



BRIGHAM AND
WOMEN'S HOSPITAL

CENTER FOR
REPRODUCTIVE MEDICINE



Helping Build Healthy Families

- Infertility
- IVF
- Recurrent Pregnancy Loss
- Minimally Invasive Surgery
- Reproductive Health Care
 - Endometriosis
 - Fibroids
 - Menstrual Disorders

MARY HORRIGAN CONNORS
CENTER FOR WOMEN'S HEALTH



BRIGHAM AND
WOMEN'S HOSPITAL

CENTER FOR REPRODUCTIVE MEDICINE

Our office hours:

Monday through Friday, 8:00 a.m. – 4:30 p.m.
(*evening appointments can be scheduled*)

Assisted Reproductive Therapies Available:

Seven days a week

To choose a physician schedule an appointment, or receive
more information, call:

1-800-BWH-9999, or visit:
www.brighamandwomens.org

MARY HORRIGAN CONNORS
CENTER FOR WOMEN'S HEALTH



■ A Strong Tradition in Women's Health

- At the Center for Reproductive Medicine at Brigham and Women's Hospital we understand the difficulty some couples face when trying to have a baby. The expert physicians at our Center specialize in treating infertility and helping people build healthy families.

The most trusted name in women's health, Brigham and Women's Hospital has a long tradition of providing a caring and personal approach to expert evaluation and treatment. Our gynecological and obstetrical advances date from 1832 when one of our distinguished forerunners, the Boston Lying-in, became the country's first obstetrical hospital, to the first fertilization of a human ovum in a test tube in 1944, to today's cutting-edge program in reproductive medicine.

Who Should Consider a Consultation?

- Couples, age 35 and older, who have tried to conceive for six months or longer;
- Couples under age 35 who have tried to conceive for a year or longer;
- Women who have had two or more miscarriages;
- Women with irregular or painful menstrual cycles;
- Women with endometriosis, uterine fibroids or problems related to her menstrual cycle;
- Women and men who have concerns about their reproductive health.

Today, our state-of-the-art Center for Reproductive Medicine is internationally known for expanding the boundaries of reproductive medicine. Our physicians are world renowned for their expertise in the treatment of infertility and other reproductive disorders.

Personalized Approach to Care

At the Center for Reproductive Medicine, we understand that every couple, or individual, has personal and unique concerns – this is why we encourage each patient to be an active participant in her own care.

Through each step, we clearly explain every aspect of care – discussing all appropriate options and helping patients make the decisions that are best for them.

At the Center for Reproductive Medicine, our team of physicians, registered nurses, licensed social workers and support staff specialize in reproductive medicine. We work together to meet the personal needs of every patient.



■ Providing Paths to Success

- The Center for Reproductive Medicine at Brigham and Women's Hospital is one of the premier infertility programs in the country. Virtually every treatment approved in the United States is available to our patients – including one of the country's best in vitro fertilization (IVF) programs.

Recognized for Expertise and Excellence

- The Center is a member of the Society for Assisted Reproductive Technology (SART), which annually publishes objective and verifiable Assisted Reproductive Technology (ART) success rates.
- Our physicians are board certified by the American College of Obstetrics and Gynecology in Obstetrics and Gynecology, Reproductive Endocrinology, and Infertility. They are also members of the American Society for Reproductive Medicine, the Society of Reproductive Endocrinology and Infertility and the Society of Reproductive Surgeons.
- Our reproductive endocrine and IVF laboratories have been awarded accreditation by the Commission on Laboratory Accreditation of the College of American Pathologists and the American Association of Bioanalysts.
- Our physicians and scientists are on the faculty of Harvard Medical School.

Our Center has one of the highest numbers of physicians certified by the American Board of Obstetrics and Gynecology in reproductive endocrinology and infertility in the nation. All of our physicians have completed formal training in this specialized field, as well as in general obstetrics and gynecology.

At the Brigham and Women's Hospital Center for Reproductive Medicine, you will find that your caregivers are team-oriented and focused on helping you build a healthy family. The Center's doctors work closely with our committed and compassionate staff of registered nurses, counselors, embryologists, geneticists and support personnel to offer personalized care.

The Center has its own nationally certified, full-service laboratories, where our scientists perform an array of sophisticated tests. Lab services include hormone testing, semen analysis and sperm processing for inseminations and testing for genetic diseases. For high-resolution ultrasonography and other imaging procedures, our doctors work closely with Brigham and Women's Hospital radiologists, also renowned in their field.



- **Your Care**
- **Evaluation and Diagnosis**

Because the factors contributing to your infertility are unique and personal, our first stage of care is an extensive, cost-effective diagnostic evaluation.

Comprehensive Diagnostic Services

- Male and female fertility
- Menstrual disorders
- Ovulatory dysfunction
- Tubal dysfunction/blockage
- Recurrent pregnancy loss
- Premature menopause
- Congenital and acquired uterine malformations
- Endometriosis
- Uterine fibroids

This includes a comprehensive interview to gather your complete medical and family histories and any diagnostic tests necessary for a complete evaluation.

