**Continued Accreditation Application: Pediatric Anesthesiology (Anesthesiology)**

401 North Michigan Avenue · Chicago, Illinois 60611 · United States · +1.312.755.7042

www.acgme-i.org

**Submission for Continued Accreditation:** This Advanced Specialty application is for programs applying for **Continued Accreditation ONLY** and is used in conjunction with the Accreditation Data System (ADS).

All sections of the form applicable to the program must be completed in order for it to be accepted for review. The information provided should describe the existing program. For items that do not apply, indicate “N/A” in the space provided. Where patient numbers are requested, provide exact numbers as requested and indicate the exact dates for the data entered. If any requested information is unavailable, an explanation must be given and it should also be indicated as unavailable in the appropriate place on the form. Once the form is complete, number the pages sequentially in the bottom center.

The program director is responsible for the accuracy of the information supplied in this form and must sign it. It must also be signed by the designated institutional official (DIO) of the Sponsoring Institution, who will submit the application electronically in ADS.

Review the International Foundational Program Requirements for Graduate Medical Education and Advanced Specialty Program Requirements for Graduate Medical Education in Pediatric Anesthesiology. The International Foundational, Advanced Specialty, and Institutional Requirements may be downloaded from the ACGME International website: [www.acgme-i.org](http://www.acgme-i.org/).

Email questions regarding the form’s content to acgme-i@acgme-i.org.

Email questions regarding ADS to ADS@acgme.org (type the program number in the subject line).

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| --- |
| Program Name: Click here to enter text. |

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**Introduction**

**Duration and Scope of Education**

|  |
| --- |
| * + - 1. What will be the length, in months, of the educational program?

Choose a length. |

**Institutions**

**Sponsoring Institution**

1. Does the fellowship program function as an integral part of an ACGME-I-accredited residency in anesthesiology? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

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| Click here to enter text. |

1. Is the primary clinical site a general hospital or a children’s hospital? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

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**Program Personnel and Resources**

**Program Director**

1. Does the program director possess the following qualifications?
2. Completion of a pediatric anesthesiology fellowship or at least three years participation in a pediatric anesthesiology fellowship as a faculty member [ ] YES [ ] NO
3. Post-residency experience in clinical pediatric anesthesiology [ ] YES [ ] NO
4. Current appointment as a member of the anesthesiology residency faculty at the primary clinical site [ ] YES [ ] NO
5. Academic achievements appropriate to pediatric anesthesiology [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

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**Faculty**

1. Are there at least three faculty members, including the program director? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

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1. How does the program ensure that all faculty members have fellowship education or post-residency experience in clinical pediatric anesthesiology? (Limit 400 words)

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1. Do fellows have access to consultants in the following pediatric subspecialties?
2. Child neurology [ ] YES [ ] NO
3. Neonatology [ ] YES [ ] NO
4. Pediatric cardiology [ ] YES [ ] NO
5. Pediatric critical care [ ] YES [ ] NO
6. Pediatric emergency medicine [ ] YES [ ] NO
7. Pediatric pulmonology [ ] YES [ ] NO
8. Pediatric radiology [ ] YES [ ] NO
9. Pediatric surgery [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

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| Click here to enter text. |

1. Are the following pediatric surgical specialists available for the education of the fellows?
2. Neurological surgeons [ ] YES [ ] NO
3. Orthopaedic surgeons [ ] YES [ ] NO
4. Otolaryngologists [ ] YES [ ] NO
5. Plastic surgeons [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

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**Other Program Personnel**

1. Describe how the program ensures that allied health staff members and other appropriate support personnel with subspecialty experience are available to support the program. (Limit 250 words)

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**Resources**

1. Does the primary clinical site have the following?

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Yes** | **No** | **Number of Beds** |
| An emergency department where children can be managed 24 hours a day |[ ] [ ]  # |
| Neonatal Intensive Care Unit |[ ] [ ]  # |
| Pediatric Intensive Care Unit |[ ] [ ]  # |
|   |  |  |  |

1. Briefly describe how the program provides consultations for pediatric patients in the emergency room. (Limit 250 words)

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1. Provide the data requested for each participating site listed in ADS. Use the site numbers as indicated in ADS. The primary clinical site is site #1.

Inclusive Dates: Click here to enter date Click here to enter date

|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| --- | --- | --- | --- | --- |
| **Total** | **Peds** | **Total** | **Peds** | **Total** | **Peds** | **Total** | **Peds** |
| **Number of Anesthetics Administered Annually by:** |
| Residents and/or fellows | # | # | # | # | # | # | # | # |
| Attending staff | # | # | # | # | # | # | # | # |
| Certified Registered Nurse Anesthetist (CRNA) | # | # | # | # | # | # | # | # |
| **Total** | **#** | **#** | **#** | **#** | **#** | **#** | **#** | **#** |
| Total pediatric beds | **#** | **#** | **#** | **#** |
| **Anesthetizing Locations** |
| Total number of operating rooms | # | # | # | # |
| Operating rooms designed and equipped for pediatric patients | **#** | **#** | **#** | **#** |
| Number of anesthetizing locations used regularly and simultaneously | # | # | # | # | # | # | # | # |

Describe any other anesthetizing areas. Include the name and describe the function of each.

