

Reproductive Endocrinology and Infertility

REI1	Foundational Reproductive Endocrinology	Primary Category
REI1.1	Hormone Structure and Function	Subcategory
REI1.1.A	Demonstrate knowledge of hormone mechanisms of action	Task Statement
REI1.1.B	Demonstrate knowledge of metabolism of reproductive hormones	Task Statement
REI1.2	Basic Pharmacology	Subcategory
REI1.2.A	Demonstrate knowledge of pharmacodynamics of reproductive hormones	Task Statement
REI1.2.B	Demonstrate knowledge of pharmacokinetics of reproductive hormones	Task Statement
REI1.2.C	Demonstrate knowledge of mechanisms of action and side effects of medications used for treatment of reproductive endocrine disorders, infertility, and gender-affirming care	Task Statement
REI1.3	Laboratory Assays	Subcategory
REI1.3.A	Demonstrate knowledge of, interpret, and provide counseling/consultation on endocrine and immune assays, including molecular techniques and special considerations (eg, hook effect and heterophile antibodies)	Task Statement
REI2	Reproductive Endocrine Function and Disease	Primary Category
REI2.1	Reproductive Physiology Across the Lifespan	Subcategory
REI2.1.A	Evaluate, diagnose, manage, and provide counseling/consultation on abnormal puberty based on understanding of physiology of normal puberty	Task Statement
REI2.1.B	Demonstrate knowledge of the neuroendocrine control of the menstrual cycle	Task Statement
REI2.1.C	Evaluate, diagnose, manage, and provide counseling/consultation on menopausal transition and postmenopause and its sequelae	Task Statement
REI2.1.D	Evaluate, diagnose, manage, and provide counseling/consultation on abnormal menopause (eg, primary ovarian insufficiency, early, surgical)	Task Statement
REI2.2	Neuroendocrine Disorders	Subcategory
REI2.2.A	Evaluate, diagnose, manage, and provide counseling/consultation on disorders of GNRH and gonadotropin secretion and action	Task Statement
REI2.2.B	Evaluate, diagnose, manage, and provide counseling/consultation on prolactin disorders	Task Statement
REI2.2.C	Evaluate, diagnose, manage, and provide counseling/consultation on other pituitary hormones (eg, growth hormone, ACTH, TSH, oxytocin, vasopressin)	Task Statement
REI2.3	Thyroid Disorders	Subcategory
REI2.3.A	Evaluate, diagnose, manage, and provide counseling/consultation on thyroid disorders in the context of reproductive physiology	Task Statement
REI2.4	Endometrial Physiology and Abnormal Uterine Bleeding	Subcategory
REI2.4.A	Demonstrate knowledge of the normal endometrial response to reproductive hormones	Task Statement
REI2.4.B	Evaluate, diagnose, manage, and provide counseling/consultation on the endocrine causes of abnormal uterine bleeding, including amenorrhea	Task Statement
REI2.5	Ovarian and Adrenal Disorders (Idiopathic and Iatrogenic)	Subcategory
REI2.5.A	Evaluate, diagnose, manage, and provide counseling/consultation on health consequences of PCOS	Task Statement
REI2.5.B	Evaluate, diagnose, manage, and provide counseling/consultation on hyperandrogenism	Task Statement
REI2.5.C	Evaluate, diagnose, manage, and provide counseling/consultation on virilization	Task Statement
REI2.5.D	Demonstrate knowledge of the role and interpretation of provocative testing in the evaluation of adrenal disorders (eg, ACTH stimulation, dexamethasone suppression)	Task Statement
REI3	Conception and Pregnancy: Physiology and Pathology	Primary Category
REI3.1	Gamete Biology	Subcategory
REI3.1.A	Demonstrate knowledge of oogenesis, spermatogenesis, and folliculogenesis	Task Statement
REI3.1.B	Demonstrate knowledge of the key events of fertilization	Task Statement
REI3.2	Early Embryo Development	Subcategory

REI3.2.A	Demonstrate knowledge of the physiology and chronology of preimplantation embryo development	Task Statement
REI3.2.B	Demonstrate knowledge of the physiology and chronology of implantation, including disorders of implantation	Task Statement
REI3.2.C	Evaluate, diagnose, manage, and provide counseling/consultation on disorders of embryogenesis (eg, gonad [ovary, testes, ovotestes], DSD)	Task Statement
REI3.2.D	Demonstrate knowledge of and provide counseling/consultation on the risks of potential teratogens	Task Statement

