		

I hereby verify and confirm that I am a patient of record of Dr. _____ (“my Doctor”). I agree and hereby consent to my Doctor performing dental work for and upon me as part of a “live patient” continuing dental education training course my Doctor will be attending at Las Vegas Institute for Advanced Dental Studies (“LVI”) in Las Vegas, Nevada. I understand the primary purpose of this continuing dental education course is to educate and train my Doctor, in a “live patient” training situation, on techniques and procedures to be performed upon me in my Doctor’s office and in the clinic at LVI. I further state that the nature and extent of the techniques, procedures, and treatment I will be receiving (my “Treatment Plan”) have been explained to me by my Doctor. My Doctor has informed me about the potential risks of using the techniques which will be applied by my Doctor as part of my Treatment Plan, and I understand my Doctor may have limited experience with such techniques he/she will be learning at LVI. I further understand that my Doctor, who will be performing such dental services for and upon me during or as part of his/her participation in a “live patient” course at LVI, will be doing so as an independent professional, and my Doctor will not be performing such services in any way as an agent or employee of LVI or any benefit of LVI or any of its employees.

My Doctor also has informed me of alternative procedures that are available to me and my options with respect to each such available alternative procedure. I am aware that one such option that is available to me is that I receive no treatment at all. Having considered the options and alternative procedures available to me, I have agreed to the specific Treatment Plan to be completed by my Doctor. I am aware that I have the absolute right to discontinue treatment at any time. I have been advised by my Doctor of the post-operative care that is necessary for me to receive after the procedure is performed at LVI, and I am aware that such post-operative care will occur at my Doctor’s office. It is my understanding that all follow-up/ remedial care will be rendered by my Doctor.

PATIENT:

WITNESS:

Signature

Date

Witness

Date

Printed Name

Printed Name



Patient Education Form Regarding Full Mouth Reconstruction

Treating doctor must complete this form with the patient before starting the course:
LVI Global • 1401 Hillshire Dr. Ste 200 • Las Vegas, NV 89134 • Fax (702)341-0983

As a patient of Dr. _____, I _____ understand the following information regarding my treatment in the CORE VII-Full Mouth Reconstruction Course at LVI on _____, 20__.

I understand that my treatment is based on neuromuscular science and that this science utilizes an orthotic on the upper and/or lower teeth as a functional temporary mandibular repositioning appliance until my treatment is finalized by completion with permanent restorations.

I understand that for a period of time prior to the first visit of the Full Mouth Reconstruction Course at LVI, I will be placed in an orthotic repositioning device(s) on the lower and/or upper teeth to establish and maintain my neuromuscular occlusal position. At the first appointment for Full Mouth Reconstruction at LVI the device(s) will be removed; the upper and lower teeth will be prepared and temporary restorations will be placed on the upper and lower dentition. At the final appointment for the Full Mouth Reconstruction at LVI, approximately one month later, the permanent restorations will be placed on the upper and lower dentition. Between the two appointments, I will be contacted by my doctor from his/her office to ascertain my comfort and the health of the dentition.

I do understand that although final restorations will be placed, there will be some required refinements to these restorations after cementation. To properly complete the occlusal changes my doctor will begin in this course, neuromuscular science will be used and will always need to be considered in order to protect the restorations and established occlusion that will be placed by my doctor in the full mouth Reconstruction Course at LVI Global.

Patient Signature: _____

Treating Doctor's Signature: _____

******It is recommended that you review this with the patient. Keep the original in your patient record, provide a copy to your patient, and submit a copy with the risk documentation prior to the course.*



Records Release & Consent Form

Please complete this form and mail to:

LVI • 1401 Hillshire Dr. Ste 200 • Las Vegas, NV 89134 • (888)584-3237 • Fax (702)341-8510

During certain educational courses at LVI, your photographs may be used for educational purposes. Use of the photos, may include but not be limited to presentation in a course teaching manual and/or presented in a power point lecture. As a patient, we request that you sign the attached release form, prior to the use of your photographs.

I, _____, consent and authorize an instructor and LVI to use my name or a photograph, photographs, video, slides, K7 scans or any other image as may be necessary of me, with or without my name, or with a fictitious name for advertising, trade, or any other lawful purpose and I release and forever discharge either or both of them from any claim, demands, or liability on account of such use or for the quality of the reproduction of the photograph or photo copy provided.

Patient Signature: _____ Date: _____

Patient Printed Name: _____

Treating Doctor Signature: _____ Date: _____

Treating Doctor Printed Name: _____

Witness Signature: _____ Date: _____

Witness Printed Name: _____



Please complete this form in its entirety. Do not leave any portion of question #3 unanswered. This should be completed from both a liability and dental standpoint. **Note:** (Please do not make travel plans prior to receiving approval of your case. The earlier that you get the case information in, the easier it is for you to plan.)

d) **exact treatment plan** to be preformed (including detail).

