North Dakota State Board of Dental Examiners

PO Box 7246 Bismarck, ND 58507-7246

ANESTHESIA ON-SITE INSPECTION AND EVALUATION FORM FACILITY WITH OTHER ANESTHESIA PROVIDER

DEEP SEDATION AND/OR GENERAL ANESTHESIA

Site Evaluator completes pages 1 – 7 on the day of the	e site evaluation.
NAME OF EVALUATOR [PLEASE PRINT]	
EVALUATOR'S EMAIL ADDRESS	
SITE ADDRESS	
NAME OF PRACTIONER EVALUATED	
PRACITITIONER'S EMAIL ADDRESS	PHONE:
NAME OF PRACTICE	
DOES THE PRACTITIONER UTILZE A SATELLITE LOCATION?	☐ YES ☐ NO Location:
IS THE SITE BEING EVALUATED A SATELLITE OFFICE?	□ YES □ NO
ND DENTAL LICENSE NUMBER	DEA NUMBER
DATE	DATE OF LAST EVALUATION
TIME FRAME OF EVALUATION: START	COMPLETED BY
THIS EVALUATION IS (check one):	LUATION RE- EVALUATION

- ON-SITE EVALUATION: ND licensees who provide sedation or general anesthesia procedures are required to have an evaluation at the location(s) where sedation or anesthesia services are rendered. The evaluation is required for the initial application process and periodically after that; generally every five years unless otherwise noted. It is the applicant's responsibility to schedule site evaluations with a designated anesthesia evaluator. The applicant or permit holder or any dentist utilizing the services of an authorized anesthesia provider and the authorized anesthesia provider must be present during the site evaluation. Dentists utilizing other qualified sedation/anesthesia providers must hold ACLS or PALS certification.
- THE PURPOSE of the evaluations is to assess the patient's anesthetic risk and assess a sites ability to provide emergency care; therefore, the site evaluation emphasizes recognition and management of emergencies, and complications associated with office administration of anesthesia. An initial inspection must be completed within 60 days of the approval of the initial permit application. During that time, a temporary permit may be issued. It is the applicant's responsibility to schedule site evaluations with the Board's designated anesthesia evaluator. It is the Anesthesia Committee's prerogative to suspend privileges if the permit holder's site evaluation is overdue. A temporary permit may be issued prior to the site evaluation in some circumstances.
- **RENEWAL:** Both the sedation permit and the inspection are subject to expiration and renewal. The sedation/anesthesia permit must be renewed biennially, concurrent with the dentist's license renewal. The site evaluation is conducted within 5 years of the previous site evaluation. The NDSBDE accepts the evaluation conducted for the purpose of certification by the American Association of Oral and Maxillofacial Surgeons.
- NON RENEWAL of PERMIT: Late renewals result in the permit expiring and require the dentist to suspend anesthesia and/or sedation services until a reinstatement is completed and formally approved by the Board's Anesthesia Committee. A late fee of \$200 is incurred when the permit renewal is postmarked after the December 31st deadline of odd numbered years.
- **SATELLITE OFFICE:** All offices where sedation services are provided must comply with the minimum standards established by the Board for a sedation practice. Anesthesia or sedation permit holders providing services at satellite clinics are responsible for ensuring that each office location has been evaluated.
- **SITE EVALUATION FEE:** A fee of \$550 shall be paid directly to the evaluator at the time of the evaluation.

QUALIFIED PERSONNEL - Provide to evaluator:

For Deep Sedation/ General Anesthesia: The anesthesia team consists of the surgeon, trained and currently competent in ACLS, and two additional persons trained and currently competent in BLS for Healthcare Providers. The individual designated to monitor the patient's level of sedation should have no other responsibilities.