REI3.3	Endocrinology of Pregnancy	Subcategory
REI3.3.A	Demonstrate knowledge of the endocrinology of the placenta and the maternal-fetal unit	Task Statement
REI3.3.B	Evaluate, diagnose, manage, and provide counseling/consultation on endocrine disorders in pregnancy (eg, thyroid, hyperandrogenism, diabetes, hyperemesis)	Task Statement

REI3.4	Early Pregnancy	Subcategory
REI3.4.A	Evaluate, diagnose, manage, and provide counseling/consultation on complications of early pregnancy (eg, pregnancy of unknown location/ectopic/heterotopic/multifetal gestation)	Task Statement
REI3.4.B	Evaluate, diagnose, manage, and provide counseling/consultation on early pregnancy loss and its complications (eg, retained tissue, endometritis, molar pregnancy, perforation, Asherman syndrome)	Task Statement
REI3.4.C	Demonstrate knowledge of and provide counseling/consultation on genetic analysis of products of conception tissue, including advantages and limitations	Task Statement

REI3.5	Recurrent Pregnancy Loss	Subcategory
REI3.5.A	Evaluate, diagnose, manage, and provide counseling/consultation on recurrent pregnancy loss, including causes of euploid and aneuploid pregnancy loss (eg, contribution of endocrine factors, immunologic factors, anatomic factors, genetic factors, relative incidence of each)	Task Statement
REI3.5.B	Demonstrate knowledge of and provide counseling/consultation on advantages and limitations of preimplantation genetic testing for abnormal parental karyotypes and unexplained recurrent pregnancy loss	Task Statement
REI3.5.C	Demonstrate knowledge of and provide counseling/consultation on the indications for supplemental progesterone, thyroid hormone supplementation, aspirin, heparin, and other available medical therapies for recurrent pregnancy loss	Task Statement

REI4	Fertility and Infertility	Primary Category
REI4.1	Female Fertility and Infertility	Subcategory
REI4.1.A	Demonstrate knowledge of the components of a comprehensive history and physical examination in the evaluation and management of reproductive disorders	Task Statement
REI4.1.B	Demonstrate knowledge of and provide counseling/consultation on contraceptive options and relevant mechanisms of action	Task Statement
REI4.1.C	Demonstrate knowledge of and provide counseling/consultation on preconception counseling (eg, reproductive aging, screenings, exposures, medical comorbidities, vaccinations, vitamins, supplements, lifestyle)	Task Statement
REI4.1.D	Demonstrate knowledge of the appropriate selection of diagnostic testing for female infertility, and interpret and provide counseling/consultation on the results (eg, ovarian reserve testing, ovulatory function, hysterosalpingography, HyCoSy, pelvic ultrasonography, MRI, hysterosonography, laparoscopy)	Task Statement
REI4.1.E	Demonstrate knowledge of and provide counseling/consultation on female fertility treatment options and success rates in the context of various infertility diagnoses (eg, ovulation induction, tubal anastomosis, tuboplasty, controlled ovarian stimulation, intrauterine insemination, ART)	Task Statement
REI4.1.F	Demonstrate knowledge of and provide counseling/consultation on long-term health and pregnancy risks of female infertility and fertility treatments (eg, multifetal pregnancy, OHSS, ovarian torsion, ectopic pregnancy)	Task Statement

REI4.2	Male Infertility	Subcategory
REI4.2.A	Demonstrate knowledge of the components of a comprehensive history in the evaluation of male infertility	Task Statement
REI4.2.B	Demonstrate knowledge of the appropriate selection of diagnostic testing for male infertility, and interpret and provide counseling/consultation on the results (eg, semen analysis, DNA fragmentation, postejaculatory urinalysis, hormonal testing, genetic testing)	Task Statement