[illegible]

Participating Doctor's Signature

Printed Name _____



Lab Information

Please complete only one section: (Please note use of an LVI trained lab is mandatory)

I am currently a client of:

- ☐ Aurum Ceramic 800-611-1169
- ☐ MicoDental 800-229-0936
- ☐ Williams Dental Lab 800-713-5390
- ☐ I have sent a set of models to the lab I have designated above and informed them which course I will be attending.

OR

I received a scholarship from:

- ☐ Aurum Ceramic 800-611-1169
- ☐ MicroDental - Please circle location 800-229-0936
- ☐ Williams Lab 800-713-5390
- ☐ I have sent a set of models to the lab I have designated above and informed them which course I will be attending.

OR

- ☐ Please assign me to an LVI Trained Lab for this course.
- ☐ I understand that when I am assigned a lab, I must send a set of impressions to that lab soon as possible.

LVI USE ONLY:

Lab Assigned: _____

YOU WILL BE ASSIGNED TO AN LVI TRAINED LAB IF THIS FORM IS NOT RETURNED THIRTY (30) DAYS PRIOR TO THE START OF THE COURSE!!

To have the necessary workup for the class done in a timely manner, send your case to the lab as soon as possible. I understand that I must **send a set of models to LVI Global** for case approval. LVI's Clinical Director may contact me either via email or phone to discuss my case, and if approved, I will be assigned a clinical instructor and clinic time for this course.

Participant Signature _____ Date _____

Printed Name _____



P_____

Signature: _____ Date: _____
(Parent or Guardian if under 18)



LVI PATIENT INFORMED CONSENT

As a patient at **LVI Global**, I _____,
understand that I will be participating in hands-on training in the use of
certain diagnostic techniques and procedures used in neuromuscular
dentistry.

If you have any of the following conditions you are advised **NOT** to TENs:

- Pregnant
- Pacemaker
- Temporal Arthritis
- Active Cancer
 - Yes No
 - 5 Years Cancer Free Yes No
 - What type Cancer? _____
 - How was it treated? _____

If you have any other medical conditions please consult with the Clinical
Director prior to participating.

By signing below, you understand the contraindications and have no
medical restrictions. Participation is optional at all times.

Printed Name: _____

Signature: _____

Date: _____

Doctor's Name: _____

LVI S.M.I.L.E.S. Evaluation Form

Patients Name _____ Date _____

S. - Size and golden proportion.

Width of centrals _____ Length of Centrals _____ W/L Ratio _____ (75%-80%)

Golden Proportion _____ / _____ / _____ (1.6/ 1 / .6)

Centrals Latrals Cuspids

Correct to proper dimensions if possible

☐ Yes ☐ No



M. - Midline and Canting

Is the midline correct?

☐ Yes

☐ No how far off _____ R/L

Is the smile canted?

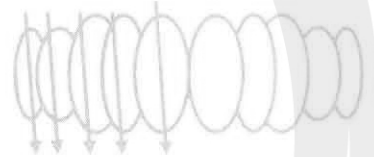
☐ Yes

☐ No



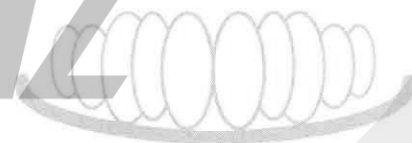
I. - Axial Inclination

- ☐ The teeth are properly mesially inclined
- ☐ Mesial / distal incline which needs correction
- ☐ Leave teeth as is, even though not properly inclined



L. - Lip Line vs. Incisal Edge of Teeth

- ☐ Incisal edges properly follows lip line
- ☐ Reverse smile line
- ☐ Deficiency (describe) _____



E. - Extra hard tissue guidelines

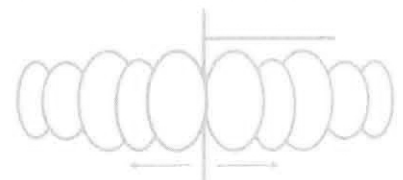
- ☐ Contact points proper (gingival migration posteriorly)
- ☐ Gradation of teeth proper
- ☐ Arch form proper

Corrections necessary _____



S. - Soft Tissue Conditions

- ☐ Good Gingival Symmetry / Correction _____
- ☐ Good Height and Contour / Correction _____
- ☐ Gingival Zenith Correct / Correction _____