l. 2.		ACLS Certificate – Provide photocopy of doctors' ACLS certification and PALS Certificate. Provide copy of:
		Completion of an OMFS residency program or advanced dental education program, accredited by the ADA Commission on Dental Accreditation Date of completion
		OR
		Successfully completing a moderate sedation (parenteral or enteral) course as outlined by the ADA's Guidelines for Teaching pain Control and Sedation to Dentists and Dental Students. Submit documentation of 20 managed live patient clinically-oriented experiences.
		Date of completion
3.		Provide photocopy of assisting staff's credentials/CV/training and BLS/CPR/ACLS.
1.		Provide photocopy of patient consent agreement(s) and health history form.
5.		Evaluator: Case history review
REC	CORI	OS - The site evaluator will review random records of patients for whom anesthesia or sedation services were
pro	vide	d. The evaluator will review preoperative, intraoperative, and postoperative anesthesia assessment and
		ring records. Health history of random patients who have been treated in your facility will also be reviewed.
Tre	atm	ent of medically compromised patients will be a point of discussion. The evaluator will check for:
	1.	An adequate medical history of the patient.
	2.	An adequate physical evaluation of the patient.
	3.	Anesthesia records showing: continuous monitoring of the heart rate, blood pressure and
		respiration utilizing electrocardiographic monitoring and pulse oximetry.
	4.	Registration of monitoring every (five) 5 minutes.
	5.	Evidence of continuous recovery monitoring, with notation of patient's condition upon discharge and to whom patient was discharged.
	6.	Accurate recording of medications administered, including amounts and time administered.

OFFICE FACILITY AND EQUIPMENT - List manufacturer of major equipment

7. Records demonstrating length of procedure.8. Records reflecting any complications of anesthesia.

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L. B	3P	Non invasive BP monitor
ā	a	
ŀ	o	
2. E	CG	
á	a	
	o	
3. C	Defib	prillator/Automated External Defibrillator
ā	э	
ŀ	o	
		e Oximeter
á	э	
	o	
i. C	Capn	ography:
ā	a	
	o	

Yes	No N
Yes Yes Yes Yes Yes Yes Yes Yes Yes	No N
Yes Yes Yes Yes Yes Yes Yes	No No
Yes Yes Yes Yes Yes Yes Yes	No No
Yes Yes Yes Yes Yes Yes Yes	No No
Yes Yes Yes Yes Yes Yes Yes	No No No
Yes Yes Yes Yes Yes Yes Yes	No No No
Yes Yes Yes Yes	No No
Yes Yes Yes	No
Yes Yes	No
Yes	
Yes	
Yes	
	N
Yes	
Yes	
	No
20 +h) >+ > = '
ng thea	
Yes	No
Yes	No
	No No
	No
	No
163	140
Yes	No
103	'
Yes	No
	No
Yes	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	es

INFECTION CONTROL – In the past 15 years, numerous publications have described iatrogenic hepatitis C virus (HCV) transmission unrelated to transfused blood products or transplantation procedures. Nearly all were due to unsafe therapeutic injection practices related to multiple dose vials and infusion bags contaminated by reinsertion of used needles/syringes, use of a single needle/syringe for IV medication administration to multiple patients or use of a contaminated finger-stick glucose measurement device on multiple patients. In some situations, syringes or needles used on HCV-infected persons were directly reused on other persons. In others, syringes or needles used on HCV-infected persons were reused to draw medication from a vial or infusion bag; the vial or bag contents were subsequently drawn up and administered to multiple persons. Review http://www.asahq.org

Evaluator: Check credentials of individual(s) responsible for monitoring expiration dates, inventory, log and security of Schedule II and III or Schedule IV drugs.

Comment:

rug log and location of Schedule II and III and Schedule IV drugs: Is the drug cabi	net secured Yes	No
floor?		
GS ADMINISTERED from single dose vials or ampules to multiple patients or combi	ine leftover Yes	No
or later use?		
(or other solution) is not available in the single-dose form and a multiple dose vi	al must be Yes	No
, neostigmine, succinylcholine) are residual contents discarded after single patien	t use?	
oper procedure for multi-dose or single dose vials?	Yes	No
oper procedure for tabs/pills?	Yes	No
an one person present to witness disposal of left over anesthesia drug vials?	Yes	No
ne of drug and the amount wasted documented and initialed by 2 witnesses?	Yes	No
nt of sterilization area:	Yes	No
will review spore test results log. Is spore testing completed and logged weekly?		
its are individually bagged and dated?	Yes	No
esthesia providers or auxiliary personnel reuse needles or syringes either from on	ne patient to Yes	No
r to withdraw medication from a vial?		
ep multiple dose vials in the <i>immediate patient treatment area</i> ?	Yes	No
roper procedure for tabs/pills? Itan one person present to witness disposal of left over anesthesia drug vials? The of drug and the amount wasted documented and initialed by 2 witnesses? The of sterilization area: The will review spore test results log. Is spore testing completed and logged weekly? The are individually bagged and dated? The esthesia providers or auxiliary personnel reuse needles or syringes either from one or to withdraw medication from a vial?	Yes	No N

