**New Application: Reproductive Endocrinology and Infertility**

**(Obstetrics and Gynecology)**

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

www.acgme-i.org

**Submission for Initial Accreditation:** This Advanced Specialty Application is for programs applying for **Initial 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 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 Reproductive Endocrinology and Infertility. 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](mailto:acgme-i@acgme-i.org).

Email questions regarding ADS to [ADS@acgme.org](mailto: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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**New Application: Critical Care Medicine (Internal Medicine)**

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**Introduction**

**Duration and Scope of Education**

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

**Institutions**

**Sponsoring Institution**

1. Will the fellowship function as an integral part of an ACGME-I-accredited residency in obstetrics and gynecology? YES NO

Explain if ‘NO.’ (Limit 250 words) For information on independent subspecialty status, email [acgme-i@acgme-i.org](mailto:acgme-i@acgme-i.org).

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1. Describe how the residency and fellowship programs will complement each other and how the program will ensure that the educational opportunities for fellows and residents are separate and clearly delineated. (Limit 250 words)

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**Program Personnel and Resources**

**Program Director**

1. Will the program director:
2. have five years of experience as a reproductive endocrinology and infertility specialist? YES NO
3. actively care for patients in the subspecialty? YES NO
4. demonstrate a record of ongoing involvement in scholarly activity in reproductive endocrinology and infertility? YES NO
5. monitor the impact of other learners on the fellows’ experiences? YES NO

Explain any ‘NO’ response(s). (Limit 250 words)

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**Faculty**

1. In addition to the program director, will the faculty include the following?
2. At least one core faculty member YES NO
3. A core faculty member who is qualified to serve as a research mentor to the fellows YES NO

Explain any ‘NO’ response(s). (Limit 250 words)

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| Click here to enter text. |

1. ​Complete the table below to indicate the faculty members with expertise in each specified area.​

|  |  |
| --- | --- |
| Practice Area | Faculty Member Name(s) |
| Embryology |  |
|  |
|  |
|  |
| Genetics |  |
|  |
|  |
|  |
| Male infertility |  |
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| Medical endocrinology |  |
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| Pediatric endocrinology |  |
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​​List the names and specialty for any faculty members not included in the table above.

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**Resources**

* + 1. Enter the total number of procedures for a recent one-year period at each participating site. Site numbers must match those listed on the Sites tab in ACGME-I’s Accreditation Data System (ADS). If the count is zero, enter 0.

Data is for the period from Click or tap to enter a date. to Click or tap to enter a date.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| **In Vitro Fertilization (IVF)** | | | | |
| Retrievals | # | # | # | # |
| Transfers (includes mock) | # | # | # | # |
| Approximate percent of procedures available for fellow education | # | # | # | # |
| **Intrauterine Insemination** | | | | |
| Intrauterine insemination | # | # | # | # |
| Approximate percent of procedures available for fellow education | # | # | # | # |
| **Ultrasound** | | | | |
| Complete gynecologic scans | # | # | # | # |
| First trimester pregnancies | # | # | # | # |
| Follicle scans | # | # | # | # |
| Saline sonograms | # | # | # | # |
| Approximate percent of procedures available for fellow education | # | # | # | # |
| **Hysteroscopies** | | | | |
| Operative | # | # | # | # |
| Approximate percent of procedures available for fellow education | # | # | # | # |
| **Laparoscopies** | | | | |
| Diagnostic | # | # | # | # |
| Operative - non-robotic | # | # | # | # |
| Operative - robotic | # | # | # | # |
| Approximate percent of procedures available for fellow education | # | # | # | # |
| **Laparotomies** | | | | |
| Myomectomy | # | # | # | # |
| Tubal anastomosis | # | # | # | # |
| Endometriosis | # | # | # | # |
| Approximate percent of procedures available for fellow education | # | # | # | # |
| **Surgery for Developmental Abnormalities** | | | | |
| Any type | # | # | # | # |
| Approximate percent of procedures available for fellow education | # | # | # | # |

If additional sites are planned, describe the procedures available at each. (Limit 250 words)

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| Click here to enter text. |

* + 1. Using the site number assigned in ADS, check the appropriate box to indicate the resources provided at each of the planned participating sites. *Note that Site #1 is the primary clinical site.*

