**New Application: Gastroenterology (Internal Medicine)**

**Review Committee-International**

401 N. Michigan Avenue • Chicago, Illinois 60611 • United States • +1.312.755.7042 • www.acgme-i.org

**Submission for Initial Accreditation:** This Advanced Specialty Program Information Form (PIF) 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 in order 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 an estimate of last year’s numbers. If any requested information is not available, an explanation must be given and it should be so indicated in the appropriate place on the form. Once the forms are 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.

Review the International Foundational Program Requirements for Graduate Medical Education and Advanced Specialty Program Requirements for Graduate Medical Education in Gastroenterology. 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).

For questions regarding the form’s content, contact acgme-i@acgme-i.org

For questions regarding ADS, email WebADS@acgme.org (type your program number in the subject line).

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| Program Name:Click here to enter text. |

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When you have the completed forms, **number each page sequentially in the bottom center**. Report this pagination in the Table of Contents and submit this cover page with the completed PIF.

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**Introduction**

**Duration and Scope of Education**

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

**Institutions**

**Sponsoring Institutions**

1. Will the fellowship function as an integral part of an ACGME-I-accredited residency in internal medicine?

 [ ] YES [ ] NO

Explain if ‘NO’ (Limit 250 words).

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**Faculty**

1. Will faculty members teach and supervise fellows in the performance and interpretation of procedures?

 [ ] YES [ ] NO

1. Will fellow procedures, including indications, complications, post-procedural diagnoses and supervisor(s), be documented in their record? [ ] YES [ ] NO

Explain if ‘NO’ (Limit 250 words).

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**Resources**

1. Will facilities for the intensive care of critically-ill patients with gastrointestinal disorders be available?

 [ ] YES [ ] NO

Explain if ‘NO’ (Limit 250 words).

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1. If ‘YES,’ will these facilities have a working relationship with the following services?
2. Diagnostic radiology [ ] YES [ ] NO
3. General surgery [ ] YES [ ] NO
4. Oncology [ ] YES [ ] NO
5. Pathology [ ] YES [ ] NO
6. Pediatrics [ ] YES [ ] NO

Explain if ‘NO’ (Limit 250 words).

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1. Will the following resources be available?
2. A procedure laboratory completely equipped to provide modern capability in gastrointestinal procedures [ ] YES [ ] NO
3. Up-to-date diagnostic and therapeutic endoscopic instruments [ ] YES [ ] NO
4. Accessories with esophageal motility instrumentation [ ] YES [ ] NO
5. A laboratory for parasitology testing [ ] YES [ ] NO

Explain if ‘NO’ (Limit 250 words).

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1. Will the following support services be available?
2. Anesthesiology [ ] YES [ ] NO
3. Diagnostic radiology [ ] YES [ ] NO
4. General surgery [ ] YES [ ] NO
5. Interventional radiology [ ] YES [ ] NO
6. Medical imaging and nuclear medicine [ ] YES [ ] NO
7. Oncology [ ] YES [ ] NO
8. Pathology [ ] YES [ ] NO

Explain if ‘NO’ (Limit 250 words).

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**Fellow Appointment**

**Eligibility Criteria**

1. Describe how the program will ensure that, prior to appointment, fellows will have completed an ACGME-I-accredited internal medicine program. (Limit 250 words)

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**Specialty-Specific Educational Program**

**Regularly Scheduled Didactic Sessions**

1. Complete Appendix A., Formal Didactic Sessions by Academic Year, and attach to submission.
2. Will fellows have formal didactic sessions addressing the following?
3. The scientific method of problem solving and evidence-based decision making [ ] YES [ ] NO
4. Indications for diagnostic and therapeutic procedures integral to the discipline [ ] YES [ ] NO
5. Contraindications for diagnostic and therapeutic procedures integral to the discipline

 [ ] YES [ ] NO

1. Techniques for diagnostic and therapeutic procedures integral to the discipline [ ] YES [ ] NO
2. Limitations of diagnostic and therapeutic procedures integral to the discipline [ ] YES [ ] NO
3. Complications associated with diagnostic and therapeutic procedures integral to the discipline