The **CDC** defines the **"immediate patient treatment area"** to include, at minimum, surgery/procedure rooms where anesthesia is administered and any anesthesia medication carts used in or for those rooms. The CDC indicates that anesthesia drug carts —represent mobile surfaces that can come into contact with body fluids or other soiled materials.

EMERGENCY MANAGEMENT & EMERGENCY SCENARIOS

Respiratory anesthetic emergencies are the most common complications encountered during the administration of anesthesia in both the adult and pediatric patient. Regardless of the depth of anesthesia, a comprehensive review of the patients past and present medical history, NPO status, anesthesia history and physical examination, is critical and represents a degree of prudence that all sedation providers must observe.

Emergency Scenarios — Complete protocols for all scenarios. The DDS/DMD and his/her clinical team must indicate competency (by demonstration or discussion) in treating the following emergencies. If any areas of the Mock Emergency Scenarios need immediate correction, then the Evaluator must keep a record of the systems' failures and write a plan to amend the staff protocol. A second mock drill should be conducted and subsequently evaluated.

Does the site transport the sedation patient via a wheelchair to their car?	Yes	No
Is a wheel chair available	Yes	No
Can the site accommodate a wheeled stretcher/gurney?	Yes	No
Does the site to maintain a level of preparedness in the office setting practicing for emergencies by		No
conducting a "mock code?"		
If "mock code" meetings are conducted, are the meetings documented?	Yes	No
Is an OSHA compliant eye wash station readily available?	Yes	No

SPIRATORY		
	□ Caticfactory	□ Uncaticfoctory
ronchospasm roblem recognition	☐ Satisfactory	☐ Unsatisfactory
Problem recognition Bronchial dilators		
Positive pressure oxygen & airway maintenance		
ositive pressure oxygen & an way maintenance		
Respiratory Complications	☐ Satisfactory	☐ Unsatisfactory
Airway obstruction		
Hyperventilation syndrome		
Problem recognition & monitoring		
Proper patient position		
Oxygen with respiratory support		
Narcotic antagonist when appropriate		
Apnea		
Foreign body obstruction		
aryngospasm	☐ Satisfactory	☐ Unsatisfactory
Problem recognition	□ Jalisiactory	- Olisatistactory
Stop procedure & pack off bleeding		
Evaluation of head position & upper airway		
Suction		
Positive pressure oxygen with a full face mask		
Use of Anectine & appropriate dosage of Anectine		
Airway maintenance		
/omiting/Assiration	□ Catisfactory	□ Uncaticfactory
/omiting/Aspiration	☐ Satisfactory	☐ Unsatisfactory
Problem recognition & proper patient positioning Removal of foreign bodies & adequate suction		
Secure & evaluate adequacy of airway		
Positive pressure oxygen		
Tracheal intubation when necessary		
Recognition of complication of associated		
Bronchospasm		
Activate EMS		
NEUROLOGICAL		
Convulsion/Seizures	☐ Satisfactory	☐ Unsatisfactory
Problem recognition & etiology		
Patient position & supportive measures		
Anticonvulsant drug therapy		
ALLERGY		
Allergic Reaction	☐ Satisfactory	☐ Unsatisfactory
Alinor & Anaphylactic	,	•
mmediate & Delayed		
Epinephrine -Vasopressors		
Bronchodilators -Antihistamines		
Corticosteroids		