Musculoskeletal - Occlusal Signs Exam Form

NAME _____ DATE _____ AGE _____

SYMPTOMS	SIGNS (intra-oral)
1 ☐ Headaches	1 ☐ Crowded Lower Anteriors
2 ☐ TMJ Pain	2 ☐ Wear of Lower Anterior Teeth
3 ☐ TMJ Noise	3 ☐ Lingual Inclination of Lower Anterior Teeth
4 ☐ Limited Opening	4 ☐ Lingual Inclination of Upper Anteriors (Div. II Occlusion)
5 ☐ Ear Congestion	5 ☐ Bicuspid Drop Off
6 ☐ Vertigo (Dizziness)	6 ☐ Depressed Curve of Spee
7 ☐ Tinnitus (Ringing in Ears)	7 ☐ Lingually Tipped Lower Posteriors
8 ☐ Dysphagia (Difficulty Swallowing)	8 ☐ Narrow Mandibular Arch
9 ☐ Loose Teeth	9 ☐ Narrow Maxillary Arch (High Palatal Vault)
10 ☐ Clenching/Bruxing	10 ☐ Midline Discrepancy
11 ☐ Facial Pain (Nonspecific)	11 ☐ Malrelated Dental Arches
12 ☐ Tender, Sensitive Teeth (Percussion)	12 ☐ Tooth Mobility
13 ☐ Difficulty Chewing	13 ☐ Flared Upper Anterior Teeth
14 ☐ Cervical Pain	14 ☐ Facets
15 ☐ Postural Problems	15 ☐ Cervical Erosion (Notching of Gingival)
16 ☐ Paresthesia of Fingertips (Tingling)	16 ☐ Locked Upper Buccal Cusps
17 ☐ Thermal Sensitivity (Hot & Cold)	17 ☐ Fractured Cusps (Particularly Cl. 1 & II Non-Functional Cusps)
18 ☐ Trigeminal Neuralgia	18 ☐ Chipped Anterior Teeth
19 ☐ Bells Palsy	19 ☐ Loss of Molars
20 ☐ Nervousness/Insomnia	20 ☐ Open Interproximal Contacts
	21 ☐ Unexplained Gingival Inflammation and Hypertrophy
	22 ☐ Crossbite
SIGNS (extra-oral)	23 ☐ Anterior Open Bite
1 ☐ Facial Asymmetry Bilateral\	24 ☐ Anterior Tongue Thrust
2 ☐ Short Lower Third of Face	25 ☐ Lateral Tongue Thrust
3 ☐ Chilitis	26 ☐ Scalloping of Lateral Border of Tongue
4 ☐ Abnormal Lip Posture	
5 ☐ Deep Mentalis Crease	
6 ☐ Dished-Out or Flat Labial Profile	
7 ☐ Facial Edema	
8 ☐ Mandibular Torticollis	
9 ☐ Cervical Torticollis	
10 ☐ Forward Head Posture (Lordosis)	
11 ☐ Elongated Lower Face(Steep Mandibular Angle)	
12 ☐ Speech Abnormalities	



Core VII Case Approval Worksheet

****Important Note: You must return this worksheet with your models for case approval.**

Models must be mounted to the neuromuscular position.

Please do not leave any part of this form blank.

Dr.		Patient:
Central Width of tooth #		<i>If the upper centrals have crowns, please use lower width guidelines</i>
Central Length of tooth #		Type of current orthotic: removable ☐ fixed upper ☐ fixed lower ☐
Existing Vertical from tooth # to #		Total time in current orthotic:
LVI Golden Vertical		Total time in Phase 1:
Vertical in Current Orthotic		Bite Transfer (circle one): Y Date: N <i>If yes, please give details below in question 4.</i>

1. Do you have a K7? Y N
2. Do you plan to restore the lower arch in Core VII? Y N
3. Do you plan to restore any implants? Y N

If yes, please give tooth numbers & treatment plan for each below:

4. Please provide any other information pertaining to the case or the patient's symptoms (patient headaches relieved after wearing orthotic, etc.):

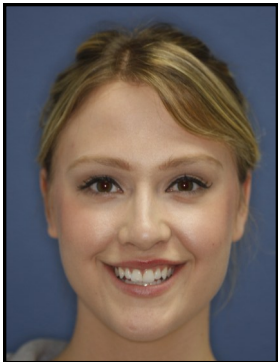
LVI Vertical Index:

Central Width	Ideal Length	Golden Vertical
7 mm	9 mm	14.5 mm
7.5 mm	9.75 mm	15.75 mm
8 mm	10.5 mm	17 mm
8.5 mm	11 mm	17.75 mm
9 mm	11.5 mm	18.5 mm
9.5 mm	12.25 mm	20 mm
10 mm	13 mm	21 mm
10.5 mm	13.5 mm	22 mm



CORE V & VII REQUIRED PHOTOGRAPHS

You must submit the following photographs of your patient in digital format:



Full Face Smile



Up-close Smile — Right lateral view, Anterior, Left lateral view



Retracted Slightly Open — Right, Anterior, Left



Occlusal (Upper and Lower)



Retracted Habitual Occlusion — Right, Anterior, Left



Retracted NM Occlusion in Fixed Orthotic — Right, Anterior, Left

*Please DO NOT send prints or original photographs to LVI.