REI4.2.C	Diagnose, differentiate, and provide counseling/consultation on different types of male infertility (eg, endocrine, genetic, and systemic disorders, primary testicular defects in spermatogenesis, sperm transport disorders, idiopathic male infertility)	Task Statement
REI4.2.D	Demonstrate knowledge of and provide counseling/consultation on efficacy, risks, and benefits of nonsurgical treatments for oligospermia (eg, clomiphene citrate, human chorionic gonadotropin, letrozole, supplements)	Task Statement
REI4.2.E	Demonstrate knowledge of, recognize indications for, and provide counseling/consultation on surgical management of male infertility (eg, sperm extraction techniques, vasectomy reversal, varicocele repair)	Task Statement
REI4.2.F	Demonstrate knowledge of and provide counseling/consultation on nonoperative management options for male infertility (eg, intracytoplasmic sperm injection, IUI, donor sperm)	Task Statement

REI4.3	Fertility Treatment: Special Considerations	Subcategory
REI4.3.A	Demonstrate knowledge of and provide counseling/consultation on third-party reproductive options (eg, donor gametes/embryos, gestational carrier, regulatory requirements, legal considerations)	Task Statement
REI4.3.B	Demonstrate knowledge of and provide counseling/consultation on LGBTQIA family-building options and care	Task Statement
REI4.3.C	Demonstrate knowledge of, manage, and provide counseling/consultation on fertility treatment in the context of complex medical conditions and gender-affirming care (eg, obesity, hematologic disorders, immunologic disorders)	Task Statement
REI4.3.D	Evaluate, diagnose, manage, and provide counseling/consultation for patients experiencing early pregnancy loss	Task Statement

REI4.4	Assisted Reproductive Technology (ART) Techniques	Subcategory
REI4.4.A	Demonstrate knowledge of and provide counseling/consultation on the fundamentals, selection, and optimization of ART treatment protocols including the impact on ART pregnancies	Task Statement
REI4.4.B	Demonstrate knowledge of, recognize indications for, manage complications related to, and provide counseling/consultation on transvaginal ultrasound-guided oocyte retrieval	Task Statement
REI4.4.C	Demonstrate knowledge of, recognize indications for, manage, and provide counseling/consultation on complications related to transabdominal ultrasound-guided oocyte retrieval	Task Statement
REI4.4.D	Demonstrate knowledge of and provide counseling/consultation on embryo transfer guidelines	Task Statement
REI4.4.E	Demonstrate knowledge of, manage (anticipate), and provide counseling/consultation on difficult embryo transfers	Task Statement
REI4.4.F	Demonstrate knowledge of, recognize indications for/contraindications against, manage complications related to, and provide counseling/consultation on ultrasound-guided ovarian cyst aspiration	Task Statement
REI4.4.G	Demonstrate knowledge of, recognize indications for, manage complications related to, and provide counseling/consultation on paracentesis/culdocentesis	Task Statement
REI4.4.H	Demonstrate knowledge of, recognize indications for, and provide counseling/consultation on embryology laboratory techniques (eg, ICSI, assisted hatching, cryopreservation, extended culture, embryo biopsy, implications for ART pregnancies)	Task Statement

REI4.5	Fertility Preservation	Subcategory
REI4.5.A	Demonstrate knowledge of and provide counseling/consultation on options for fertility preservation	Task Statement
REI4.5.B	Demonstrate knowledge and interpret the results of diagnostic testing, and provide counseling/consultation on implications for fertility preservation (eg, ultrasound, ovarian reserve markers)	Task Statement
REI4.5.C	Demonstrate knowledge of and provide counseling/consultation on expectations for fertility preservation in the context of age and comorbidities (planned/elective or medically indicated)	Task Statement
REI4.5.D	Demonstrate knowledge of and implement modifications to conventional ART protocols for cancer patients (eg, aromatase inhibitors to suppress estrogen levels, random start protocols to minimize delay)	Task Statement
REI4.5.E	Demonstrate knowledge of and provide counseling/consultation on fertility-sparing gynecologic surgery (eg, trachelectomy, cystectomy, unilateral oophorectomy)	Task Statement
REI4.5.F	Demonstrate knowledge of and provide counseling/consultation on surgical options for fertility preservation (eg, ovarian tissue preservation, ovarian transposition, experimental ovarian and uterine transplantation)	Task Statement