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Participating Site Number in ADS** | **Ambulatory Facilities** | | **Ultrasound Imaging** | | **Blood Bank** | | **Operating Rooms for Open and Endoscopic Procedures** | | **Recovery Rooms** | |
| **YES** | **NO** | **YES** | **NO** | **YES** | **NO** | **YES** | **NO** | **YES** | **NO** |
| **Site #1** |  |  |  |  |  |  |  |  |  |  |
| **Site #2** |  |  |  |  |  |  |  |  |  |  |
| **Site #3** |  |  |  |  |  |  |  |  |  |  |
| **Site #4** |  |  |  |  |  |  |  |  |  |  |

If additional sites are planned, describe the resources available at each. (Limit 250 words)

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* + 1. Will facilities be available to perform the following?

1. Andrology testing YES NO
2. Bone densitometry testing YES NO
3. Computerized axial tomography YES NO
4. Embryo culture YES NO
5. Fertilization YES NO
6. Hormone assays YES NO
7. Hysterosalpingography YES NO
8. Magnetic resonance imaging YES NO
9. Oocyte identification YES NO
10. Sonohysterography YES NO

Explain any ‘NO’ response(s). (Limit 250 words)

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| Click here to enter text. |

* + 1. Will the program have access to adequate research infrastructure, including equipment, statistical support, and personnel to conduct research training? YES NO

Explain if ‘NO.’ (Limit 250 words)

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* + 1. Will individual patient medical records be available for clinical research, outcome reporting, patient care, and quality improvement projects? YES NO

Explain if ‘NO.’ (Limit 250 words)

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| Click here to enter text. |

**Eligibility Criteria**

1. How will the program ensure that all fellows have completed an ACGME-I-accredited obstetrics and gynecology residency program, or another obstetrics and gynecology program acceptable to the Sponsoring Institution’s Graduate Medical Education Committee (GMEC)? (Limit 300 words)

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**Specialty-Specific Educational Program**

**ACGME-I Competencies**

**Professionalism**

1. How will graduating fellows demonstrate a commitment to carrying out professional responsibilities, an adherence to ethical principles, and high standards of ethical behavior, including maintaining appropriate professional boundaries and relationships with other physicians and other health care team members and avoiding conflicts of interest?

Describe how this will be evaluated. (Limit 300 words)

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**Patient Care and Procedural Skills**

1. How will graduating fellows demonstrate the ability to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health?

Describe how this will be evaluated. (Limit 300 words)

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1. How will graduating fellows demonstrate competence in the management of clinical problems affecting the development, function, and aging of the female and male reproductive systems, to include the following?
2. Fertility disorders, including ovarian stimulation for the purposes of fertility enhancement and techniques of assisted reproduction
3. Genetic issues related to the evaluation and management of patients and their partners
4. Oncofertility and fertility preservation
5. Psychological, sexual, legal, and ethical implications of reproductive and gender issues
6. Reproductive disorders, including abnormal uterine bleeding; climacteric; contraception; endometriosis; fibroids; hypothalamic, ovarian, pituitary, and adrenal axis disorders; and structural abnormalities of the reproductive tract

Describe how competence will be evaluated in three of the five areas listed. (Limit 300 words)

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1. How will fellows demonstrate a commitment to the fundamental ethical and legal principles as practiced in their country or jurisdiction in the following areas?
2. Comprehensive family planning
3. Gender and reproductive care

Describe how competence will be assessed in each of the areas listed. (Limit 250 words)

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1. How will graduating fellows demonstrate sensitivity to the ethical, legal, psychological, and sexual implications of reproductive issues, including gamete donation fertility preservation, and third-party reproduction? (Limit 300 words)

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1. How will graduating fellows demonstrate competence in the use of cost-effective approaches to the management of infertility? (Limit 300 words)

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1. How will graduating fellows demonstrate competence in specialized surgical procedures, including the following?
2. Embryo transfer (live, mock, or simulation)
3. Hysteroscopy
4. Laparoscopy
5. Operative procedures for the management of acquired and developmental abnormalities of the reproductive tract, to include endometriosis, fibroids, müllerian anomalies, and tubal disease
6. Oocyte retrieval

Describe how competence will be assessed in three of the five areas listed. (Limit 400 words)

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1. How will graduating fellows demonstrate competence in the following?
2. Interpretation of all imaging modalities used in the practice of reproductive endocrinology and infertility
3. Performance of hysterosalpingography
4. Performance of sonohysterography
5. Performance of transvaginal ultrasound and transabdominal ultrasound

