



Nitrous Oxide/Oxygen Inhalation Sedation

Fall 2025

Pre-course assignments: October 1-November 14, 2025

Onsite clinical training: November 15, 2025

Video Presentations and Assignments

Jill Hormann, BSDH, MSDH

Pre-course videos to view:

- Pain & anxiety management
- Legal considerations
- Levels of sedation
- Nitrous oxide and its interaction with the body
- Nitrous oxide effects
- Needs assessment
- Indications and contraindications for use
- Manufacturing and distribution of nitrous oxide equipment; equipment maintenance
- Preparation and administration of nitrous oxide sedation, delivery technique, and potential complications
- Nitrous oxide sedation in pediatric patients
- Environmental/occupational concerns and prevention

Pre-course reading: *Handbook of Nitrous Oxide and Oxygen Sedation*

Morris S. Clark and Ann L. Brunick

Case Study Assignment

Pre-course case study and open-book analysis

Clinical On-site Training – Moos Tower, School of Dentistry

November 15, 2025

Jill Hormann, BSDH, MSDH

Session A: Saturday morning

Session B: Saturday afternoon

- Orientation to the clinic
- Clinical demonstration
- Clinical administration, monitoring and feedback

Meet Our Course Director

Jill Hormann, BSDH, MSDH, Clinical Assistant Professor, Division of Dental Hygiene, Department of Primary Dental Care, University of Minnesota School of Dentistry.

Disclosure Summary

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Continuing Dental Education Staff members have nothing to disclose.

The following information was received from our speakers for this course. It is not assumed these financial interests or affiliations will have an adverse impact on course presentations. They simply are noted here to fully inform course participants.

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This course is eligible for AGD Mastership credit in anxiety & fear in dentistry and anesthesia & pain management, should you choose to self-report to the Academy of General Dentistry.