Main Data Collection Form

ASA Closed Claims Project (Revised April 2008)

[office use only] CPT Code

2.5

For committee use	only:		
Review1 Recode Dbase	eview2 eFinal_	Review3 Verified	

Sec	tion 1. Patient and Case Characteristics		
1.1 1.2 1.3 1.4	Year of Event	1.8	ASA Status (circle one) 1 1 2 2 3 3 4 4 5 5 77 Unknown Emergency 1 Yes 2 No Trauma 1 Yes 2 No
1.6 Sec	Obese (BMI > 30) 1 Yes 2 No 77 Unknown tion 2. Surgical Characteristics		
2.1	Personnel involved 1 Anesthesiologist 1 CRNA 1 Resident 1 Fellow	2.6	Procedure scheduled as 1 Inpatient 2 Outpatient 77 Unknown
	☐¹ Anesthesia assistant ☐¹ Other (specify)	2.7	If outpatient procedure, check type of facility 1 Hospital or ambulatory surgery center 2 Freestanding facility, e.g., office or clinic
2.2	Was the anesthesiologist board certified? □¹ Yes □² No □¹ Unknown	2.8	Position (at time of event) 1 Supine 2 Lateral 5 Lithotomy
2.3	Level of supervision of personnel by attending anesthesiologist 1 Intense (anesthesiologist in room)		□³ Prone □98 Other (specify)
	□² Appropriate (anesthesiologist not present, but	2.9	Anesthesia start time: :
	immediately available) Remote (anesthesiologist not readily available)	2.10	Anesthesia start to end: (hrs & mins) Incision to closure: (hrs & mins)
	No anesthesiologist supervision of personnelUnknown	2.11	Primary anesthetic
2.4	Primary surgical procedure	2.12	 O None General anesthesia Regional Monitored anesthesia care (MAC)
С	FOR ALL CLAIMS INVOLVING LABOR AND DELIVERY OR S-SECTION, A SUPPLEMENTAL NEWBORN FORM MUST BE COMPLETED, EVEN IF NO INJURY TO THE NEWBORN IS ALLEGED.	CL	HRONIC PAIN MANAGEMENT IS THE PRIMARY ISSUE IN THIS AIM, PLEASE COMPLETE A "CHRONIC PAIN CLAIMS ONLY" DRM <u>INSTEAD</u> OF THIS "MAIN DATA COLLECTION FORM".

2.132.14	Intubation Not attempted Intubated First attempts at intubation Arrived intubated At induction After mask anesthesia During resuscitation Monitors in use at time of damaging event Harterial catheter Bispectral index system (BIS) BP cuff CVP ECG IEG Ied tidal CO ₂ Inhalation agent analyzer Nerve stimulator Oxygen analyzer Pulmonary artery catheter Pulse oximeter Spirometer Stethoscope Precordial Esopheageal Both precordial and esophageal Unspecified type	2.162.172.182.19	Would better use of monitoring devices or the use of additional monitors probably have prevented the complication? 1 Yes			
	Other (specify)					
Section 3. Acute (Post-Op) Pain Management IF CHRONIC PAIN MANAGEMENT IS THE PRIMARY ISSUE IN THIS CLAIM, PLEASE COMPLETE A "CHRONIC PAIN CLAIMS ONLY" FORM INSTEAD OF THIS "MAIN DATA COLLECTION FORM".						
3.1	Was acute pain management an issue in the claim?	3.3	What agents were used? □¹ None			
3.2	 Yes, Acute (postop) pain management No (skip to next section) Unknown What was the procedure at issue in the claim? Block or injection (steroid, etc.) Neuraxial infusion catheter PCA (IV) 		□¹ Blood (patch) □¹ Saline □¹ Local anesthetic agent (specify) □¹ Narcotic (specify) □¹ Other			
	□ Consultation or diagnosis (no treatment) □ Medication prescription or management		(specify)			
	□¹² Maintain, refill or program device (specify device type) □³ጾ Other (specify)	ll l	DESCRIBE IN THE NARRATIVE SUMMARY THE SPECIFIC PROCEDURE AND DOSES USED, AND THE COMPLAINT AGAINST THE DEFENDANT ANESTHESIOLOGIST.			