CARDIOVASCULAR		
Syncope	☐ Satisfactory	☐ Unsatisfactory
-Problem recognition -Patient position -Oxygen -Drug therapy		
Hypotension/Hypertension	☐ Satisfactory	☐ Unsatisfactory
-Problem recognition; preoperative pulse & blood pressure -Patient position -Oxygen -Continuous monitoring & recording -Drug therapy		
Angina Pectoris (chest pain):	☐ Satisfactory	☐ Unsatisfactory
-Problem recognition & differential diagnosis -Patient position & supportive measures -Oxygen -Monitoring -Drug therapy, Nitroglycerine & Amyl Nitrate -Transfer when indicated		
Bradycardia	☐ Satisfactory	☐ Unsatisfactory
-Problem recognition & differentiation of hemo-dynamically significant bra -Monitor & record keeping -Oxygen -Drug therapy, Atropine	dycardia	
Cardiac Arrest	☐ Satisfactory	☐ Unsatisfactory
-Problem recognition & differential diagnosis -CPR ACLS/PALS to the extent the facility is capable -Activation of EMS	,	,
Myocardial Infarction	☐ Satisfactory	☐ Unsatisfactory
-Problem recognition of differential diagnosis -Oxygen -Patient positioning -Pain relief -Monitoring & record keeping -Activation of EMS		
ENDOCRINE		
Hypoglycemia	☐ Satisfactory	☐ Unsatisfactory
-Problem recognition & diagnosis		
-Office testing available -Oral and/or IV drug therapy		
DRUG OVERDOSE		
Local Anesthetic Overdose	☐ Satisfactory	☐ Unsatisfactory
Sedative Drug Overdose	☐ Satisfactory	☐ Unsatisfactory
-Benzodiazapine overdose i.e., valium vs. narcotic i.e., medazolam -Local anesthesia toxicity		

STROKE		
Cerebrovascular Accident	☐ Satisfactory	☐ Unsatisfactory
OTHER	Cotiofastas	
-Venipuncture Complications	☐ Satisfactory	☐ Unsatisfactory
-Malignant Hypothermia		
COMMENTS AND RECOMMENDATIONS		
DEFICIENCY		
EVALUATOR USE ONLY: Evaluator Reimbursed \$ Date/_	/	
Evaluator Signature:	Date/	
Site evaluator: At completion of evaluation submit all signed and	completed forn	ns to:
ATTN: Anesthesia Committee		
NDBDE		
PO BOX 7246		
Bismarck, ND 58507-7246		

APPLICANT and QUALIFIED ANESTHESIA PROVIDER: COMPLETE SECTIONS BELOW

THE ENTIRE FORM MUST BE SENT VIA USPS TO THE SITE EVALUATOR TWO WEEKS PRIOR TO DATE OF SITE EVALUATION. INCLUDE CREDENTIALS OF APPLICANT (TRAINING/ANESTHESIA EDUCATION, BLS, ACLS OR PALS), OTHER ANESTHESIA PROVIDER (LICENSES & ACLS, BLS) AND CREDENTIALS OF STAFF WHO WILL BE IN DIRECT CONTACT OF PATIENT DURING SEDATION / ANESTHESIA PROCEDURES. EMAIL A COPY OF SUPPORTING DOCUMENTS AND PPLICATION TO RITA@NDDENTALBOARD.ORG.

APF	PLICANT	NAME	
ND	DENTAL	LICENSE NUMBER	
	APPLICANT EMAILADDRESS OF FACILITY WHERE SEDATION SERVICES ARE PROVIDED:		
ADI			
		PHONE	
	MA	AIL EVALUATOR A COPY OF:	
		A medical history	
		Informed consent	
		A blank sedation monitoring form	
		Pre anesthesia/sedation instructions Post Op care instructions to patient	
		Copy of sedation/anesthesia education of the dentist and dental staff having direct contact with patient during	
		sedation or anesthesia procedures or recovery.	
		Copy of BLS/PALS/ACLS certifications	
		Copy of sedation/anesthesia provider's ND license	
РО	SSIBLE S	SAMPLE QUESTIONS	
1.	What is	the criterion for a dentist dismissing himself from recovering patient?	
2. What are qualifications for staff that attends recovering patient?		re qualifications for staff that attends recovering patient?	
3. Discussion of pre-op assessment and forms		ion of pre-op assessment and forms	
4. What is the max recommended dose of?		the max recommended dose of?	
	How so	on can you re-dose i.e., what is clinical affective ½ life of?	
5.	If patie	nt cardiac arrests your 1 st steps would be?	
6.	If patie	nt respiratory arrests your first response would be?	
7.	Patient	is in chair and complains of chest pain. You?	
8.	Health	and physical/ what is patient assessment?	
9.	How do	you classify airway?	
10.	What is	your discharge criterion?	
11.	Mod se	dation/ Pulse ox? Auto BP? 3 lead EKG? Continuous O2 thru nasal cannula?	
12.	Staff m	eetings: Infection control; review protocols, eye wash station, CPR, Emergency discuss	
	protoco	ols, mock codes.	

