

Case Log Definitions: A Guide for Fellows and Program Directors
Recommendations from the Pediatric Anesthesia Program Directors Association
Case Log Task Force
January 2013

These recommendations represent an effort by pediatric anesthesia fellowship program directors to interpret the Accreditation Council of Graduate Medical Education (ACGME) case log system in a fair, appropriate, and consistent manner. They do not represent the opinions, views, or interpretations of the ACGME itself. Recommendations and definitions are organized by ACGME case log sections.

Age of Patient

A neonate is any patient less than 45 weeks post conception regardless of chronological age.

Do not record any age field for patients greater than 17 years old.

ASA Status

One ASA status per case performed.

Case totals will be derived from this category.

Procedures

Arterial and central venous cannulation should be recorded even in the case of failed attempts. Do NOT record if the procedure was only observed.

Flexible fiberoptic intubation includes using a fiberoptic scope to assist in intubation, including to confirm placement of a double lumen endotracheal tube.

Techniques for Anesthesia

Techniques used for either the PRIMARY ANESTHETIC or for management of ACUTE POSTOPERATIVE PAIN should be recorded here, regardless of whether done in conjunction with a general anesthetic or not. If a patient receives a general anesthetic AND an epidural/caudal, intrathecal, or peripheral nerve block, BOTH should be recorded here. If the technique was used for management of chronic pain, it should NOT be recorded here; instead it should be recorded under "Pain Management Outside the OR". Sedation does not have a category and should not be recorded as a technique in this section.

Epidural/caudal includes either single-shot or catheter techniques involving the epidural space (ex. thoracic epidural for Nuss procedure, single shot caudal for

orchipexy) with or without a general anesthetic. Does NOT include epidural injections for chronic pain.

General includes any anesthetic involving loss of airway reflexes, and is generally but not always associated with placement of an airway device (e.g. endotracheal tube, LMA, etc.). Does NOT include sedation cases.

Intrathecal includes either a spinal anesthetic as the primary technique or intrathecal injection of anesthetics/analgesics for acute postoperative pain with or without a general anesthetic. Does NOT include intrathecal injections for chronic pain.

Peripheral nerve block includes blocks done either as the primary technique or for acute postoperative pain with or without a general anesthetic. Does NOT include blocks done for chronic pain.

Type of Surgery

Although most surgeries fit into a single category, some surgeries can be recorded in multiple categories (e.g. Liver transplant is also IntraAbdominal, Heart transplant is also Cardiac-with CPB, TEF is also IntraThoracic-non cardiac). Therefore, the total of this category may exceed the case total. Examples below are not intended to be all-inclusive.

Airway surgery (excluding T & A) Diagnostic or therapeutic procedures on the upper or lower airways.	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Microdirect laryngoscopy and bronchoscopy • Flexible bronchoscopy • Laryngeal laser surgery • Tracheostomy • Choanal atresia repair • Tracheal reconstruction • Other laryngeal or tracheal procedures 	<ul style="list-style-type: none"> • Tonsillectomy/adenoidectomy • Cleft palate repair • Difficult airways for non-airway surgery

Cardiac –with CPB All cases done utilizing CPB. Do NOT also log in “IntraThoracic non-cardiac”	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Congenital cardiac surgery with CPB • Airway, thoracic, mediastinal, and great vessel procedures with CPB 	<ul style="list-style-type: none"> • Any case NOT utilizing CPB • Patients having surgery while on ECMO

Cardiac –without CPB Do NOT also log in “IntraThoracic non-cardiac”.	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • PDA ligation • PA banding • BT shunt • Coarctation of the aorta • Vascular ring • Sternal explorations • Cardiac cath lab cases 	<ul style="list-style-type: none"> • Thoracotomy for tumor resection or NUSS procedure done by a cardiac surgeon • Congenital cardiac patients for non-cardiac surgery (e.g. G-tube or spine fusion) • Cardiac MRI or CT

Craniofacial Surgery (excluding cleft lip and palate)	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Synostosis repair/cranial reconstruction • Maxillary or mandibular reconstruction • Resection of large soft tissue mass of head/neck • Other major facial bone surgery 	<ul style="list-style-type: none"> • Small bony lesion removals • Rhinoplasty • Injection of facial AVMs or lymphatic malformations • Cleft lip and palate