Sedation or Premedication for General or Regional Anesthesia or MAC Section 4. Was sedation or premedication for general or regional anesthesia or MAC used? 4.1 □² No (skip to next section) □⁷⁷ Unknown Benzodiazepines **Dissociatives** 4.2 □¹ Diazepam □¹ Droperidol □² Midazolam □² Ketamine (mark G.A. doses in Section 5) □98 Other (specify) □98 Other (specify) _____ **Narcotics Miscellaneous** 4.5 4.3 □¹ Fentanyl (mark G.A. doses in Section 5) □¹ Propofol (mark G.A. doses in Section 5) □⁴ Morphine □98 Other (specify) □98 Other (specify) _____ General Anesthesia: Inhalation or Total Intravenous Anesthesia (TIVA) Section 5. Was general anesthesia used? 5.1 □¹ Yes □² No (skip to next section) □77 Unknown If yes, General anesthesia provided by: 5.2 □¹ Inhalation □² IV (TIVA) Type of mask used for maintenance of general anesthesia 5.3 □³ Mask not used □¹ Face mask □² Laryngeal mask AGENTS FOR GENERAL ANESTHESIA **MUSCLE RELAXANTS** Succinylcholine Inhalational agents for general anesthesia 5.4 5.7 □¹ Intubation □¹ Desflurane □¹ Enflurane □¹ Prolonged relaxation □¹ Halothane Non-depolarizing muscle relaxant 5.8 □¹ Isoflurane □¹ Intubation □¹ Nitrous oxide □¹ Prolonged relaxation □¹ Sevoflurane □¹ Other (specify) Relaxant reversed? 5.9 □¹ Unknown □¹ Yes □² No / not applicable Narcotic agents for general anesthesia 5.5 □⁷⁷ Unknown ☐¹ Fentanyl (mark sedative doses in Section 4) □¹ Sufentanil If relaxant was reversed, how was it 5.10 □¹ Morphine sulfate confirmed? □¹ Other (specify) □¹ Nerve Stimulator □¹ Unknown □² Inspiratory force □³ Tidal volume Other agents for general anesthesia 5.6 □⁴ Head lift □¹ Thiopental □77 Unknown □¹ Propofol (mark sedative doses in Section 4) □98 Other (specify) ____ □¹ Ketamine (mark sedative doses in Section 4) □¹ Etomidate

□¹ Other (specify)

Section 6. Regional Anesthesia, or Local/MAC

6.1	Was regional anesthesia, or local or MAC used?		EYE BLOCK DETAILS
	 □¹ Yes □² No (skip to next section) □¹¹ Unknown 	6.6	If it was an eye block, who performed it? 1 Anesthesiologist CRNA
6.2	Regional block □¹ Axillary		□³ Surgeon □³ Other (specify)
	□² Epidural - <i>Caudal</i> □¹º Epidural - <i>Cervical</i>		LOCAL / MAC DETAILS
	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	6.7	Was MAC with or without sedation used? ☐¹ Sedation only (no monitoring)
	 □27 Eye block, peribulbar (see question 6.6) □5 Eye block, retrobulbar (see question 6.6) □29 Eye block, unspecified (see question 6.6) 		□² Monitoring only (no sedation) □³ MAC with sedation □⁰ Other (specify) □¹ Unknown
	□13 Intercostal □15 Interscalene		□88 Not applicable
	☐ IV Regional/Bier Block	6.8	Was local used by anesthesiologist or surgeon? 1 Local infiltration by anesthesiologist
	□⁴ SAB, intrathecal□⁻⁻ SAB/LEP combination		 Local infiltration by surgeon Local infiltration by unknown
	□ ²² Stellate □ ²⁰ Supraclavical		□ ⁷⁷ Unknown □ ⁸⁸ Not applicable
	□21 Suprascapular		OTHER BLOCK DETAILS
	□98 Other (specify)	6.9	Needle type:
	AGENTS USED IN BLOCK	6.10	Needle size:
6.3	Local anesthetic used in block None Bupivacaine	6.11	Test dose? □¹ Yes (see next question) □² No
	□² Chlorprocaine □² Etidocaine □³ Lidocaine	6.12	Epinephrine in test dose? 1 Yes 2 No
	 Mepivacaine Nupercaine Procaine Ropivacaine 	6.13	Paresthesias elicited? □¹ Yes □² No
	□ Tetracaine □ Other (specify) □ Try Unknown	6.14	Paresthesias during injection? ☐¹ Yes ☐² No
6.4	Narcotic used in block 1 Demerol 2 Fentanyl	6.15	Post block headache? 1 Yes 2 No
	☐³ Morphine ☐ ⁹⁸ Other (specify)	6.16	Therapeutic blood patch?
6.5	Other drug used in block 1 Epinephrine 0 Other (specify)		□¹ Yes □² No