*All materials sent in for submission must be duplicates.

*If you will require radiographs during the course please bring extra copies with you.

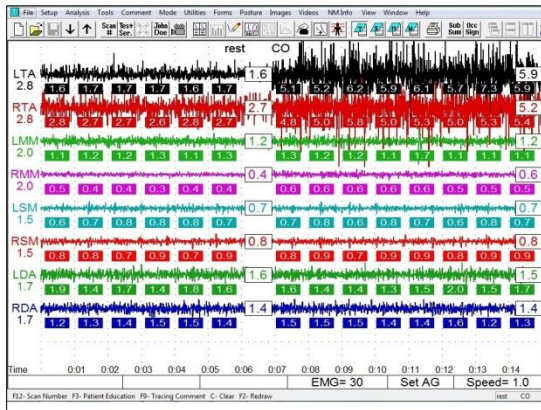
Upload all required photos & x-rays:

- Before beginning, RENAME each individual picture you are uploading BEFORE UPLOAD so that the name of the doctor attending and the course name is included in the filename. For example, each picture should be "John Smith Core II 01.jpg", "John Smith Core II 02.jpg", etc.
- Using your Web browser, go to <https://www.hightail.com/u/LVIRiskManagement>
- Type in your email
- In the subject field type the course name and date and your name For example, Core II March/April 2011 John Smith
- Upload only your PROPERLY NAMED photos
- If you have any issues call Programs at 702-341-7978.

