

Local Anesthesia

This course will provide dental hygienists with the basic concepts of local anesthesia. Course participants will engage in safe and effective administration of local anesthetics under direct supervision of a licensed Ohio dentist. Participants must, within 18 months of completion of this course, successfully complete an Ohio State Dental Board-approved state or regional written examination on local anesthesia.

COURSE OBJECTIVES

- Discuss the theory of pain and pain control
- Understand the neurophysiology of pain perception and reaction
- Discuss psychological aspects of pain control
- Locate and identify the anatomical structures for the needle penetration sites for each injection on a skull and on a patient
- Identify all nerve branches of the fifth (trigeminal) cranial nerve
- Discuss nerve blocks and infiltration
- Differentiate the pain control modalities and proper selection
- Understand the pharmacology of local anesthetic agents and vasoconstrictors
- Complete a dental and medical health history for a patient
- Discuss and be able to avoid systemic complications and local complications from local anesthetic administration
- Practice proper infection control throughout all clinic exercises
- Prepare and demonstrate the correct use of local anesthetic armamentarium
- Demonstrate correct topical anesthetic application for each injection site
- Demonstrate the correct needle placement, needle size, depth of needle penetration and amount of solution to administer
- Be able to respond to any medical emergency related to local anesthetic administration
- Give proper post-operative instructions
- Record the local anesthesia procedure in the patient's treatment record



Participant Fee

\$900.00 per person

The per person fee includes all instruction and clinical coursework. The course manual and supplies, with the exception of a few items listed below, are also included in the participant fee.

You must also wear or bring:

- Closed-toe shoes
- Safety glasses
- Treatment jacket
- Metal syringe (must be autoclavable, breach loading and aspirating)
- Current dental hygienist license

Non-Profit Org.
U.S. Postage
PAID
Lima, OH 45804
Permit 66



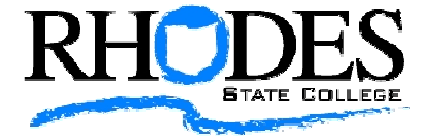
Optional Textbook

Malamed, S., Handbook of Local Anesthesia, St. Louis: Mosby, 5th edition, 2004.

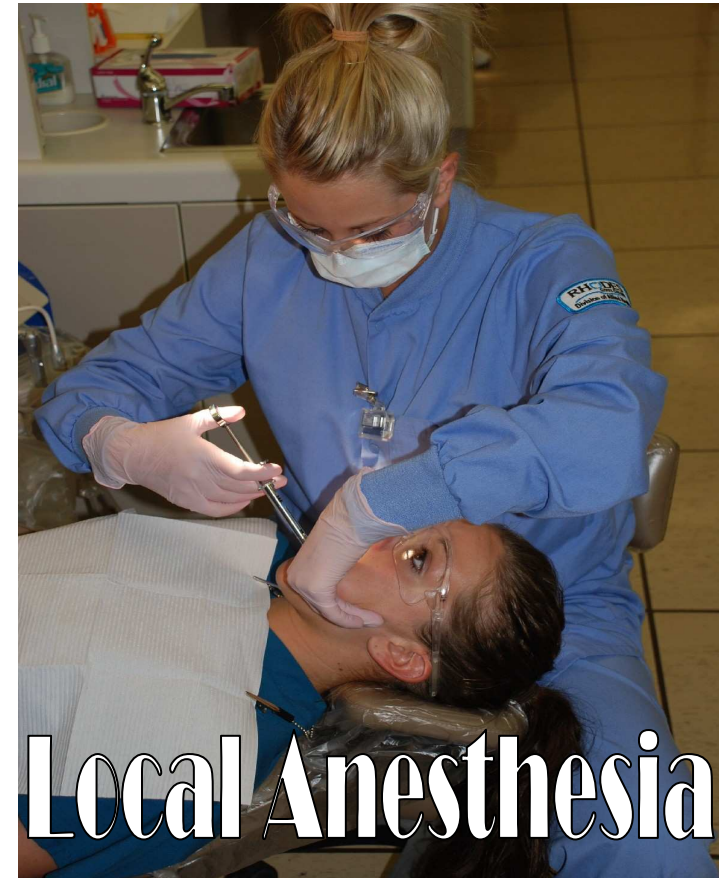
You are responsible for purchasing this textbook, if you so choose. This text is an additional source of information only and will not be a required course reference.

The text will not be made available for purchase in the Rhodes State Campus Bookstore.

Solutions, etc...
Workforce, Economic Development
and Continuing Education Division
Rhodes State College
4240 Campus Drive
Lima, OH 45804
L-139



A Four-Day Seminar for the Dental Hygienist



presented by
The Dental Hygiene Program
and
Solutions, etc...

