# Gynecologic Reproductive Endocrinology and Infertility Training Experiences

**2024**
**VERSION 1.1**
**MINOR REVISION OCTOBER 2024**

*These training requirements apply to those who begin training on or after July 1, 2024.*

## ELIGIBILITY REQUIREMENTS TO BEGIN TRAINING

Royal College certification in Obstetrics and Gynecology

**OR**

Eligibility for the Royal College examination in Obstetrics and Gynecology

**OR**

Registration in a Royal College accredited residency program in Obstetrics and Gynecology[1]

A maximum of one year of training in GREI may be undertaken at the third- or fourth-year residency level during concurrent training for certification in Obstetrics and Gynecology.

## ELIGIBILITY REQUIREMENTS FOR EXAMINATION[2]

All candidates must be Royal College certified in Obstetrics and Gynecology in order to be eligible for the Royal College examination in Gynecologic Reproductive Endocrinology and Infertility.

The following training experiences are required, recommended, or optional, as indicated.

## TRANSITION TO DISCIPLINE (TTD)

*The focus of this stage is orientation of new trainees to the structure, policies, resources, and expectations of the Gynecologic Reproductive Endocrinology and Infertility (GREI) program and exposure to settings relevant to the GREI program. This stage also establishes a baseline for learning by assessing the resident's knowledge and skills. Trainees will learn to perform basic GREI assessments and acquire standard images using ultrasonography.*

[1] See the standards for Obstetrics and Gynecology on the "Information by Discipline" page of the Royal College website.
[2] These eligibility requirements do not apply to Subspecialty Examination Affiliate Program (SEAP) candidates. Please contact the Royal College for information about SEAP.

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**Required training experiences (TTD stage):**

1. Clinical training experiences
   1.1. GREI
      1.1.1. Clinic
      1.1.2. Ultrasound examinations

2. Other training experiences
   2.1. Orientation to the program and university, including the faculty and other residents, policies and procedures, resident wellness resources, learning resources, the GREI portfolio, and the assessment system
   2.2. Orientation to the clinical learning environment(s), including policies and procedures; information systems and, as applicable, electronic medical records; and relevant care protocols.
   2.3. Orientation to Competence by Design principles and practices
   2.4. Formal instruction in
      2.4.1. Critical after-hours patient presentations
      2.4.2. After-hours responsibilities

   2.5. Attendance at academic rounds
   2.6. Initiation of scholarly work, including identifying a research question and supervisor

**Recommended training experiences (TTD stage):**

3. Clinical training experiences
   3.1. After-hours coverage of the GREI service
   3.2. Observation in the in vitro fertilization room

4. Other training experiences
   4.1. Completion of an Advanced Cardiovascular Life Support (ACLS) course, or equivalent, if not already certified

**Optional training experiences**

5. Other training experiences
   5.1. Completion of a diagnostic ultrasound course

## FOUNDATIONS OF DISCIPLINE (F)

*The focus of this stage is the development of the knowledge and skills required to assess and manage patients presenting with infertility, including the technical skills of performing intrauterine inseminations.*

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**Required training experiences (Foundations stage):**

1. Clinical training experiences
   1.1. GREI
      1.1.1. Reproductive endocrinology clinic
      1.1.2. Ultrasound examinations
      1.1.3. Assisted reproductive technology (ART)
      1.1.4. After-hours coverage of the service

2. Other training experiences
   2.1. Formal instruction in the clinical and biomedical sciences relevant to GREI
   2.2. Attendance at academic rounds
   2.3. Critical appraisal activities, such as journal club
   2.4. Scholarly activity, including continuing the development and initiation of a scholarly project

**Recommended training experiences (Foundations stage):**

3. Clinical training experiences
   3.1. Observation of the nursing component of GREI services, or formal teaching about it, or both

## CORE OF DISCIPLINE (C)

*In this stage, residents experience the breadth of GREI practice with patients of all ages. Residents build on the broad base of knowledge and skills acquired in Foundations to add abilities related to the assessment and diagnosis of the full range of GREI presentations and to their management, using all available treatment modalities. Residents will perform the procedural skills required for practice in GREI. In addition to their clinical responsibilities, residents continue their scholarly projects and participate in teaching activities.*

**Required training experiences (Core stage):**

1. Clinical training experiences
   1.1. GREI
      1.1.1. Reproductive endocrinology clinic
      1.1.2. Longitudinal fellow clinic
      1.1.3. Ultrasound examinations
      1.1.4. ART facility
      1.1.5. In vitro fertilization procedure room
      1.1.6. Reproductive surgery
      1.1.7. After-hours coverage of the service

   1.2. Adult endocrinology and metabolism service
   1.3. Pediatric endocrinology and metabolism or pediatric gynecology service
   1.4. Menopausal medicine service