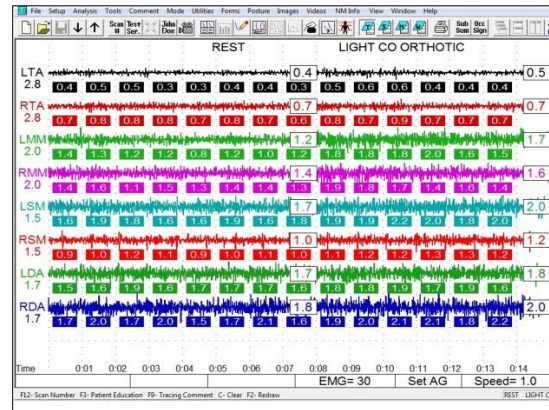


Preferred K7 Scans for Core VII Case Submissions

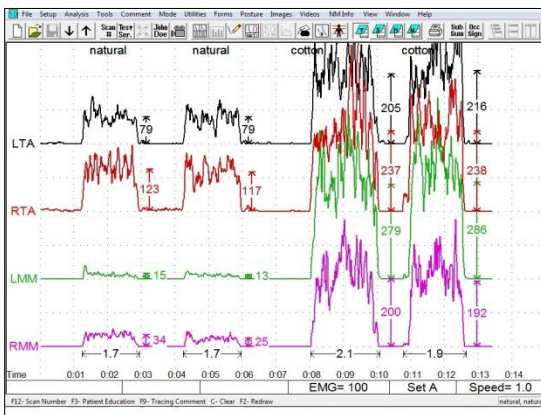
Scan 9 - Rest/CO Natural



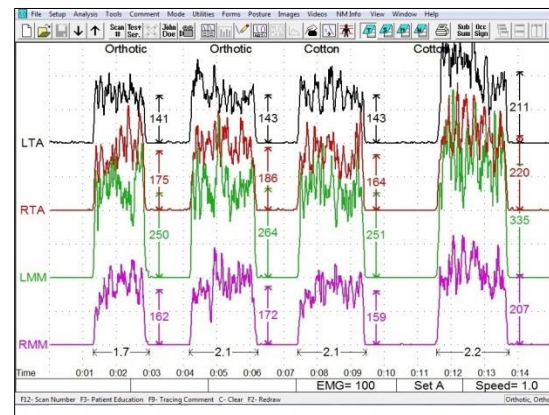
Scan 10 - Rest/Light CO in Orthotic



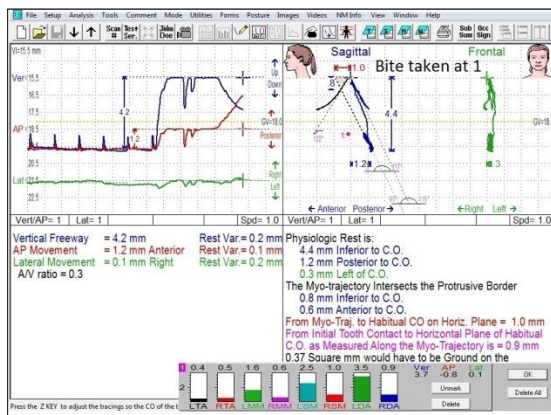
Scan 11 - Natural x 2 and Cotton x 2



Scan 11 - Orthotic x 2 and Cotton x 2

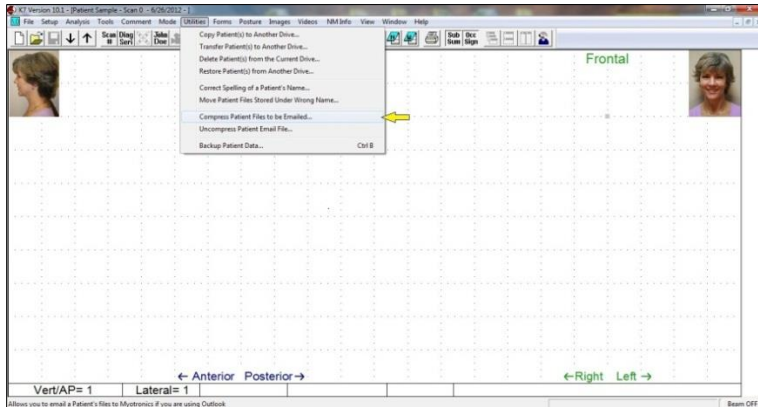


Scan 4/5 - Mark your EMG's and screen comment what bite position you chose.

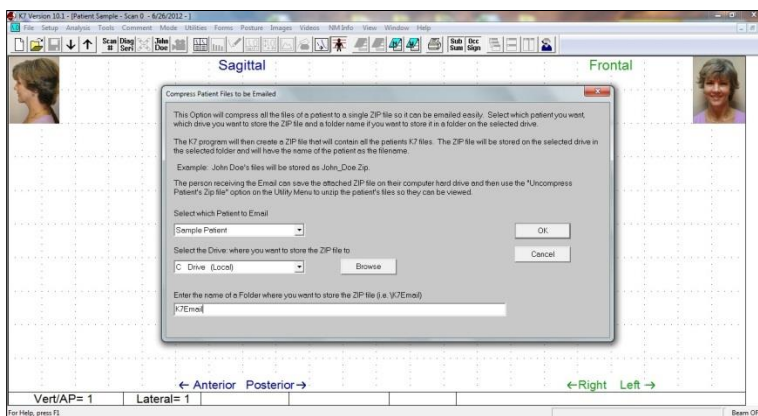


Instructions for Sending K7 Scans via E-mail:

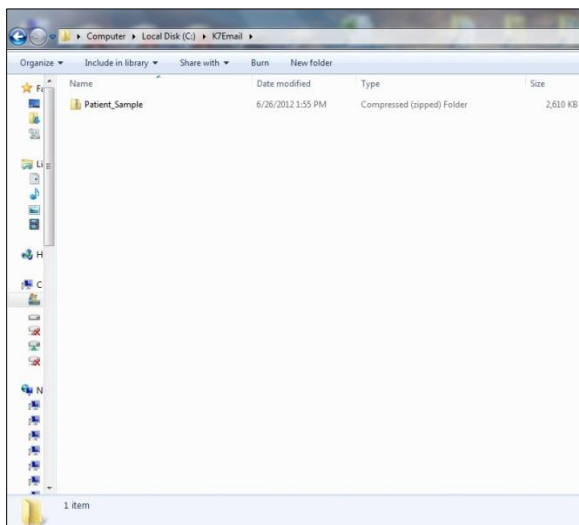
1. Open the K7 program and select your patient.
2. Under the 'Utilities' tab, click on 'Compress Patient Files to be Emailed...'.
A yellow arrow points to this option in the Utilities menu.



3. Verify patient name under "Select which Patient to Email". Select the drive you want to store the Zip file on or use the 'Browse' button for a more specific location (such as the Desktop).



4. Go to the drive where you placed the file (in this case, the C drive) and open the K7Email file you just created. This 'Compressed Zip Folder' is what you will attach to your Email.





Fixed Orthotic Bite Transfer

1) Prior to bite transfer appointment, take impression of fixed in patient's mouth, pour up model, and make a new Sil-tech stent to fabricate a new fixed orthotic.

2) At appointment, TENS patient for an hour to ensure they are on their neuromuscular trajectory.

3) Verify 3 verticals (Right/Anterior/Left) in the patient's mouth.