Section 7. The Damaging Event: The event during care which caused damage or negative outcome

RESPIRATORY SYSTEM DAMAGING EVENTS	CARDIOVASCULAR SYSTEM DAMAGING EVENT
□¹ Difficult intubation □¹ Esophageal intubation If esophageal, minutes until detection: If esophageal, how was intubated verified? (check all techniques attempted) □¹ ETCO₂ by capnograph □¹ ETCO₂ by capnometer (color change) □¹ Bulb detector □¹ Auscultation □¹ Direct visualization □¹ Fiberoptic bronchoscope □¹ Chest X-ray	Air or gas embolism (etiology) Pulmonary embolism: fluid or particulate (amniotic fluid, clot/thrombosis, fat, etc.) (etiology) Electrolyte imbalance / fluid management Excessive blood loss / uncontrolled surgent hemorrhage Wrong blood administered Unexplained cardiac event Other cardiovascular (specify)
□¹ Other (specify)	REGIONAL BLOCK DAMAGING EVENTS
□¹ Bronchospasm □¹ Airway obstruction (etiology) □¹ Inadequate oxygenation/ ventilation □¹ Aspiration □¹ Inadvertent / accidental extubation □¹ Premature extubation □¹ Unexplained respiratory event □¹ Other respiratory (specify)	□¹ Block needle trauma to eye □¹ Dural puncture □¹ High block / total spinal □¹ Inadvertent intravascular injection / absolute □¹ Inadequate analgesia from block □¹ Neuraxial cardiac arrest □¹ Retained block catheter / needle □¹ Unexplained block related □¹ Other block-related (specify)
EQUIPMENT DAMAGING EVENTS	MISCELLANEOUS DAMAGING EVENTS
Anesthesia machine	Adverse/ allergic drug reaction Failure to diagnose preoperative abnorm Inadequate anesthesia for MAC / GA Patient condition (preexisting, not attributo care provided) (specify) Patient fell or was dropped Patient moved during procedure Positioning / padding Surgical technique Wrong drug or dose Wrong side, procedure or patient Other event (specify)
	AGING EVENT

□ No clinical clues (skip to next section) RESPIRATORY CLINICAL CLUES **CARDIOVASCULAR CLINICAL CLUES** □¹ Hypotension □¹ Cyanosis Bradycardia □¹ SpO₂ abnormality □¹ Tachycardia □¹ Hypertension □¹ Low value □¹ Arrhythmia □¹ Decreased value □¹ Ventricular fibrillation \Box ¹ SpO₂ <85% □¹ Asystole □¹ Subcutaneous emphysema □¹ Other cardiovascular clue □¹ Tachypnea (specify) □¹ Respiratory arrest/ apnea □¹ Other respiratory clue MISCELLANEOUS CLINICAL CLUES (specify) _____ □¹ Oliguria/ anuria Regurgitation Vomiting Convulsion ___1 □¹ Other clue (specify) Section 9. Complications: Claimed / alleged physical / psychological injury, loss, negative outcome RESPIRATORY COMPLICATIONS **N**EWBORN INJURY 9.1 Respiratory complications 9.4 □¹ Injury/ death of newborn □¹ Aspiration pneumonitis (complete newborn data form) □¹ Pneumothorax **BRAIN DAMAGE** □¹ Pulmonary edema □¹ Respiratory distress syndrome (ARDS) **Brain damage?** □¹ Prolonged ventilatory support □¹ Yes □¹ Other respiratory complication □² No (specify) □⁷⁷ Unknown If yes, etiology of brain damage: **EYE DAMAGE** □¹ Hypotension □¹ Eye Damage (code specifics below) □² Hypoxia 9.2 □³ CVA/ stroke □¹ Blindness □¹ Corneal abrasion □⁷⁷ Unknown □98 Other □¹ Optic nerve damage □¹ Retinal artery or vein occlusion (specify) □¹ Retinal detachment or tear □¹ Retinal hemorrhage **AIRWAY INJURY/ INTUBATION TRAUMA** □¹ Vitreous expulsion □¹ Airway Damage (code specifics below) 9.6 □¹ Vitreous hemorrhage □¹ Arytenoid cartilage dislocation □¹ Other eye damage □¹ Esophageal injury (specify) □¹ Hoarseness, cause unspecified **CARDIOVASCULAR COMPLICATIONS** □¹ Laryngeal injury □¹ Mediastinitis Cardiovascular complications 9.3 □¹ Nose □¹ Myocardial infarction □¹ Oropharynx □¹ Prolonged arrhythmia □¹ Posterior pharynx □¹ TMJ syndrome □¹ Localized vascular insufficiency □¹ Trachea injury □¹ Other cardiovascular complication □¹ Vocal cord (specify) _ □¹ Other airway trauma (specify) ___