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1.5. Andrology or urology service
1.6. Embryology laboratory
1.7. Andrology laboratory, including observation of sperm assessment
1.8. Medical genetics or genetic counselling service

2. Other training experiences
   2.1. Formal instruction in
      2.1.1. The clinical and biomedical sciences relevant to GREI
      2.1.2. Regulatory legislation and regulations relevant to GREI
      2.1.3. Quality assurance (QA) and quality improvement (QI)
      2.1.4. Ethics relevant to GREI
      2.1.5. Resident wellness

   2.2. Attendance at academic rounds
   2.3. Critical appraisal activities, such as journal club
   2.4. Scholarly activity, including execution of a scholarly project
   2.5. QI activities (e.g., participation on patient safety committee, QI projects, practice assessment and review)
   2.6. Provision of teaching for students and junior residents

**Recommended training experiences (Core stage):**

3. Clinical training experiences
   3.1. Psychology or social work service

4. Other training experiences
   4.1. Participation in wellness activities specific to the program or department
   4.2. Attendance at a national or international scientific meeting or conference relevant to GREI
   4.3. Completion of an ACLS course, or equivalent, if not already certified

**Optional training experiences (Core stage):**

5. Clinical training experiences
   5.1. Maternal fetal medicine or obstetrical medicine clinic
   5.2. Operating room for performance of tubal reanastomosis
   5.3. Genetics laboratory
   5.4. Preconception counselling clinic
   5.5. Observation of a dietician or nutrition counsellor
   5.6. Weight loss management or bariatric medicine service
   5.7. Individualized or enhanced skills acquisition within outlying centres, relevant to individual interest, career plan, or community needs

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6. Other training experiences
   6.1. Participation in patient advocacy committees or activities

## TRANSITION TO PRACTICE (TTP)

*The focus of this stage is the consolidation of knowledge and skills required to manage a practice, including outpatient clinic(s) and procedures. This stage also serves to prepare residents for independent practice, with instruction and experience in areas of administrative and professional responsibility.*

### Required training experiences (TTP stage):

1. Clinical training experiences
   1.1. GREI in a role with enhanced independence
      1.1.1. Reproductive endocrinology clinic
      1.1.2. Longitudinal fellow clinic
      1.1.3. Ultrasound examinations
      1.1.4. ART facility
      1.1.5. In vitro fertilization procedure room
      1.1.6. After-hours coverage of the service

2. Other training experiences
   2.1. Formal instruction in practice management
   2.2. Formal or informal instruction in billing
   2.3. Attendance and presentation at academic rounds or conferences
   2.4. Critical appraisal activities, such as journal club
   2.5. Completion of scholarly project
   2.6. Provision of teaching for students and junior residents
   2.7. Participation in interprofessional meetings, such as quality, safety, and management meetings

### Recommended training experiences (TTP stage):

3. Other training experiences
   3.1. Presentation of research at a national or international conference
   3.2. Completion of an ACLS course, or equivalent, if not already certified

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## CERTIFICATION REQUIREMENTS

Royal College certification in Gynecologic Reproductive Endocrinology and Infertility requires all of the following:

1. Royal College certification in Obstetrics and Gynecology
2. Successful completion of the Royal College examination in Gynecologic Reproductive Endocrinology and Infertility
3. Successful completion of the Royal College Gynecologic Reproductive Endocrinology and Infertility Portfolio

### *NOTES:*

*The Gynecologic Reproductive Endocrinology and Infertility Portfolio refers to the list of entrustable professional activities across all four stages of the residency Competence Continuum and associated national standards for assessment and achievement.*

## *MODEL DURATION OF TRAINING*

*Progress in training occurs through demonstration of competence and advancement through the stages of the Competence Continuum. Gynecologic Reproductive Endocrinology and Infertility is planned as a 2-year residency program. There is no mandated period of training in each stage. Individual duration of training may be influenced by many factors, which may include the resident's singular progression through the stages, the availability of teaching and learning resources, and/or differences in program implementation. Duration of training in each stage is therefore at the discretion of the faculty of medicine, the competence committee, and the program director.*

### ***Guidance for programs***

*The Royal College Specialty Committee in Gynecologic Reproductive Endocrinology and Infertility's suggested course of training, for the purposes of planning learning experiences and schedules, is as follows:*

*2 months in Transition to Discipline*
*3 months in Foundations of Discipline*
*16 months in Core of Discipline*
*3 months in Transition to Practice*

### ***Guidance for postgraduate medical education offices***

*The stages of the Competence Continuum in Gynecologic Reproductive Endocrinology and Infertility are generally no longer than*

*2 months for Transition to Discipline*
*3 months for Foundations of Discipline*
*16 months for Core of Discipline*
*3 months for Transition to Practice*
*Total duration of training – 2 years*

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*This document is to be reviewed by the Specialty Committee in Gynecologic Reproductive Endocrinology and Infertility by December 31, 2026.*

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