4) Place bite reg over the fixed orthotic in the patient's mouth. Have patient close into bite reg. This is the NM CO bite. Repeat to have a 2nd CO bite. Verify 3 verticals.

5) Using a model of their natural dentition as guide, section fixed orthotic from mesial of central incisor to mesial of 2nd molar (or whatever tooth is your "distal stop").

6) Remove fixed orthotic. Place NM CO bite reg back into patient's mouth on the upper arch. Reline CO bite reg in the area of the sectioned orthotic. Have the patient close. Verify 3 verticals. Repeat with 2nd CO bite reg.

7) Section fixed on the other side until the mesial of 2nd molar (or whatever tooth is your "distal stop"). Remove orthotic.

8) Reline NM CO bite reg—avoid overlapping the bite reg with any previously relined segment. Have patient close. Verify 3 verticals. Repeat with 2nd CO bite reg.

9) Remove last posterior stops of the fixed orthotic. Reline NM CO bite reg (avoid overlapping) and have patient close. This is the completely relined fixed orthotic Bite Transfer. Should have 2 (1 for Dr and 1 for the Lab).

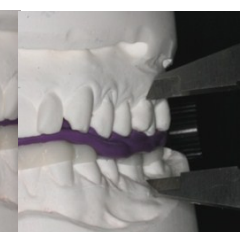
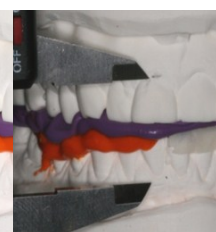
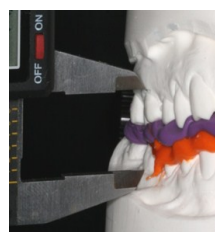
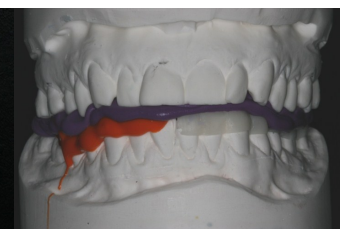
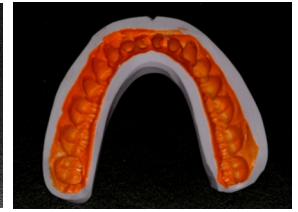
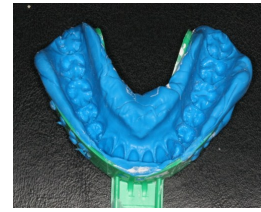
10) Verify 3 verticals—R/Ant/L. Verticals should be the same as when fixed orthotic was in.

11) Take Upper (include HIP)/Lower PVS impressions & symmetry bite.

12) Using the new stent, fabricate a new fixed orthotic. Verify 3 verticals.

13) Send to LVI trained lab:

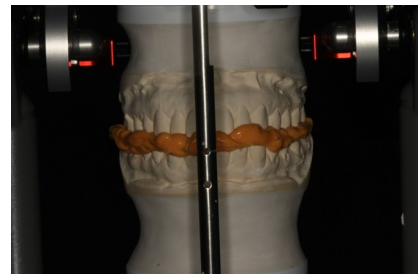
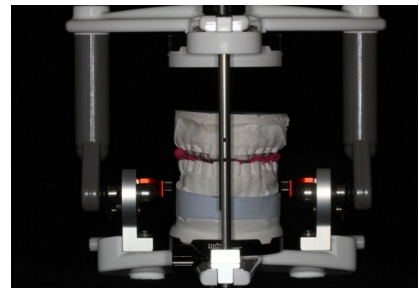
- ◇ 1 completely relined Bite transfer
- ◇ Upper (include HIP)/Lower PVS impressions
- ◇ Symmetry bite
- ◇ Full face photo of symmetry bite on patient
- ◇ Bite Management sheet
- ◇ Smile Design evaluation





Removable Orthotic Bite Transfer

- 1) Take upper & lower PVS impressions of the natural dentition and pour up models
- 2) Mount upper to HIP on Stratos prior to Bite transfer appointment
- 3) At appointment, TENS patient for an hour so they are on their neuromuscular trajectory
- 4) Verify 3 verticals in removable orthotic—Right/Anterior/Left
- 5) Place bite registration over removable orthotic and have patient slowly close into bite registration. Orthotic should feel stable in the bite. Verify that verticals are the same.
- 6) Remove the orthotic/bite reg from the patient's mouth. Place it on the mandibular model. Before mounting to upper, hand articulate the lower to the upper to verify that the 3 verticals are the same as in the patient's mouth. Mount lower to upper HIP model using the orthotic/bite reg.
- 7) Once mounting is set, remove the orthotic/bite reg, and verify 3 verticals—R/Ant/L.
- 8) Using the mounted models, place bite reg on lower model and close the Stratos into the bite reg. Verify 3 verticals. This is the removable orthotic Bite Transfer. (Make 2 bite transfers-1 for Dr and 1 for lab)
- 9) Verify Bite Transfer(s) in the patient's mouth—R/Ant/L. All measurements should be the same as when you first started.
- 10) Return removable orthotic to patient
- 11) Send the following to an LVI trained lab:
 - ◇ Mounted models
 - ◇ 1 Bite transfer
 - ◇ Upper (include HIP)/Lower PVS impressions
 - ◇ Symmetry bite
 - ◇ Full face photo of symmetry bite on patient
 - ◇ Bite Management sheet
 - ◇ Smile Design evaluation





