



# **THE NEUROMUSCULAR LABORATORY TECHNICIAN**

## **Course Preparation Materials**

**Dear LVI Attendee,**

**Congratulations on making a decision that will change your life. By attending this program at the Las Vegas Institute for Advanced Dental Studies, you have begun the process that will dramatically increase your enjoyment of your profession.**

**For your review, please find enclosed pre-course preparation requirements and a list of materials to bring to the course. Please do not hesitate to call if you have any questions.**

**Sincerely,**

A handwritten signature in cursive script that reads "Michael A. Milne".

**Mike Milne CDT**

# Course Preparation Procedures

The principles presented in this course will provide the skills, knowledge and techniques to successfully deliver neuromuscular prosthetics. The rapid growth of neuromuscular dentistry has placed new demands on dental technicians, because of the use of high tech computerized neuromuscular instrumentation. The neuromuscular technician is aware that the shift from pathology to health is a documental change using well-established biomedical technologies. Electromyography (EMG), electrosonography (ESG) and dynamic range of motion studies computerized mandibular scanning (CMS) measuring jaw function and position give the neuromuscular dentist and technician edge insights into the stomatognathic system that are unseen by the clinical eye. Low frequency TENS will facilitate masticatory muscle relaxation prior to bite registration and occlusal restoration fabrication. These techniques are of paramount importance to the neuromuscular team.

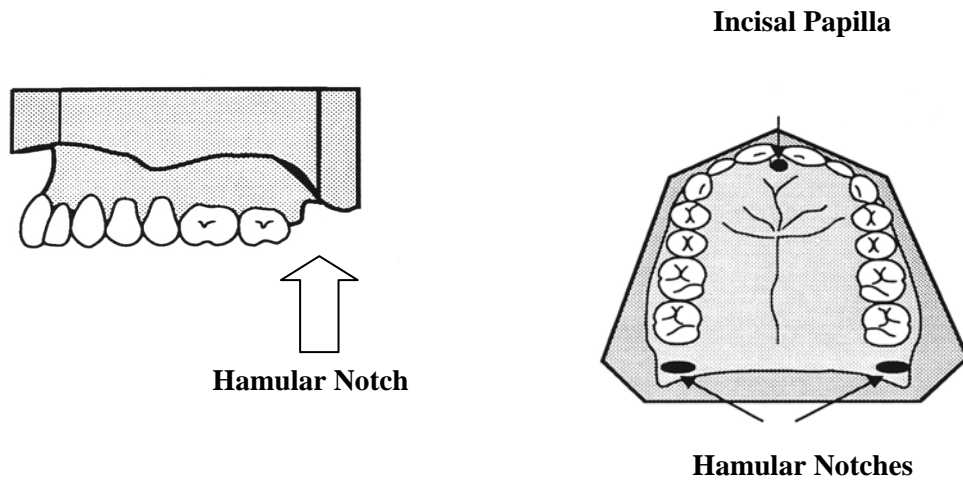
Doctors who implement NM principles demand “physiologic” restorations and orthopedic appliances. Only properly trained dental technicians who understand these simple scientific and proven bio-physiologic concepts should fabricate these appliances. The neuromuscular trained dental technician is an essential part of the elite LVI Dental Team.

# Course Preparation Materials

Please bring with you:

1. Each Attendee will need to bring 2 full sets of high quality models of their own mouths. No pulls or distortions, please. **The models must be poured in die stone and include the HIP (hamular notches).**

**Note: Upper models must include hamular notches and incisal papilla.  
(PLEASE DO NOT TRIM THEM OFF).**



# Armamentarium Needed

## LAB OWNERS & ATTENDEES:

PLEASE BE SURE EACH ATTENDING TECHNICIAN RECEIVES A COPY OF THIS PACKAGE AS THERE ARE ITEMS THEY NEED TO PREPARE FOR PRIOR TO ATTENDING THE NEUROMUSCULAR LABORATORY TECHNICIAN.

2. Each Attendee will need to bring 2 full sets of high quality models of their own mouths. No pulls or distortions, please. The models must be poured in die stone and include the HIP (hamular notches) see attachment.
3. Wax carvers, loops, eye wear protection and anything you feel you may need to wax an LVI Orthotic.