 [ ] YES [ ] NO

1. Interpretation of results of diagnostic and therapeutic procedures integral to the discipline

 [ ] YES [ ] NO

1. Appropriate indications for and use of screening tests and procedures [ ] YES [ ] NO

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

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1. Will fellows have formal didactic sessions on the gastrointestinal system, including the liver, biliary tract, and pancreas, that address the following?
2. Anatomy [ ] YES [ ] NO
3. Physiology [ ] YES [ ] NO
4. Pharmacology [ ] YES [ ] NO
5. Pathology [ ] YES [ ] NO
6. Molecular biology [ ] YES [ ] NO

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

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1. Will fellows have formal didactic sessions addressing the following?
2. Esophageal dilation [ ] YES [ ] NO
3. Interpretation of abnormal liver chemistries [ ] YES [ ] NO
4. Liver transplantation [ ] YES [ ] NO
5. Nutrition [ ] YES [ ] NO
6. Retrieval of foreign bodies from the esophagus and stomach [ ] YES [ ] NO
7. Prudent, cost-effective, and judicious use of special instruments, tests, and therapy in the diagnosis and management of gastroenterologic disorders [ ] YES [ ] NO
8. Sedative pharmacology [ ] YES [ ] NO
9. Surgical procedures employed in relation to digestive system disorders and their complications

 [ ] YES [ ] NO

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

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**Clinical Experience**

* + - 1. Describe how the program will ensure that fellows have at least 18 months of clinical experience, of which the equivalent of five months is devoted to hepatology. (Limit 300 words)

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* + - 1. Will fellows have formal instruction and clinical experience in interpretation of the following diagnostic and therapeutic techniques and procedures?
				1. Endoscopic retrograde and cholangiopancreatography in all diagnostic and therapeutic applications

 [ ] YES [ ] NO

1. Enteral and parenteral alimentation [ ] YES [ ] NO
2. Esophageal dilation [ ] YES [ ] NO
3. Retrieval of foreign bodies from the esophagus and stomach [ ] YES [ ] NO
4. Interpretation of gastrointestinal and hepatic biopsies [ ] YES [ ] NO
5. Motility studies, including esophageal motility/pH studies [ ] YES [ ] NO
6. 24-hour pH monitoring [ ] YES [ ] NO

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

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1. Will fellows have clinical experience in the interpretation of imaging of the digestive system, including the following?
	* + - 1. Computed tomography (CT) [ ] YES [ ] NO
				2. CT entero/colography [ ] YES [ ] NO
				3. Contrast radiography [ ] YES [ ] NO
				4. Magnetic resonance imaging (MRI) [ ] YES [ ] NO
				5. Nuclear medicine [ ] YES [ ] NO
				6. Percutaneous cholangiography [ ] YES [ ] NO
				7. Ultrasound [ ] YES [ ] NO
				8. Endoscopic ultrasound [ ] YES [ ] NO
				9. Vascular radiography [ ] YES [ ] NO
				10. Wireless capsule endoscopy [ ] YES [ ] NO

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

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1. Will fellows have a structured continuity ambulatory clinic experience that exposes them to the breadth and depth of gastroenterology? [ ] YES [ ] NO
2. Will this experience include an appropriate distribution of patients of each gender and a diversity of ages? [ ] YES [ ] NO
3. Will fellows have an average of one half-day per week in the ambulatory clinic throughout their educational program? [ ] YES [ ] NO

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

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1. Describe how the program will ensure that each fellow, on average, will be responsible for four to eight patients during each half-day session and, on average, no more than eight to 12 patients during each half-day session. (Limit 300 words).

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1. Will the continuing patient care experience be interrupted by more than one month, excluding vacation?

 [ ] YES [ ] NO

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

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**Duty Hour and Work Limitations**

Describe how the program will ensure that direct supervision of procedures performed by each fellow will occur until competence has been acquired and documented by the program director.