Assistants

It is mandatory that participants bring an assistant to the program unless auditing. You can register your assistant as a “clinic only” team member; however, as a full participating registrant your assistant will have access to lectures, meals and other activities that the Clinic Only assistants are prohibited from attending.



Course Change and Cancellation Policy

Registration fees are non-refundable and must be exercised within two years. LVI Global, LLC ("LVI") reserves the right to cancel courses 45 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 future LVI course or activities. Should LVI cancel a course or activity, you may also have the option of having the deposits returned to you. Fees remain non-refundable but, may be reapplied to another course or activity. LVI will not be responsible for any other fees, costs or consequential damages associated with canceling this LVI course or activity with the exception of non-refundable transportation or accommodation fees booked through LVI Travel. For courses requiring a live-patient, the treating Doctor must bring a patient of record. During courses conducted at LVI, I understand that photographs or video may be taken of me for educational and marketing purposes. I hold harmless LVI for any liability resulting from this production. I waive any right to inspect the finished production as well as advertising materials in conjunction with these photographs. I understand that I may receive marketing materials as a result of my attendance. In addition, by my signature on this form, I authorize LVI or its partners to contact me via mail, facsimile or email.

Change/Cancellation/Postponement Policy:

- A change, cancellation or postponement of course date is not complete without your required signature and date.

The following do not apply if moving from TBD status to date selection

- If change, cancellation, or postponement is received 60-90 days prior to registered course, 25% of the course fee will be forfeited.
- If change, cancellation, or postponement is received within 60 days, 50% of the course fee will be forfeited.
- If change, cancellation, or postponement is received less than 30 days prior to your registered class, 100% of the course fee will be forfeited.