Clinical Clues: Physiological symptoms suggesting that a problem exists

Section 8.

	Nerve Damage		NEURAXIAL INJURY
9.7	□¹ Nerve Damage (code specifics below) □¹ Brachial plexus □¹ Femoral □¹ Lumbosacral nerve root □¹ Median	9.15	Epidural / spinal injury 1 Epidural / spinal hematoma 2 Epidural / spinal abscess 1 Meningitis
	☐¹ Radial ☐¹ Sciatic ☐¹ Spinal cord ☐ ☐¹ Paraplegia	TEM	IF THERE WERE NEUROLOGIC SYMPTOMS SUCH AS IPORARY OR PERMANENT PARALYSIS, LIST THESE IN THE NERVE DAMAGE SECTION.
	□¹ Quadriplegia		Pain / Emotional Distress
9.8	Other spinal cord (specify) 1 Ulnar (specify) Was extra padding applied to the affected	9.17	Pain / distress attributed to medical procedure 1 Headache 1 Back pain 1 Pain during surgery 1 Awake during surgery 1 Emotional distress/ fright
	extremity?		SKIN INJURY
9.9	□² No □¹7 Unknown Bilateral nerve damage? □¹ Yes	9.18	Skin injury attributed to medical procedure 1 Scarring 1 Burn (thermal) 1 Skin reaction (inflammatory, pressure)
	□² No		OTHER COMPLICATIONS
9.10	Cause of nerve / CNS injury 1 Probably positional 2 Possibly positional 3 Block related 4 Surgery 5 Pre-existing nerve damage	9.19	Other medical complications 1 Hepatic dysfunction/ failure Renal dysfunction/ failure Other complication (specify)
	□ No clear evidence of injury □ Unclear mechanism/insufficient data □ Other cause (specify)	9.20	Did a cardiac arrest occur? □¹ Yes □² No □¹ Unknown
	HEALTH FACTORS INFLUENCING NERVE DAMAGE	9.21	If a cardiac arrest did occur, was it appropriately treated?
9.11	Diabetes □¹ Yes □² No	9.22	□¹ Yes □² No Did a respiratory arrest occur?
9.12	□77 Unknown History of Smoking □1 Yes	0.22	□¹ Yes □² No □¹77 Unknown
9.13	□² No □¹¹ Unknown Smoking within last 30 days □¹ Yes □² No		If yes, was it appropriately treated? The second of the s
9.14	□² No □¹7 Unknown History of alcohol abuse in past year □¹ Yea	9.23	If the patient died, was an autopsy performed? □¹ Yes □² No
	□¹ Yes □² No □¹7 Unknown		If yes, who performed the autopsy? 1 Medical examiner 1 Hospital pathologist 177 Unknown

