

Nitrous Oxide/Oxygen Inhalation Sedation

Fall 2026

Pre-course assignments: September 30 – November 13, 2026

Onsite clinical training: November 14, 2026

Video Presentations and Assignments

Jenny Miller, MSHA, BSDH, RF

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

Jenny Miller, MSHA, BSDH, RF

Session A: Saturday morning

Session B: Saturday afternoon

- Orientation to the clinic

- Clinical demonstration

- Clinical administration, monitoring and feedback

Meet Our Course Director

Jenny Miller, MSHA, BSDH, RF, Clinical Assistant Professor, Division of Dental Hygiene, Department of Primary Care, University of Minnesota School of Dentistry.

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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.