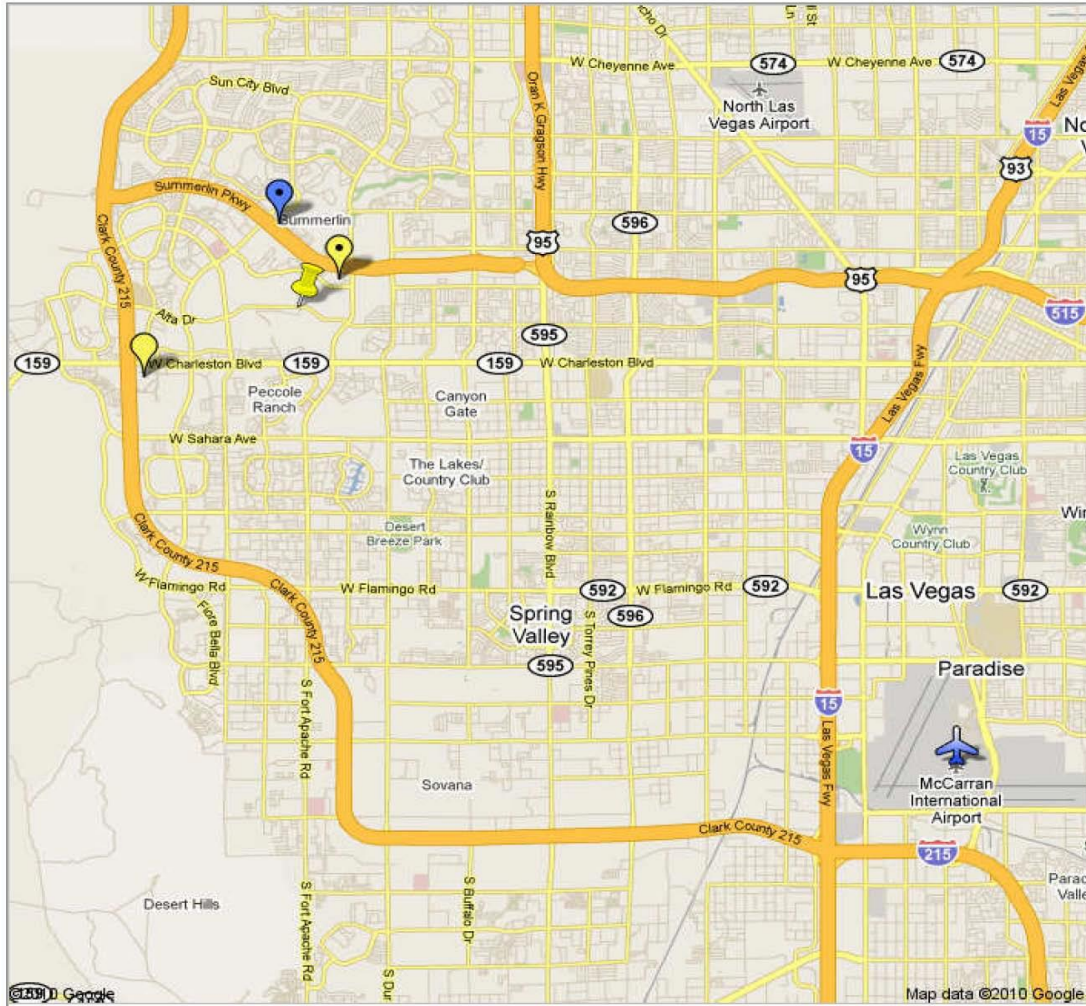


Travel Information

Please note travel expenses are not included in your tuition. Visit the [LVI Global website](#) for the most up to date travel information.



Maps and Directions



-  LVI
-  Red Rock Casino, Resort and Spa
-  Suncoast Hotel and Casino
-  McCarran Airport
-  JW Marriott Las Vegas Resort Spa

Click on the links below to view and print maps and directions to the specified locations.

[McCarran Airport to LVI](#) [McCarran Airport to JW Marriott Resort and Spa](#)

[McCarran Airport to Suncoast Hotel and Casino](#) [McCarran Airport to Red Rock Casino, Resort and Spa](#)

[JW Marriott Resort and Spa to LVI](#) [Suncoast Hotel and Casino to LVI](#) [Red Rock Casino, Resort and Spa to LVI](#)



Frequently Asked Questions

What is the weather like in Las Vegas?

In the winter months temperatures range from 15-60°. In spring the weather is nice with highs between 70-80°. Summer months are hot, highs up to 110°, with nice warm summer nights. In the fall it cools down with temperatures back around 70-80 degrees.

What should I wear when I come to LVI?

Business casual. We tend to keep the building cold so you might want to bring a light sweater.

What should I wear if I am treating a patient in the clinic?

Just as you would in your office, appropriate Clinical Attire is expected at LVI. Attire should conform to OSHA/CDC guidelines and regulations, and should include protection like closed toed shoes for all of the team in the clinical setting.

Is food served at LVI?

A continental breakfast is served at 7:00 each morning and lunch is provided each afternoon. Snacks are also available throughout the day.

How far is the Las Vegas Strip from LVI?

Approximately 12 miles. It could take up to 30 minutes with traffic.

Do you provide transportation to LVI?

LVI provides transportation *only* from the J.W. Marriott and The Red Rock Hotels. Check with the Bell Stand for pick up times on course days.

Where do I check-in when I first arrive at LVI?

For every course you attend at LVI, you must check-in on the first day in the **Hillwood Building (Building with the purple rotunda)**. You will be directed to breakfast at registration.



CE Information

How many CE hours can I expect to receive from this course?

After completing this program, you will receive a CE form of the appropriate AGD approved continuing education credit hours. These credits represent the lecture and participation portion of the course.

When will I receive my CE credits?

Your CE form will be presented along with your attendance medallion and/or letter. Please keep a copy of this form in your office records.

Does LVI submit my CE credits for me?

We will submit your CE credits to the AGD if you provide us with your AGD number. It is your responsibility to keep the CE form indicating your credits on file in your office and, if necessary submit your CE hours to the appropriate organization(s) (i.e.: your state/territory, etc.).

What happens if I lose my CE letter?

Once you receive your CE form, hold on to your originals and send copies when submitting your organizations. If your original letters are misplaced, LVI must charge a \$30.00, per course, processing fee for necessary research. Replacement CE letters can take up to 3 weeks to receive.

Educational Objectives:

The educational objectives for this course are for the participants to be able to:

- ▶ Accurately equilibrate a case for maximum function.
- ▶ Understand and the epitome of care and treatment that a restorative dentist can provide patients.
- ▶ Identify parameters of good joint health.
- ▶ Understand the use of K-7 to optimize diagnosis and treatment planning.
- ▶ Utilize good communication practices between the doctor and the laboratory.
- ▶ Utilize best practices in providing rapid full mouth cementation.