Describe how competence will be assessed in three of the four areas listed. (Limit 300 words)

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**Medical Knowledge**

1. How will 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 this will be evaluated. (Limit 400 words)

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1. How will graduating fellows demonstrate knowledge of the following topics as they relate to reproductive endocrinology and infertility?
   1. Abnormal uterine bleeding
   2. Adrenal function and disease states
   3. Amenorrhea
   4. Clinical diagnostic techniques
   5. Contraception
   6. Embryology
   7. Endocrinology of pregnancy
   8. Endometriosis
   9. Female infertility
   10. Genetics
   11. Male infertility
   12. Neuroendocrine function and disease states
   13. Oncofertility and fertility preservation
   14. Ovarian function and disease states
   15. Physiology and endocrinology of the climacteric
   16. Psychological, sexual, legal, and ethical implications of reproductive and gender issues
   17. Puberty
   18. Recurrent pregnancy loss
   19. Statistics
   20. Techniques of assisted reproduction
   21. Thyroid function and disease states
   22. Use of cost-effective approaches to the management of infertility
   23. Use of laboratory methodology, applications, and techniques of reproductive endocrinology

Describe how knowledge will be assessed in eight of the 23 areas listed. (Limit 500 words)

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1. How will graduating fellows demonstrate knowledge of the indications, techniques, complications, follow-up, and limitations of the diagnostic and surgical procedures used in clinical reproductive endocrinology and infertility? (Limit 400 words)

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**Practice-based Learning and Improvement**

* + - 1. How will 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 will be evaluated. (Limit 300 words)

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**Interpersonal and Communication Skills**

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

Describe how these skills will be evaluated. (Limit 300 words)

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**Systems-based Practice**

1. How will 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 will be 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. Will the didactic curriculum include the following?
3. A minimum of one hour per week of didactic sessions (averaged over four weeks) YES NO
4. Basic science as it pertains to reproductive endocrinology and infertility YES NO
5. Clinical aspects of reproductive endocrinology and infertility YES NO
6. Didactic sessions presented at the primary clinical site YES NO
7. Multidisciplinary inter-professional conferences YES NO
8. The majority of didactic sessions presented by faculty members YES NO

Explain any ‘NO’ response(s). (Limit 250 words)

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**Clinical Experiences**

1. How will the program ensure each fellow has a minimum of 18 months in a 36-month program or 24 months in a 48-month program that consists of either block time and/or structured longitudinal experiences? (Limit 300 words)

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1. How will the program ensure each fellow participates in elective experiences consistent with the program’s aims? (Limit 300 words)

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**Scholarly Activity**

**Fellow Scholarly Activity**

1. Will there be a structured research curriculum? YES NO

If “YES,” will the curriculum include the following?

1. Data analysis YES NO
2. Grant writing YES NO
3. Opportunities for fellows to present their academic contributions YES NO
4. Research design YES NO
5. Research methodology YES NO

Explain any ‘NO’ response(s). (Limit 250 words)

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1. Will the scholarly experience:
2. begin in the first year of the program and continue for the entire length of the educational program? YES NO
3. provide sufficient time for completion of a scholarly project and presentation of the results? YES NO

Explain any ‘NO’ response(s). (Limit 250 words)

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**The Learning and Working Environment**

**Quality Improvement**

1. How will the program ensure that fellows develop the skills and habits necessary to regularly review individual program and other assisted reproductive technologies outcome data to assess and improve patient outcomes? (Limit 300 words)

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1. How will the program ensure its active participation in clinical databases used to assess and improve patient outcomes? (Limit 300 words)

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**Supervision and Accountability**

1. How will the program ensure that fellows are not regularly relied upon to provide clinical service that exceeds the educational value of the activity, such as follicular monitoring? (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 will 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 that 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-1  01. Introduction to reproductive endocrinology and infertility  a) Seminar  b) Required Y-1  c) Survey of contemporary methods and styles of reproductive endocrinology and infertility, including approaches to clinical work with minority populations  d) Weekly, for 8 sessions  02. Departmental Grand Rounds  a) Discussion groups  b) 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 will be monitored, explain how this will be accomplished and how feedback will be given regarding non-attendance. (Limit 250 words)

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