(Limit 250 words)

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1. Is there a separate post-anesthesia care unit for pediatric patients at the primary clinical site?

 [ ]  YES [ ]  NO

If ‘NO,’ how are these patients cared for post-operatively? (Limit 250 words)

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1. Is there monitoring and advanced life support equipment representative of current levels of technology at each of the required participating sites? [ ]  YES [ ]  NO

Explain if ‘NO.’ (Limit 250 words)

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1. Are clinical services available that provide prompt laboratory results pertinent to the care of pediatric patients, including for the following?
2. Blood chemistries [ ]  YES [ ]  NO
3. Blood gases and pH [ ]  YES [ ]  NO
4. Clotting function [ ]  YES [ ]  NO
5. Hematocrit/hemoglobin [ ]  YES [ ]  NO
6. Oxygen saturation [ ]  YES [ ]  NO

Explain any ‘NO’ responses. (Limit 250 words)

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**Eligibility Criteria**

1. Describe how the program ensures that all fellows have completed an Accreditation Council for Graduate Medical Education- or ACGME-I-accredited anesthesiology residency program or an anesthesiology residency that is acceptable to the Sponsoring Institution’s Graduate Medical Education Committee. (Limit 300 words)

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**Specialty-Specific Educational Program**

**ACGME-I Competencies**

**Professionalism**

1. How do graduating fellows demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles, including trustworthiness, leadership skills, and the capacity to recognize that ambiguity is part of clinical medicine, and to respond by using appropriate resources in dealing with uncertainty?

Describe how this is evaluated. (Limit 400 words)

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**Patient Care and Procedural Skills**

1. How do graduating fellows demonstrate competence in providing patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health?

Describe how this is evaluated. (Limit 300 words)

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1. How do graduating fellows demonstrate competence in providing clinical consultation for both medical and surgical pediatric patients under the direction of faculty members, including assessment of the appropriateness of a patient’s preparation for surgery?

Describe how this is evaluated. (Limit 400 words)

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1. How do graduating fellows demonstrate competence in patient management and peri-operative care of neonates, infants, children, and adolescents, including the following?
2. Pre-operative assessment
3. Pharmacologic support of the circulation
4. Management of both normal peri-operative fluid therapy and massive fluid and/or blood loss
5. Interpretation of laboratory results
6. Post-anesthetic assessment and management of routine and medically challenging pediatric patients
7. Recognition, prevention, and treatment of pain in medical and surgical pediatric patients
8. Recognition and treatment of peri-operative vital organ dysfunction, including in the post-anesthesia care unit
9. Diagnosis and peri-operative management of congenital and acquired disorders
10. Participation in the care of critically ill pediatric patients in a neonatal and/or pediatric intensive care unit

Describe how competence is evaluated, emphasizing at least five of the areas listed. (Limit 500 words)

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1. How do graduating fellows demonstrate effective management of pediatric patients requiring general anesthesia for elective and emergent surgery for a wide range of surgical conditions, including neonatal surgical emergencies, cardiopulmonary bypass, and congenital disorders, including the following?
2. Techniques for administering regional anesthesia for inpatient and ambulatory surgery
3. Sedation or anesthesia outside the operating rooms, including for those patients undergoing procedures
4. Cardiopulmonary resuscitation (CPR) and advanced life support
5. Management of normal and abnormal airways
6. Mechanical ventilation
7. Temperature regulation
8. Placement of venous and arterial catheters

Describe how four of the seven skills listed are evaluated. (Limit 400 words)

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1. How does the program ensure that all fellows maintain certification as providers of pediatric advanced life support? (Limit 300 words)

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**Medical Knowledge**

1. How do graduating fellows demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care?

Describe how knowledge is evaluated. (Limit 400 words)

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1. How do graduating fellows demonstrate knowledge of the following?
2. Airway problems common in children
3. Cardiovascular, respiratory, renal, hepatic, and central nervous system physiology, pathophysiology, and therapy
4. Coagulation abnormalities and therapy
5. Congenital anomalies and developmental delay
6. CPR
7. Effects of anesthetics on the developing brain
8. Ethical and legal aspects of care
9. Infectious disease pathophysiology and therapy
10. Medical and surgical problems common in children
11. Metabolic and endocrine effects of surgery and critical illness
12. Neonatal physiology and pharmacology
13. Normal and abnormal physical and psychological development
14. Organ transplantation in children
15. Pain management in pediatric patients of all ages
16. Pharmacokinetics and pharmacodynamics, and mechanisms of drug delivery
17. Post-anesthetic care and critical care management
18. Transport of critically ill patients
19. Trauma, including burn management
20. Use and toxicity of local and general anesthetic agents