I. Enteral & Parenteral Sedation Facility, and Equipment –Requirements

13. Identify signs and symptoms of local toxicity.

The following equipment is recommended for the emergency kit/cart for Sedation/anesthesia emergency management. The equipment should be readily accessible and should be used in a manner that is

consistent with the practitioner's level of training and skill. The equipment must be age and weight appropriate for pediatric and adult patients. There must be a routine equipment maintenance record kept by the dentist to ensure that the equipment is kept in working order. Please attach a separate sheet with rationale for absent or substituted medications.

<u>APPLICANT REVIEW:</u> Applicant must *initial* each of the following to indicate compliance.

Recommendations for Enteral Sedation Blood pressure sphygmomanometer/cuffs of appropriate sizes with stethoscope or automatic blood pressure monitor ECG monitoring device Pulse oximetry device IM equipment: Gauze sponges Needles of various sizes Syringes Several types/sizes of resuscitation masks
Required for Parenteral Moderate Sedation
Blood pressure sphygmomanometer/cuffs of appropriate sizes with stethoscope or automatic blood
pressure monitor
ECG monitoring device
Pulse oximetry device
Capnography
IV and IM equipment:
IV fluids, tubing and infusion sets
Tape
Sterile water
Gauze sponges
Needles of various sizes
Syringes Tourniquet
Several types/sizes of resuscitation masks
Several types/sizes of resuscitation masks Magill forceps
Laryngoscope
Advanced airway management equipment
LMA various sizes
ET tubes various sizes
Combi Tube, King Airway
oral airway various sizes
nasal airway, various sizes
Additional Items to be Evaluated
Supplemental gas delivery system & back-up system
Patient transportation protocol in place
Sterilization area
Designated sterile area
Sterilization manual and protocol

Designated non-sterile area
Preparation of sedation medication
Appropriate storage for medication
Appropriate mode/method of administration
Equipment readily accessible - consistent with licensee's level of training and skill
Equipment age and weight appropriate for pediatric and/or adult patients
Treatment room/s
Treatment room permits the team (consisting of at least two individuals) to move freely about the
patient
Chair utilized for treatment permits patient to be positioned so the team can maintain the airway
Treatment chair permits the team to alter patient's position quickly in an emergency
Treatment chair provides a firm platform for the management of CPR
Adequate equipment for establishment of an intravenous infusion
Licensee has emergency protocol
II. Emergency Medications
A. Enteral and Parenteral Emergency Medications or Equivalents – Recommendations These drugs may
included in the emergency cart/kit in forms/doses that the dentist can knowledgeably administer, and
typical routes of administration for enteral/parenteral sedation. These drugs are listed by category, not
order of importance. These medications must be used appropriately for both pediatric and adult emerge
situations. Please attach a separate sheet (if needed) with rationale for absent or substituted medications
B. Confirm that all emergency medications are checked and maintained on a prudent and regula
scheduled basis.
PROVIDE A LIST OF ALL LOCAL ANESTHETICS USED IN THIS FACILITY.
LIST ANY SEDATION DRUGS THE PRACTITIONER BEING EVALUATED WILL BE USING.
OFFICES MAY EMPLOY THE SERVICES OF AN ANESTHESIA PROVIDER WHO IS QUALIFIED AND LICENSED TO
PROVIDE DEEP SEDATION AND GENERAL ANESTHESIA. LIST ALL ADDITIONAL SEDATION DRUGS AN
ANESTHESIA PROVIDER WILL BE USING AT THIS SITE.
LIST ANY SEDATION DRUGS YOUR PRACTICE PERSCRIBES TO PATIENTS PRIOR TO THE PROCEDURE AND
PRIOR TO THE DAY OF THE PROCEDURE
LIST ALL RESCUE DRUGS THAT YOUR PRACTICE HAS ON SITE

