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

"NEW" LA Clinical Refresher

Have you completed the 29-hour course but feel you need more practice with injections? Now you can join us for only the scheduled lab/clinical portions and practice under the supervision of our instructors! To register, designate your preference on the registration form:

#L3417A — Attend only Friday, May 17, 1 to 5pm
Cost: $100 per person

#L3417B — Attend only Sat., May 18, 8am to Noon
Cost: $100 per person

#L3417C — Attend both May 17 and 18
Cost: $185 per person

You must wear or bring the items listed above. We do also require proof of completion of the 29-hour course if you did not complete it at Rhodes State.

Certificates of completion and CEUs will not be issued for refresher participants.

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.

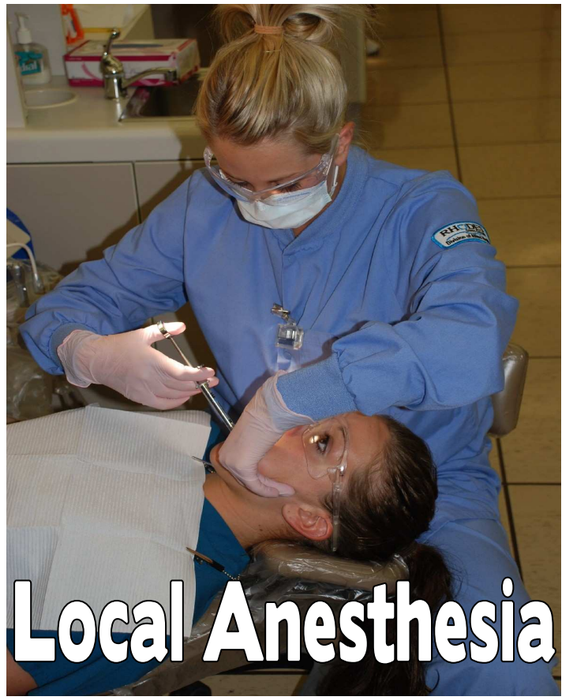
Non-Profit Org.
U.S. Postage
PAID
Lima, OH 45804
Permit 66

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

L-139

RHODES STATE COLLEGE

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 May 10, 2013
and
"New" Hands-on Clinical Refresher
to begin May 17, 2013

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

LOCAL ANESTHESIA

Name: _____

(office use): _____

O Home O Company
Address or Box #: _____

_____

City, State and Zip Code:

_____

County of Residence: _____

Work Phone #: _____

Home Phone #: _____

Email:

_____

Mark one section to attend:

O #L3414B — 29-hr Local Anesthesia Course
May 10, 11, 17 and 18, 2013
Fee: $900.00 per person

O #L3417A — Clinical Refresher, May 17 only
Fee: $100.00 per person

O #L3417B — Clinical Refresher, May 18 only
Fee: $100.00 per person

O #L3417C — Clinical Refresher, May 17 and 18
Fee: $185.00 per person

Full payment of fees is appreciated before your class start date

Payment Options

O Check Enclosed **(payable to Rhodes State College)**

O Purchase Order #: _____
(Or attach PO to registration form)
Please read our invoicing policy

O Credit Card:
VISA MasterCard Discover Card

Name as it appears on card:

_____

Card Number:

_____

Expiration Date: _____

3-digit security code: _____

4 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

(4) EMAIL YOUR REGISTRATION

Complete then scan the registration panel.
Email it to Sybert.A@RhodesState.edu

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; $15 fee for Refresher participants.
- 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 associate professor. Dr. Ramsey teaches all of our Local Anesthesia courses. Some additional accolades include:

- Periodontics Intern, 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.

2013 COURSE SELECTIONS

B

#L3414B - 29-hr LA Course

Meets on Fridays and Saturdays:
May 10, 11, 17 and 18, 2013
See agenda for class times

Class size limited to 24 participants

Additional sessions may be added later this year.

Other Upcoming Courses:

Nitrous Oxide Sedation: April 13, 2013
OHASP: June 7, 2013
7-hr Oral Radiography Lecture: August 24, 2013
Nitrous Oxide Sedation: September 14, 2013

Brochures forthcoming! Or contact April for more information:

(419) 995-8406
Sybert.A@RhodesState.edu
www.RhodesState.edu/wedce

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