### **\*\*\*\*\*IMPORTANT\*\*\*\*\***

**IF YOU ARE A CDT OR RDT, YOU MUST BRING YOUR CERTIFICATION CARD OR NUMBER TO THE COURSE IN ORDER TO RECEIVE CE CREDITS.**

*\*Some of these items may not be allowed as carry-on luggage. We recommend that you have any bags with instruments checked and do not carry them onto the plane or ship to LVI attention: Mike Milne.*

# Travel Information

For all of your travel arrangements, please call Jeri our in-house travel manager, LVI Travel at (877) 805-3388. LVI Travel will introduce you to the most attractive hotel, airfare and car rentals available in Las Vegas. **Ask about our special rates in Summerlin The Red Rock Resort and Spa, JW Marriott Resort and Spa, and The Suncoast Hotel and Casino and the non-gaming Trump Towers on the strip.** Travel expenses are not included in your tuition.

# Course Change & Cancellation Policy

Registration 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 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.

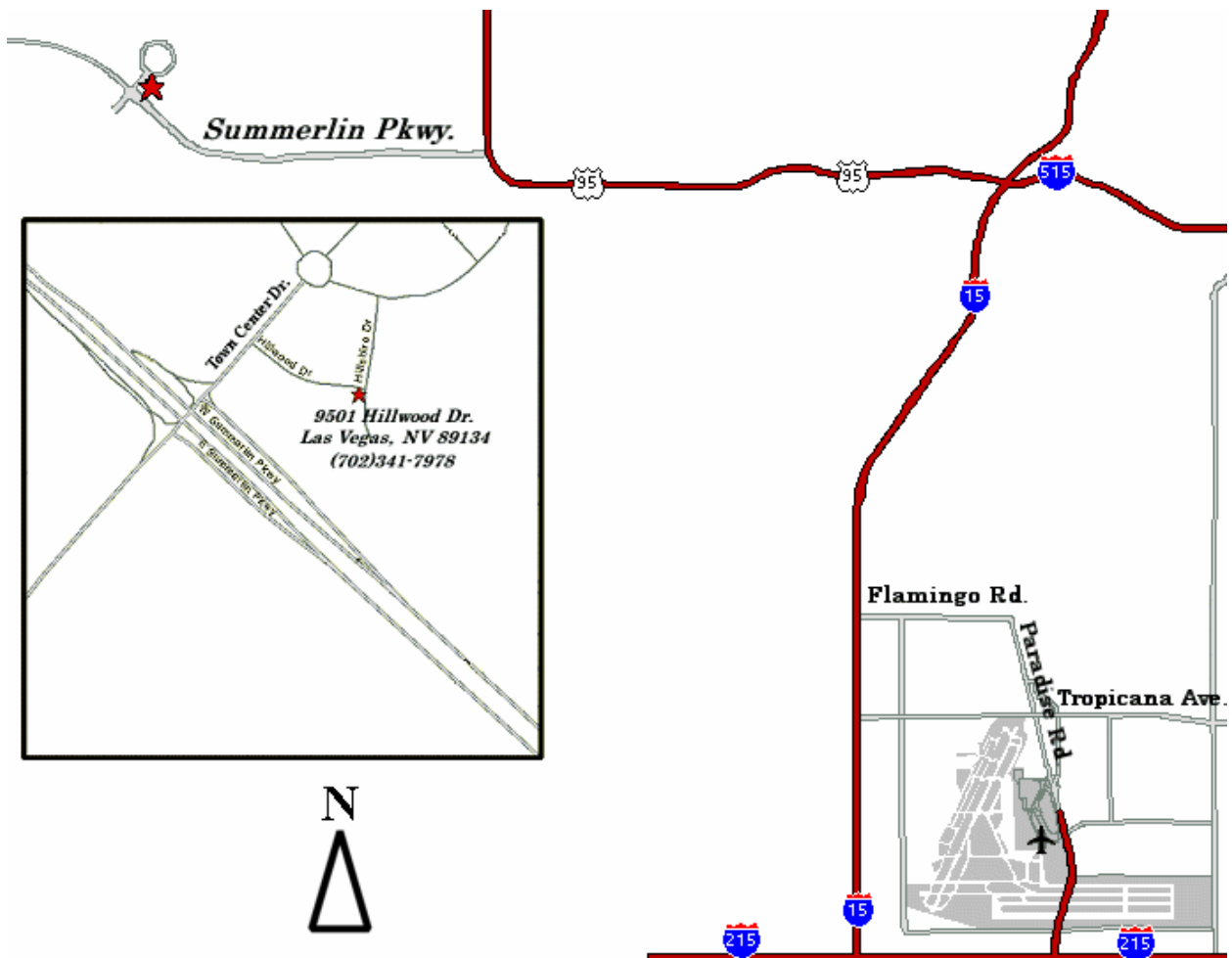
(The following do not apply if moving from TBD status to date selection)

- 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.