PROVIDE name of individual(s) responsible for monitoring expiration dates, inventory, log and security of Schedule I
and III or Schedule IV drugs:
DESCRIBE the office policy and procedure for "wasting" multi-dose or single dose vial contents if sterility of unused
vial is compromised or not completely used during a procedure:
EQUIPMENT AND BRAND
1. BP Non invasive BP monitor
a
b
2. ECG
a
b
3. Defibrillator/Automated External Defibrillator
a
b
4. Pulse Oximeter
a
b
5. Capnography
a h
b
List the drug you are using and indicate the expiration date of the following medications available in your
practice.
Recommended Enteral Sedation Emergency Medications (or enter current equivalents*)
Analgesic (nitrous oxide/oxygen, morphine sulfate IM)
Anticonvulsant (diazepam IM)
Antihypoglycemic (oral glucose/sucrose, glucagon HCl IM or SC)
Anti-inflammatory Corticosteroid (sodium succinate in IM form)
Endogenous Catecholamine
Epinephrine IM or SC for cardiac resuscitation
Epinephrine IM for allergic reaction (Ana-guard, epi-pen auto-injector)
Epinephrine SC for asthmatic pediatric patients
Vasodilator, Antianginal, Antihypertensive (nitroglycerin SL, SC, IM, PO)
Bronchodilator (albuterol inhalant)
Respiratory Stimulant (ammonia inhalant)
Histamine Blocker (Benadryl PO or IM)
Vasonressor (methoxamine IM)

Anticholinergic Antiarrhythmic (atropine IM or SC)
ASA (acetylsalicylic acid, aspirin)
Narcotic Antagonist (naloxone IM or SC)
Benzodiazepine Antagonist (flumazenil SL)
Recommended Parenteral Sedation Emergency Medications (or enter current equivalents*)
Analgesic (morphine sulfate)
Anticonvulsant (diazepam)
Antihypoglycemic (glucagon HCl, 50% dextrose)
Allergic Reaction, Anaphylaxis
Epinephrine IM or SC
Epinephrine (Ana-guard, epi-pen auto injector)
Corticosteroid (anti-inflammatory hydrocortisone, sodium succinate)
Bronchodilator (albuterol)
Respiratory Stimulant (ammonia inhalant)
Histamine Blocker (diphenhydramine-Benadryl, chlorpheniramine)
Narcotic Antagonist (naloxone)
Benzodiazepine Antagonist (flumazenil)
Dantrolene - Mechanism of response
Cardiac Medications
Endogenous catecholamine (epinephrine)
Anticholinergic, antiarrhythmic (atropine)
Vasopressor (methoxamine)
Vasodilator
Antianginal
Antihypertensive (nitroglycerin)
Antiarrhythmic (lidocaine, verapamil)
Tachycardia (adenosine)
Ventricular fibrillation (aminodarone)
Antihypertensive, antianginal, beta-adrenergic blocker (esmolol)
ASA (acetylsalicylic acid, aspirin)
Alkalinizing agent (sodium bicarbonate)
Calcium Salt (calcium chloride)
Neuromuscular Blocker (succinylcholine)
*Specific medications are provided as examples and are subject to change based on suggestive mobile and
*Specific medications are provided as examples and are subject to change based on currently published ACLS or Board approved standards.

Reminder: Mail via USPS entire form and supporting documents to the Board's designated site evaluator at least two weeks before your scheduled site evaluation. Applicant please review & fill out information on pages 8-12, prior to evaluation. Do not complete pages 1-7.

Mail to: Kellie Pierce, CRNA 4012 Edgewater PI SE Mandan, ND 58554

Email <u>piercecrna@aol.com</u> for site evaluation scheduling.

Email entire form and supporting documents to Rita@nddentalboard.org.