	SEVERITY OF INJI	JRY FOR H	PATIENT			
9.24	Please code the severity of injury for the patient. One obvious injury Temotional only (fright, awake, pain during anesthe	etic)				
	Temporary 1 Insignificant (lacerations, contusions, no delay in recovery) 3 Minor (fall in hospital, recovery delayed- extra time in recovery room or hospital) 4 Major (brain damage, nerve damage, unable to work, prolonged hospitalization)					
	Permanent 5 Minor (damage to organs, non-disabling injuries) 6 Significant (loss of eye, deafness, loss of one kidr 7 Major (paraplegia, loss of use of limb, blindness, b 8 Grave (severe brain damage, quadriplegia, lifelon 9 Death	orain dam	age)			
Sect	tion 10. Professional Opinion					
10.1	Was the injury related to care provided or directed by the anesthesiologist? □¹ Yes □² No □³ Undecided	10.6	Did the recorded preanesthetic evaluation seem adequate? 1 Yes 2 No Impossible to judge			
	For a claim unrelated to care provided by the anesthesiologist, what was the complaint related to? □¹ Surgery □¹ Patient condition	10.7	Would a better preanesthetic evaluation probably have prevented the complication? 1 Yes 2 No 3 Impossible to judge			
10.2	Other (specify) If regional anesthetic, could the block have caused the damage?	10.8	Quality of the anesthetic record 1 Adequate 1 Inadequate 17 Impossible to judge			
	□¹ Yes □² No □³ Impossible to judge		Anesthetic record issues: 1 Multiple records were found 1 Anesthetic record was changed			
10.3	Appropriateness of anesthetic care 1 Less than appropriate 2 Appropriate 3 Impossible to judge	10.9	Regarding their ability to tell the story, the anesthetic record and/ or progress notes were 1 Adequate 2 Inadequate			
10.4	Was the complication preventable? ☐¹ Yes ☐² No	10.10	□ 77 Impossible to judge Documented follow-up care			
10.5	□³ Impossible to judge Was informed consent a legal issue in the claim?		□¹ Adequate □² Inadequate □³ Impossible to judge □³8 Not applicable			
	□¹ Yes □² No □³ Impossible to judge	10.11	Would better follow-up care probably have prevented the complication? 1 Yes 2 No 3 Impossible to judge 8 Not applicable			

	OPINION ON LOCATION OF EVENT / INJURY						
	Where did the damaging event probably occur? O Emergency room Preinduction Intra-anesthesia, intra-procedure Intra-sit PACU Is ICU Mard / floor Is Post-procedure, before discharge Patter discharge Intra-anesthesia, intra-procedure Intra-anesth	Where did the injury become apparen 0					
Sect	tion 11. Legal Action						
11.1	Was a lawsuit filed? □¹ Yes □² No	11.4 Payments (indemnity) made by speci- defendants, <u>excluding</u> legal costs Amount \$0	fied Unknown				
11.2	How was the anesthesia claim resolved?	Anesthesiologist\$	1				
	□³ Dropped, dismissed, discontinued by plaintiff,	CRNA\$					
11.3	closed for lack of activity 1 Settlement (includes mediation or arbitration) 2 Trial (judge or jury) Year of payment (or year claim closed)	Surgeon\$	1				
		Hospital\$	1				
		Other\$	1				
		Total\$	1				
Sect	tion 12. <i>Documentation</i>	11.5 Insurance Company Costs \$					
12.1	Documents you reviewed when completing this form 1 Anesthesia record 1 Surgeon's operative note 1 PACU record 1 X-rays, lab tests, toxicology reports 1 Discharge summary 1 Follow-up evaluation by medical consultants or primary caregiver 1 Autopsy record	Deposition transcripts or summarie Narratives from involved parties Economic analysis of damages (by economist) Photographs of patient or equipment Expert or peer reviews Claims manager evaluation, notes summary Attorney evaluation, notes or summon Other document (specify)	nt or				

Section 13. Summary of Events - REQUIRED - DO NOT LEAVE THIS BLANK

Specify the sequence of events and details not included elsewhere on the form. Provide details pertaining to the quality of anesthetic care. *Please write legibly*.

Sequence of Clinical Events

- Relevant medical history
- What happened? Be specific: Who, what, where, when, how...
- What events or actions contributed to the patient's injury?
- What other factors contributed to the claim (medical care by others, other factors such as bedside manner)?
- Include results of pertinent diagnostic studies that were helpful in determining the cause and extent of injury
- Final follow-up of patient did the injury resolve?

Professional Assessment

- Was the anesthesia care appropriate? Why or why not (please comment)?
- If the file contains conflicting information or unresolved differential diagnoses, what do you think really happened?

Provide	Provide brief comments in support of your assessments.							