Provide an example of how knowledge is assessed in 10 of the 19 areas listed. (Limit 600 words)

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| Click here to enter text. |

**Practice-based Learning and Improvement**

1. How do graduating fellows demonstrate their ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning?

Describe how these skills are evaluated. (Limit 300 words)

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**Interpersonal and Communication Skills**

1. How do graduating fellows demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals?

Describe how these skills are evaluated. (Limit 300 words)

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**Systems-based Practice**

1. How do graduating fellows demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care?

Describe how these skills are evaluated. (Limit 300 words)

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**Regularly Scheduled Educational Activities**

1. Complete Appendix A., Formal Didactic Sessions by Academic Year, and attach to submission.
2. Does the didactic curriculum include the following?
3. Peer-reviewed case conferences [ ] YES [ ] NO
4. Morbidity and mortality conferences [ ] YES [ ] NO
5. Multidisciplinary conferences [ ] YES [ ] NO
6. Departmental grand rounds [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

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1. Describe how the program ensures that faculty members and fellows are actively involved in planning and conducting the conferences. (Limit 250 words)

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1. Describe how the program ensures that multidisciplinary conferences and case presentations involve faculty members from other specialties. (Limit 250 words)

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**Clinical Experiences**

If the program is 12 months in length, answer Question 1 and then skip to Question 3; if the program is 24 months in length, skip Question 1 and begin with Question 2.

1. For programs that are 12 months in length, indicate the number of months fellows are engaged in the following:
2. Completing required clinical experiences #
3. Conducting research #
4. Elective rotations #
5. Clinical experiences outside the primary clinical site #
6. For programs that are 24 months in length, indicate the number of months fellows are engaged in the following:
7. Completing required clinical experiences #
8. Conducting research #
9. Elective rotations #
10. Clinical experiences outside the primary clinical site #
11. Does the program have a specialty-specific policy regarding substance abuse? [ ] YES [ ] NO

Explain if ‘NO.’ (limit 250 words)

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| Click here to enter text. |

1. Describe how the curriculum is designed to allow fellows to develop self-assessment and reflection skills and habits. (Limit 300 words)

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1. Describe how the curriculum is designed to allow fellows to develop effective communication skills in acquisition of informed consent, description and management of the patient care plan, and disclosure and management of complications/errors. (Limit 300 words)

|  |
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1. Describe how the curriculum is designed to allow fellows to develop competence in providing psychological support to patients and their families. (Limit 300 words)

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1. Describe how the curriculum is designed to allow fellows to develop a commitment to carrying out professional responsibilities and adherence to ethical principles, including compassion, integrity, and respect for others; responsiveness to patient needs; respect for patient privacy and autonomy; accountability to patients, society, and the profession; sensitivity and responsiveness to a diverse patient population; and compliance with institutional, departmental, and program policies. (Limit 300 words)

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1. Describe how the curriculum is designed to allow fellows to work in interprofessional teams; identify system errors and assist in the implementation of potential system solutions; and be involved in continuous quality improvement, utilization review, and risk management. (Limit 300 words)

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**Fellows’ Scholarly Activities**

1. Describe the curriculum in research design and the interpretation and presentation of data. Include in the response the topics that will be covered, and the type and number of sessions planned. (Limit 400 words)

|  |
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| Click here to enter text. |

2 Describe how the program ensures that each fellow designs, conducts, and disseminates a scholarly project in the area of pediatric anesthesiology. (Limit 300 words)

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**Appendix A. Formal Didactic Sessions by Academic Year**

For each year of the fellowship, attach (Label: Appendix A.) a list of all scheduled didactic courses (including discussion groups, seminars and conferences, grand rounds, basic science, skills labs, and journal club) at all participating sites to which fellows rotate, using the format below. If attended by fellows from multiple years, list in each year but provide a full description *only the first time a site is listed*.

Number sessions **consecutively** from the first year through the final year so the scheduled didactic sessions can be easily referenced throughout the application. **Be brief and use the outline that follows.**

Year in the program:

Number:                Title:

a) Type of Format (e.g., seminar, conference, discussion groups)

b) Required or elective

c) Brief description (three or four sentences)

d) Frequency, length of session, and total number of sessions

**Example:**

|  |
| --- |
| Y-101. Introduction to pediatric anesthesiologya) Seminarb) Required Y-1c) Survey of contemporary methods and styles of pediatric anesthesiology, including approaches to clinical work with minority populationsd) Weekly, for 8 sessions02. Departmental Grand Roundsa) Discussion groupsb) Required, Y-1, Y-2, Y-3; Elective c) Clinical case presentations, sponsored by each departmental division, followed by discussion and review of contemporary state of knowledge. Format includes fellow presentations and discussions with additional faculty discussant.d) Twice monthly, 24 sessions |

If fellow attendance is monitored, explain how this is accomplished and how feedback is given regarding non-attendance. (Limit 250 words)

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| Click here to enter text. |