(Limit 300 words)

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**ACGME-I Competencies**

**Patient Care**

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 proficiency in the practice in health promotion, disease prevention, diagnosis, care, and treatment of men and women from adolescence to old age, during health and all stages of illness?

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

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1. How will graduating fellows demonstrate proficiency in prevention, evaluation, and management of the following?
2. Acid peptic disorders of the gastrointestinal tract
3. Acute and chronic gallbladder and biliary tract diseases
4. Acute and chronic liver diseases
5. Acute and chronic pancreatic diseases
6. Care of patients under surgical care for gastrointestinal disorders
7. Diseases of the esophagus
8. Disorders of nutrient assimilation
9. Gastrointestinal and hepatic neoplastic disease
10. Gastrointestinal bleeding

Provide an example of how proficiency will be assessed in five of the nine areas listed. (Limit 500 words)

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1. How will graduating fellows demonstrate proficiency in prevention, evaluation, and management of the following?
2. Gastrointestinal diseases with an immune basis
3. Gastrointestinal emergencies in the acutely-ill patient
4. Gastrointestinal infections, including retroviral, mycotic, and parasitic diseases
5. Genetic/inherited disorders
6. Geriatric gastroenterology
7. Inflammatory bowel diseases
8. Irritable bowel syndrome
9. Motor disorders of the gastrointestinal track
10. Vascular disorders of the gastrointestinal tract
11. Women’s health issues in digestive diseases

Provide an example of how proficiency will be assessed in six of the 10 areas listed. (Limit 600 words)

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1. How will graduating fellows demonstrate proficiency in the following procedures?
2. Biopsy of the mucosa of the esophagus, stomach, small bowel, and colon
3. Capsule endoscopy
4. Colonoscopy with polypectomy
5. Conscious sedation
6. Esophagogastroduodenoscopy
7. Both upper and lower non-variceal hemostasis, including actively bleeding patients
8. Other diagnostic and therapeutic procedures utilizing enteral intubation
9. Paracentesis
10. Percutaneous endoscopic gastrostomy
11. Variceal hemostasis, including in actively bleeding patients

Provide an example of how proficiency will be assessed in six of the 10 areas listed. (Limit 600 words)

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**Medical Knowledge**

* + - 1. How will graduating fellows demonstrate proficiency in their 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 proficiency in their knowledge of the scientific method of problem solving and evidence-based decision making?

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

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1. How will graduating fellows demonstrate proficiency in their knowledge of indications, contraindications, and techniques for, and limitations, complications, and interpretation of results of those diagnostic and therapeutic procedures integral to the discipline, including the appropriate indication for and use of screening tests/procedures?

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

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1. How will graduating fellows demonstrate proficiency in their knowledge of anatomy, physiology, pharmacology, pathology, and molecular biology related to the gastrointestinal system, including the liver, biliary tract, and pancreas?

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

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1. How will graduating fellows demonstrate proficiency in their knowledge of the following?
2. Interpretation of abnormal liver chemistries
3. Liver transplantation
4. Nutrition
5. Prudent, cost-effective, and judicious use of special instruments, tests, and therapy in the diagnosis and management of gastroenterologic disorders
6. Sedative pharmacology
7. Surgical procedures employed in relation to digestive system disorders and their complications

Provide an example of how proficiency will be assessed in four of the six areas listed. (Limit 400 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, their families, and other health professionals?

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

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**Professionalism**

1. How will graduating fellows demonstrate a commitment to fulfilling their professional responsibilities and to adhering to ethical principles?

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

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Appendix A. Formal Didactic Sessions by Academic Year

For each year of the fellowship, please 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 attended by fellows using the format below. If attended by fellows from multiple years, list in each year but provide a full description only the first time.

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 group, etc.)

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 Gastroenterologya) Seminarb) Required Y-1c) Survey of contemporary methods and styles of gastroenterology, 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 Y-4c) 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 attendance is monitored, explain how this is accomplished and how feedback is given regarding non-attendance. (Limit 250 words)

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