IntraAbdominal (Intracavitary; excl. inguinal hernia) Intraperitoneal procedures both open and laparoscopic.	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Pyloric stenosis • Bowel resection • Appendectomy • Splenectomy • Open gastrostomy 	<ul style="list-style-type: none"> • Extracavitary and retroperitoneal procedures • Minimally invasive procedures such as radiologic needle drainage of abdominal abscess cavities • Percutaneous gastrostomy • Percutaneous liver biopsy • Brief laparoscopic look for herniorrhaphy

<i>IntraCranial-neuro (excluding shunts)</i>	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Intracranial tumor resection • Drainage of subdural hematoma • Neurovascular and interventional neuroradiology procedures such as coiling of AVM • Epilepsy and movement disorder surgery • Posterior fossa decompression 	<ul style="list-style-type: none"> • ICP measurement device as sole procedure • Diagnostic neuroradiology such as cerebral angiogram • Shunts and shunt revisions • Synostosis repair/cranial reconstruction (should be listed under <i>craniofacial</i>)

<i>IntraThoracic-noncardiac</i>	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Thoracotomy • Thoracoscopy • Mediastinal surgery • NUSS procedure 	<ul style="list-style-type: none"> • PDA ligation • BT shunt • Other cardiac procedures • Ravitch procedure (extrathoracic rib cage revision)

<i>Major Orthopedic</i>	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Spine fusion • Amputation • Tumor resection with limb reconstruction • Pelvic surgery • Major long bone surgery • Joint replacement 	<ul style="list-style-type: none"> • Knee arthroscopy • Minimal blood loss bony procedures (with or without tourniquet) • Fracture reduction and pinning • Casting

<i>Neonatal Emergencies</i>	
Patients less than 45 weeks post conception having emergency surgery in any of the categories listed	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Diaphragmatic hernia • Gastroschisis/omphalocele • NEC & bowel • TEF 	<ul style="list-style-type: none"> • Other neonatal emergencies

Neonatal emergency –other	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Myelomeningocele • Vein of Galen malformation 	<ul style="list-style-type: none"> • Diaphragmatic hernia • Gastroschisis/omphalocele • NEC & bowel • TEF

Solid organ transplants	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Heart • Kidney • Liver • Lung 	<ul style="list-style-type: none"> • Other solid organ transplants, such as intestinal, pancreas, and multivisceral (should be included in IntraAbdominal or other appropriate categories)

Other (operative)	
All operative/invasive procedures that are not in another category.	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • T & A • Myringotomy tubes • Cleft palate • Strabismus surgery • Central lines • Endoscopic procedures • Bone marrow harvest • Lumbar puncture • I & D • IR procedures • Chest tube • Percutaneous liver or kidney biopsy • Nephrostomy tubes • Drainage of intra-abdominal abscess 	<ul style="list-style-type: none"> • Any procedure in which no skin barrier is broken and no body cavity is entered.

Other (non operative)	
Procedures in which no skin barrier is broken and no body cavity is entered	
EXAMPLES to INCLUDE	DOES NOT INCLUDE
<ul style="list-style-type: none"> • Auditory brainstem responses • MRI • CT • Echocardiography • Other imaging procedures • Radiation therapy 	<ul style="list-style-type: none"> • Procedures in which the skin barrier is broken or a body cavity is entered

Pain Management Outside the OR

Record central neuraxis and peripheral nerve blocks here if they were done for CHRONIC PAIN, regardless of whether they were done inside or outside an OR, with or without an anesthetic. Do NOT include procedures done only for acute postoperative pain.

CONSULTATIONS and PCAs include both acute and chronic pain.

Central neuraxis blocks include:

- Single shot epidurals for CHRONIC pain.
- Epidural catheters for CHRONIC pain.
- Single shot caudals for CHRONIC pain.
- Caudal catheters for CHRONIC pain.
- Intrathecal for CHRONIC pain.

Consultations include:

- Initial encounters on CHRONIC pain INPATIENTS.
- Initial encounters on ACUTE postoperative pain INPATIENTS.
- Initial AND follow-up encounters on CHRONIC pain OUTPATIENTS.

PCA includes:

- Initial PCA orders ONLY. Includes both ACUTE and CHRONIC pain.

Peripheral nerve blocks (Pain Mgt.) includes:

- Head and neck blocks for CHRONIC PAIN.
- Truncal blocks for CHRONIC PAIN.
- Upper and lower extremity blocks for CHRONIC PAIN.