

Competency Verification Record (CVR)

Nitrous Oxide Preparation and Monitoring-RN

UVA Health Ambulatory Dentistry Clinic

Employee Name: _____ Employee ID #: _____ Date: _____

Disclaimer: Competency Verification Records (CVR) are temporarily stored in the Department's competency filing system until completion has been recorded on a permanent competency form (e.g., OCA, ACR). The CVR requires a validator's signature.

Transfer of CVR to Permanent Record: With this record of a validated competency, the preceptor, Dept. NEC, manager, or their designee locates the matching competency statement on the Annual Competency Record (ACR), Orientation Competency Assessment (OCA) Regional Competency Assessment (RCA), or Department Specific Competency (DSC) form. *(If the statement is not present, it can be written-in.)* The competency statement is then initialed and dated as complete.

Competency Statement:	Demonstrates nitrous oxide preparation and monitoring.	
Validator(s):	Dentist or RN already deemed competent in nitrous oxide preparation and monitoring.	
Validator Documentation Instructions:	Validator documents method of validation (below) and initials each skill box once completed and places their full name, signature, and completion date at the end of the document.	
Method of Validation: (Place any required methods for this competency in bold)	DO	Direct Observation – Return demonstration or evidence of daily work.
	T	Test: Written or oral assessments, surveys or worksheets, passing grade on a CBL test.
	S	Simulation
	C	Case Study/ Scenarios: Create/share a story of a situation then ask questions that capture the nature of the competency that is being referenced.
	D	Discussion: Identify questions related to a competency and ask orientee to provide an example of their real-life experiences.
	R	Reflection: A debriefing of an actual event or a discussion of a hypothetical situation.
	QI	Quality Improvement Monitoring: Audits or compliance checks on actual work or documentation to ensure the competency is completed.
	N/A	If the specific product or process step is not used in the respective area or by the respective role, then this step is deemed N/A.
Validation Instructions:	Please make yourself familiar with VA law in reference section and follow CVR for validation.	

Demonstrated Skill Behaviors for Competency (Critical Behaviors in Bold)	Method of Validation	Evaluator's Initials
Verifies written consent for use of nitrous oxide		
Verbalizes where to locate sedation procedures and policies		
Prepares procedural room by assembling essential equipment (including emergency equipment), the porter flowmeter, and sterile pediatric/adult nasal mask, liner, and connectors		
Demonstrates adherence to safety and hygiene protocols in the setup of medical instruments		
Inspects all rubber hoses and bladder for airflow patency		
Connects the nitrous and oxygen assembly (e.g., blue and green lines) to the		

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Demonstrated Skill Behaviors for Competency (Critical Behaviors in Bold)	Method of Validation	Evaluator's Initials
wall outlets and verifies there are no audible leaks		
Verifies the bladder is properly attached to the liner and the connectors, which are attached to the hood.		
Connects scavenger tubing to the Hi-Vac suction on the dental cart and turns it to the fully open position		
Checks suction by turning on the oxygen and adjusting the manometer to 40, making certain that the ball is bouncing in the chamber		
Fills the reservoir bag 2/3 full with 100% oxygen by pushing the oxygen flush button		
Troubleshoots oxygen flow to reservoir bag: <ul style="list-style-type: none"> Ensures lines from the wall are open Checks the emergency on/off button at the base of the Flowmeter 		
Checks failsafe: <ul style="list-style-type: none"> Turns Oxygen off Sets nitrous to 70% via meter (should not see any nitrous flow on the flowmeter) Turns nitrous off 		
Monitors patient during procedure and post-procedure by: <ul style="list-style-type: none"> Maintains verbal contact with the patient Monitors respiratory rate and patterns Uses pulse oximetry during procedure 		
Documents on the procedural sedation flowsheet		
Administers a minimum of 5 minutes of oxygen only to the patient to flush out the nitrous before completion of post-recovery therapy.		
Completes room turnover post-procedure: <ul style="list-style-type: none"> Disconnects nitrous and oxygen lines from the wall Removes mask assembly and connectors for cleaning and sterilizing Wipes down flowmeter, coil, and all tubing with approved disinfectant (e.g., CaviCide®) and reattach to dental cart 		

Competency Verified by:

Validator's Name (printed) *Validator's signature* Date: _____

REFERENCES: **18VAC60-21-279. ADMINISTRATION OF INHALATION ANALGESIA (NITROUS OXIDE ONLY)**
[18VAC60-21-279. Administration of inhalation analgesia \(nitrous oxide only\). \(virginia.gov\)](#)