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One Seminar Scheduled
To begin July 8, 2011

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Pre-Registration Required
All classes will be held at Rhodes State College, Lima



LOCAL ANESTHESIA

Name: _____
 (office use) ID#: _____
 Address or Box #: _____

 City, State and Zip Code: _____

 County of Residence: _____
 Work Phone #: _____
 Home Phone #: _____
 (optional) Email: _____

One section to attend:

#L3414A (July 8, 9, 15 and 16, 2011)

Fee

\$900.00 per person
 (Sorry, payment plans are not available)

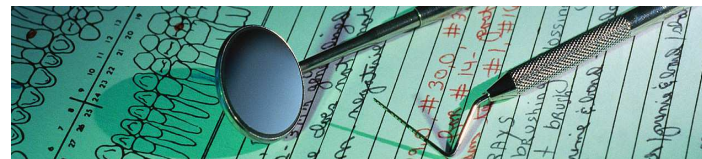
Full payment of fees is appreciated before your class start date

Payment Options

Check Enclosed (payable to Rhodes State College)
 Purchase Order #: _____
 (Or attach PO to registration form)
Please read our invoicing policy
 Credit Card:
 VISA MasterCard Discover Card
 Name as it appears on card: _____
 Card Number: _____
 Expiration Date: _____
 3-digit security code: _____

3 EASY WAYS TO REGISTER

- (1) MAIL IN REGISTRATION FORM**
 Solutions, etc...
 Rhodes State College
 4240 Campus Drive, Lima OH 45804
 Checks payable to Rhodes State College
- (2) FAX IN REGISTRATION FORM**
 (419) 995-8096
 Please specify payment method
- (3) PHONE IN YOUR REGISTRATION**
 (419) 995-8406
 8:30am to 4:00pm, weekdays



Registration deadline is 10 days before the scheduled start date. Seating is limited so we encourage early registration.

Registration confirmation will be sent by U.S. mail at least one week prior to your class start date. The confirmation includes a campus map and the location of your class.

Refund, Cancellation & Invoicing Policies

- You can withdraw from a course up to 3 days before the start date. A \$50 fee applies to any such cancellation.
- You will be charged 50% of the fee for cancellation within 3 days of the start date.
- No refunds are issued for no-shows. Substitutions are welcome.
- A \$5 service charge will be added in any instance Solutions, etc... invoices for payment of fees.
- A \$25 late payment charge will be imposed for non-payment of an invoice within the payment terms given on the invoice. Typical payment terms are net 30 days.

INSTRUCTOR BIO Richard R. Ramsey, D.D.S

Dr. Ramsey has been an instructor in dental hygiene at Rhodes State College since 1979. Presently he is a full-time assistant professor. Dr. Ramsey teaches all of our Local Anesthesia courses. Some additional accolades include:

- Carroll College graduate, 1968
- University of Detroit Mercy, School of Dentistry graduate, 1972
- Periodontology Internship, U.S. Army, 1972-1974
- Honorary member of Sigma Phi Alpha — National Dental Hygiene Honor Society
- Honorary member of Northwestern Ohio Dental Hygienists' Association
- American Dental Association member
- Ohio Dental Association member
- Northwestern Ohio Dental Society member



This course is approved by the Ohio State Dental Board. Twenty-nine (29) CEUs will be awarded for course completion.

2011 COURSE SELECTIONS

A #L3414A
 Meets on Fridays and Saturdays:
 July 8, 9, 15 and 16, 2011
 Class size limited to 24 participants

Additional sessions may be added later this year. Please contact April Sybert for more information.
 (419) 995-8406
 Sybert.A@RhodesState.edu

COURSE SCHEDULE

Day 1	
8am to 12pm	Lecture: Neurophysiology, Pharmacology of Local Anesthetics and Vasoconstrictors
12 to 1pm	LUNCH
1 to 3pm	Lecture: Armamentarium and Clinical Actions of Local Anesthetics
3 to 5pm	Lab: Blood Pressure Recording and Syringe Assembly
Day 2	
8am to 12pm	Lecture: Maxillary Injection Techniques, Local and Systemic Complications
12 to 1pm	LUNCH
1 to 2pm	Lecture: Topical Anesthetic and Review Maxillary Sites
2 to 5pm	Clinic: Maxillary Palatal Injections
Day 3	
8am to 12pm	Lecture: Physio/Psychological Patient Evaluation and Mandibular Injection Techniques
12 to 1pm	LUNCH
1 to 2pm	Lab: Review Maxillary Injections
2 to 5pm	Clinic: Maxillary Injections
Day 4	
8 to 9am	Lab: Review Mandibular Injections
9am to 1pm	Clinic: Mandibular Injections
	Course Evaluation; Certificates of Completion Distributed