

Advanced Graduate Certificate in Dental Anesthesia

Plan of Study

Didactic Components:

1. Applied biomedical sciences foundational to dental anesthesiology
2. Physical diagnosis and evaluation
3. Behavioral medicine
4. Methods of anxiety and pain control
5. Complications and emergencies
6. Pain management
7. Critical evaluation of literature.

Clinical Components:

Program residents will complete a minimum of:

1. Eight hundred (800) total cases of deep sedation/general anesthesia to include the three hundred (300) intubated general anesthetics of which at least fifty (50) are nasal intubations; and twenty-five (25) incorporate advanced airway management techniques. No more than ten (10) of the twenty-five (25) advanced airway technique requirements can be blind nasal intubations.
2. One hundred and twenty-five (125) children aged seven (7) and under.
3. Seventy-five (75) patients with special needs, and clinical experiences to competency in managing ambulatory patients, geriatric patients, patients with physical status ASA III or greater, and patients requiring moderate sedation.

General Anesthesia Experience:

Residents will be assigned to the University Medical Center of Southern Nevada (UMC) during the entirety of their first two years. Under the guidance of physician anesthesiologists, they will provide the full spectrum of sedation and anesthesia in the operating rooms there.

Outpatient Anesthesia for Dentistry:

Residents will be exposed to dental school and office-based anesthesia during the first two years of the program. The entire third year of the program is outside the hospital operating rooms. Residents will spend time providing sedation and anesthesia to the full spectrum of dental procedures in the dental school with dentist

anesthesiologists attendings. The majority of the third-year the residents will be on a mobile, office-based anesthesiology rotation where under the direct supervision of dentist anesthesiologist attendings they will provide the full spectrum of sedation and anesthesia to patients in dental offices.

Medicine Rotations:

Residents will participate in medicine rotations consisting of one month each of Internal Medicine and Intensive Care during their first year and two months of Pediatrics in their second year.

Literature review sessions will be conducted monthly for the duration of the program. Residents will engage in at least one (1) month of scholarly activity and present their results in a scientific and/or educational forum.