REI5	Anatomic Reproductive Disorders	Primary Category
REI5.1	Pelvic Adhesive Disease	Subcategory
REI5.1.A	Demonstrate knowledge on the etiology of, Evaluate, diagnose, manage, and provide counseling/consultation on pelvic adhesive disease	Task Statement
REI5.1.B	Demonstrate knowledge of and provide counseling/consultation on role of tubal surgery to optimize fertility in the setting of adhesions with or without hydrosalpinx	Task Statement
REI5.2	Endometriosis	Subcategory
REI5.2.A	Demonstrate knowledge of the etiology and potential sequelae of endometriosis	Task Statement
REI5.2.B	Diagnose endometriosis and provide counseling/consultation on medical vs. surgical management options, including reproductive and general health implications	Task Statement
REI5.2.C	Demonstrate knowledge of the selection and performance of appropriate surgical treatment for endometriosis	Task Statement
REI5.3	Adenomyosis	Subcategory
REI5.3.A	Demonstrate knowledge of the etiology and potential sequelae of adenomyosis	Task Statement
REI5.3.B	Diagnose adenomyosis and provide counseling/consultation on medical vs. surgical management options and implications for reproductive/general health	Task Statement
REI5.4	Congenital Anomalies of the Reproductive Tract	Subcategory
REI5.4.A	Demonstrate knowledge on the etiology of, Evaluate, diagnose, manage, and provide counseling/consultation on congenital anomalies of the reproductive tract in patients desiring fertility	Task Statement
REI5.4.B	Evaluate, diagnose, manage, and provide counseling/consultation on congenital anomalies of the reproductive tract in patients not desiring fertility	Task Statement
REI5.5	Asherman Syndrome	Subcategory
REI5.5.A	Demonstrate knowledge of and provide counseling/consultation on the etiology and sequelae of Asherman syndrome	Task Statement
REI5.5.B	Evaluate, diagnose, manage, and provide counseling/consultation on Asherman syndrome	Task Statement
REI5.5.C	Demonstrate knowledge of the selection and performance of appropriate surgical treatment for Asherman syndrome	Task Statement
REI5.6	Leiomyomas	Subcategory
REI5.6.A	Demonstrate knowledge of and provide counseling/consultation on the etiology and sequelae of leiomyomas	Task Statement
REI5.6.B	Demonstrate knowledge of and provide counseling/consultation on medical vs. procedural management options for leiomyomas, including associated reproductive and general health implications	Task Statement
REI5.6.C	Demonstrate knowledge of the selection and performance of appropriate surgical treatment for leiomyomas	Task Statement
REI5.7	Endometrial Polyps	Subcategory
REI5.7.A	Demonstrate knowledge of the etiology and sequelae of endometrial polyps	Task Statement
REI5.7.B	Demonstrate knowledge of and provide counseling/consultation on management options for endometrial polyps, including associated reproductive and general health implications	Task Statement
REI5.7.C	Demonstrate knowledge of the selection and performance of appropriate surgical treatment for endometrial polyps	Task Statement
REI6	Reproductive Genetics	Primary Category
REI6.1	Understanding of Genetic Testing and Screening	Subcategory
REI6.1.A	Demonstrate knowledge of the basic science of genetics, epigenetics, and genetic testing	Task Statement
REI6.1.B	Demonstrate knowledge of and interpret inheritance patterns of genetic disorders	Task Statement
REI6.1.C	Demonstrate knowledge of the spectrum, limitations, and indications for preconception genetic carrier screening	Task Statement
REI6.1.D	Demonstrate knowledge of the spectrum, limitations, and indications for preconception preimplantation genetic testing	Task Statement

REI6.1.E	Demonstrate knowledge of the spectrum, limitations, and indications for preconception antenatal genetic testing	Task Statement
REI6.2	Application of Genetic Screening and Testing to Patient Care	Subcategory
REI6.2.A	Demonstrate knowledge of, interpret, and provide counseling/consultation on preconception genetic screening results and implications	Task Statement
REI6.2.B	Demonstrate knowledge of, interpret, and provide counseling/consultation on genetic testing results and implications as they relate to female and male infertility diagnoses	Task Statement
REI6.2.C	Demonstrate knowledge of, interpret, and provide counseling/consultation on preimplantation genetic testing results	Task Statement