

# Inhalation and Minimal Oral Sedation

- ✓ Nitrous Oxide and Oxygen Certification
- ✓ Minimal Oral Sedation Certification
- ✓ Nitrous Oxide Monitoring Certification

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**Jason H. Goodchild, DMD**

**June 2-3, 2018**



**Lecture & Hands-on**



## Course Description

This two day hands-on course offers instruction in all aspects of nitrous oxide/oxygen inhalation, and adult minimal oral sedation including effective methods in dealing with anxiety control in general practice. Participants will learn various techniques and will have the opportunity to try several types of systems.

This two day course is designed to meet the criteria, standards and guidelines of the American Dental Association, and comply with all regulations from the Texas State Board of Dentistry for the teaching and administration of nitrous-oxide/oxygen analgesia, adult minimal oral sedation, and nitrous oxide monitoring. Both days will include topics surrounding inhalation and adult oral sedation, however, day 1 (Saturday) will focus on nitrous oxide/oxygen sedation and includes the nitrous monitoring certification, while day 2 (Sunday) is designed to focus on adult minimal oral sedation with or without the use of nitrous oxide/oxygen.

## Course Objectives

As a result of completing this course you will be able to:

- Review the pharmacology of nitrous oxide/oxygen and oral sedatives
- Understand the equipment needed and the maintenance required for nitrous oxide/oxygen equipment
- Understand proper patient selection for nitrous oxide/oxygen, oral minimal sedation, and combined nitrous oxide/oxygen and oral minimal sedation
- Discuss the relevant anatomy and physiology for nitrous oxide/oxygen, oral minimal sedation, and combined nitrous oxide/oxygen and oral minimal sedation
- Understand the appropriate physiologic monitoring equipment needed
- Understand protocols for nitrous oxide/oxygen and oral minimal sedation
- Understand the importance of nitrous oxide/oxygen scavenging and the risks of contamination

**Part 1 — Saturday, June 2, 2018. Topics to include:**

- Applied Physiology & Anatomy of Respiration
- Patient Assessment and Risk Management
- Indications and contraindications for the use of Nitrous Oxide
- Physiologic Monitoring for Nitrous Oxide and Oral Sedation
- Nitrous Oxide and Oxygen Pharmacology
- Nitrous Oxide Equipment: Plumbed and Portable
- Nitrous Oxide Incremental Administration Techniques
- Nitrous Oxide Contamination and Scavenging, When Fail-Safe Isn't Safe
- Nitrous Oxide and Minimal Oral Sedation Regulations and Other Regulatory Considerations

**Part 2 — Sunday, June 3, 2018. Topics to include:**

- Clinically-Useful Pharmacology
- Pharmacology of Oral Sedatives and their Utilization with Nitrous Oxide
- Minimal Adult Oral Sedation Protocols and Patient Management
- Pain Mechanisms and Appropriate Analgesic Prescribing
- Nitrous Oxide Rapid Induction Administration Techniques
- Local Anesthesia Review and Update
- Keeping Patients Safe: The Dental Emergency Kit
- Keeping Patients Safe: Flumazenil & Naloxone
- Avoiding Drug Interactions

# Instructors

**Dr. Mark Donaldson** received his baccalaureate degree from the University of British Columbia, and his Doctorate in Clinical Pharmacy from the University of Washington. He has further completed a residency at Canada's largest tertiary care facility, Vancouver General Hospital, and is the current Director of Clinical Pharmacy Performance Services for VHA, living in Whitefish, Montana. Dr. Donaldson is a Clinical Professor in the Department of Pharmacy at the University of Montana in Missoula, and Clinical Associate Professor in the School of Dentistry at the Oregon Health & Sciences University in Portland, Oregon. He has a special interest in dental pharmacology and has lectured internationally to both dental and medical practitioners. He has spent the last twenty years focusing on dental pharmacology and the art of dental therapeutics, and has become a leader in this field of study. Dr. Donaldson has a number of published works in the peer-reviewed literature and spent three years in Japan focusing on cross-cultural communication and internationalization. He currently serves on the Editorial Board for the *Journal of the American Dental Association*. He is board certified in healthcare management and is the past-President of the American College of Healthcare Executives' Montana Chapter. Dr. Donaldson was named as the 2014 recipient of the Bowl of Hygeia for the state of Montana and is the 2016 recipient of the Dr. Thaddeus V. Weclaw Award. This award is conferred upon an individual who has made outstanding contributions to the art and science of dentistry and/or enhanced the principles and ideals of the Academy of General Dentistry.

**Dr. Jason Goodchild** is a graduate of Dickinson College in Carlisle, PA. He received his dental training at the University Of Pennsylvania School Of Dental Medicine. Dr. Goodchild is the Director of Clinical Affairs at Premier Dental Products Company in Plymouth Meeting, PA. He is Associate Clinical Professor in the Department of Diagnostic Sciences at Creighton University School of Dentistry (Omaha, NE). He has published numerous articles and lectures internationally on the topics of treatment planning, treatment of medical complex patients, restorative dentistry, pharmacology, emergency medicine in dentistry, enteral sedation dentistry, and dental photography. He has been an invited speaker for the Academy of General Dentistry and American Association of Dental Examiners. He is a reviewer for the *Journal of the American Dental Association*, *General Dentistry*, and *Quintessence International*. Dr. Goodchild maintains a private general dental practice in Havertown, PA

## Disclosures:

- This course is Endorsed by the University of Washington Office of Continuing Dental Education, an ADA CERP and CODA-Accredited Provider
- Drs. Donaldson and Goodchild have no relevant financial relationships to disclose.
- The staff of the University Of Washington Office Of Continuing Dental Education have no relevant financial relationships to disclose.

# Course Logistics

**DATE:**

Saturday and/or Sunday, June 2-3, 2018

(Nitrous Monitoring Course Saturday only, Nitrous Oxide Certification and Minimal Oral Sedation Certification Saturday AND Sunday)

**TIME:**

8am-5pm both days

**LOCATION:**

Saturday and Sunday:                      Patterson Dental  
405 S. Nolen Dr. #100  
Southlake, TX 76092

**CEU's: 8 per day, 16 total**

**TARGET AUDIENCE:**

This course is applicable for dental assistants and dental hygienists interested in attaining the nitrous oxide monitoring certification, and dentists interested in nitrous oxide & oxygen analgesia or minimal oral sedation certification.

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