# Directions to LVI

## Directions: McCarran Airport/Strip to LVI (Las Vegas Institute)

- Take the airport connector to **Paradise Road** head north to **Tropicana Ave**
- Make left turn on Tropicana to **I-15 North** (right turn)
- Continue North to **I-95 North** exit (head West toward Reno/Tonopah)
- Take the **Summerlin Parkway** exit
- Continue West and exit at **Town Center Drive**
- Turn right at the stop light onto **Town Center Drive**
- Take an **immediate** right at the first street (**Hillwood**)
- The institute is located on the right hand corner of **Hillwood** and **Hillshire**
- Address: **9501 Hillwood, Las Vegas, NV 89134**  
**Phone: (888) 584-3237 or (702) 341-7978**



# Proposed Course Schedule

## NEUROMUSCULAR LABORATORY TECHNICIAN

### DAY ONE

8:00 – 5:00

12:00-1:00 Lunch

5:00–5:45 Cocktail reception

#### TOPICS:

- What is Neuromuscular Dentistry?
- TENS/Myomonitor.
- Electromyography (EMG), Jaw Tracking (CMS), and Electrosonography (ESG).
- What is a Neuromuscular Dental Technician?
- Fabrication of a myocentric bite.
- Managing myobites.
- The secret of neuromuscular occlusion.
- The importance of micro-occlusion.

### DAY TWO

8:00-5:00

12:00-1:00 Lunch

#### TOPICS:

- Mounting and fabrication of a NM anatomical orthotic.

### DAY THREE

8:00-5:00

12:00-1:00 Lunch

#### TOPICS:

- The difference between CR and NM in the lab.
- How to guide your doctor to the perfect mounting.
- Applying the NM concepts in your diagnostic wax-ups.
- Orthotic, transfer bite, NM pre-operative wax-up, temporary matrix – THE LVI PRE-OPERATIVE NEUROMUSCULAR PACKAGE.

# Frequently Asked Questions

**Q: What is the weather like in Las Vegas?**

**A:** In the winter months (December through mid-March) temperatures range from lows around 15° with highs up to 60°. In spring (mid-March through May) the weather is nice with highs between 70-80°. Summer months (June through mid-September) are hot, highs up to 110°, with nice warm summer nights. In the fall (mid-September to November) it cools down with temperatures back around 70-80°.

**Q: What should I wear when I come to LVI?**

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

**Q: Is food served at LVI?**

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

**Q: How far is the Las Vegas Strip from LVI?**

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

**Q: Do you provide transportation to LVI?**

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

**Q: If I take a cab, what do I tell the driver?**

**A:** Take I-15 north to I-95 North to Summerlin Parkway. Exit right on Town Center Blvd and take the first right on Hillwood Dr. (see “Directions to LVI” in this booklet for more detailed directions).

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

**A:** For every course you attend at LVI, you must check-in on the first day in the Hillwood Building (the main building). However breakfast will be served in the Bistro located in the Hillshire Building (the new building).

## Amenities

Nationally Certified Massage Therapist, Rachel Marcus, may be on-site at LVI for your convenience. Call (702)232-1019 for an appointment. Cash or checks accepted.

# CE Information

## Important Information Regarding Your Continuing Education Credits

### How Many CE Hours Can I Expect to Receive From This Course?

After completing this program, you will receive a verification letter of the appropriate AGD approved continuing education hours. These credits represent the lecture and participation portion of the course. **Your AGD number must be on file at LVI in order for us to file your education credit hours with the AGD.** You are required to complete information regarding AGD number and membership on the sign in sheet for each course. If that information is not completed, your education hours will not be sent to AGD.

### When Will I Receive My CE Credits?

Your CE form will be presented along with your plaque. Please copy the form and submit it to your governing agency.

### Does LVI Submit My CE For Me?

Yes but only if you provide us with your AGD membership verification and your AGD number. It is your responsibility to keep the letter indicating your credits on file in your office and, if necessary submit your CE hours to the appropriate organization (i.e.: your state/territory, etc.).

### What Happens If I Lose My CE Form?

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

### Educational Objectives:

*Upon the completion of this course, participants should be able to:*

1. Identify the difference between CR and NM in the lab
2. Understand management of myocentric occlusion
3. Fabricate a myocentric bite
4. Provide an orthotic, transfer a bite complete a pre-operative wax-up , temporary matrix and comprehensive preoperative neuromuscular package
5. Apply the neuromuscular concepts in diagnostic wax-ups