Treatment

Following evaluation and diagnosis, we will discuss your treatment options and work with you to choose the course that best meets your needs.

The broad range of reproductive options available to you includes:

Ovulation Induction and Intrauterine Insemination

This program combines medication to induce ovulation with the direct placement of sperm into the uterine cavity.

Therapeutic Donor Insemination

This safe, state-of-the-art program is an option for couples with severe male factor-related infertility and for women who do not have a male partner.

Assisted Reproductive Technologies (ART)

The Center for Assisted Reproduction is one of the oldest and best Assisted Reproductive Technology programs in the nation, utilizing a variety of treatments, including:

- IVF (in vitro fertilization);
- ICSI (intracytoplasmic sperm injection) and assisted hatching;
- IVF with donor eggs;
- Testicular biopsy and sperm freezing;
- Cryopreservation of embryos;
- Gestational carriers;
- Preimplantation genetic diagnosis (PGD).

(Please note: a glossary of these and other terms can be found at the back of this guide.)



Pre-implantation Genetic Diagnosis Program

For individuals concerned about passing on inheritable diseases and chromosomal abnormalities to their children or couples with recurrent pregnancy loss, prior failed IVF cycles, or advanced reproductive age, this program offers pre-pregnancy genetic testing and diagnosis.

Minimally Invasive Surgery

Laparoscopic and hysteroscopic procedures are among the options available to treat various reproductive disorders, including:

- tubal reconstruction, repair and tubal-ligation reversal;
- repair and reconstruction of uterine abnormalities;
- dysfunctional uterine bleeding;
- endometriosis;
- uterine fibroids.

Most procedures, including the latest in laser surgery, are performed on an outpatient basis.

Therapy for Uterine Fibroids and Endometriosis

Internationally recognized as a pioneer in the development of non-surgical therapy for uterine fibroids and endometriosis, the Center also offers a

variety of minimally invasive treatment options for these conditions.

World-Renowned Care

- Brigham and Women's Hospital has been rated by *U.S. News & World Report*[®] as one of the country's top hospitals for 12 years in a row.
- Brigham and Women's Hospital has been consistently rated by *U.S. News & World Report*[®] as having one of the top three gynecology programs in the country.
- Our Center's physicians have repeatedly been named as among the "Best Doctors in America[®]", and best doctors by "Boston Magazine."

Fertility Therapy for Cancer Patients and Survivors

The Center for Reproductive Medicine is one of the few centers in the world that offers specific evaluation and therapy for women undergoing chemotherapy and radiation treatment. Our specialized services include control of irregular bleeding, options to preserve fertility while undergoing chemotherapy, surgery to move ovaries out of the radiation field, assisted reproductive and embryo cryopreservation prior to cancer treatment.



Recurrent Pregnancy Loss

This evaluation and management of pregnancy loss focuses on all aspects of treatment, including medical, surgical and psychological care. These treatments have helped thousands of women, who have repeatedly lost pregnancies, build healthy families.

Hormonal Therapies

The Center for Reproductive Medicine also provides comprehensive care to reproductive women who have menstrual or hormonal concerns. From irregular bleeding to hormonal imbalances, our dedicated care teams provide individualized therapy options that are tailored to meet each woman's personal needs.

Call to Schedule an Appointment Today With Our Experts

For assistance in selecting a physician or making an appointment, contact our Physician Referral Service at **1-800-BWH-9999**. Our friendly and experienced referral coordinators are available Monday through Friday, between 8 a.m. and 5 p.m.

(Please Note: Brigham and Women's Hospital accepts most types of health insurance, including major managed care plans. If you have questions about coverage, please contact your insurance company's member-services representative.)



GLOSSARY

At Brigham and Women's Center for Reproductive Medicine, we will clearly explain every aspect of your care – discussing medical therapies and procedures in terms you will understand. This glossary provides you with a general overview of some of those terms. Your care team will expand on any questions that you may have.

Diagnostic Fertility Tests

Day 3 FSH Level: A blood test for a hormone of the pituitary gland (FSH), which increases as menopause approaches. The test is conducted on the third day of a woman's menstrual cycle.

Endometrial Biopsy: The removal of a small sample of uterine lining (endometrium) to determine if it has matured properly. The biopsy is conducted in the latter part of the cycle (the luteal phase) when maturation of the endometrium is necessary to sustain a fertilized egg.

Hysterosalpingogram (HSG): An x-ray test to determine if the fallopian tubes are open and if the cavity of the uterus is shaped normally. Dye is injected through the cervix into the uterus and fallopian tubes.

Hysteroscopic Procedures/Hysteroscopy: An examination of the uterine cavity in which a tiny telescope is inserted through the cervix into the uterus.

Laparoscopy: An examination of the pelvic organs using a small telescope inserted through the navel.

Progesterone Test: A blood test to confirm ovulation based on the level of the hormone progesterone. The test is given one week prior to the onset of menses when progesterone levels typically peak.

Semen Analysis: The laboratory evaluation of a collected sample of sperm for volume, sperm count, motility (percentage of sperm that are swimming) and morphology (the number that are normally shaped.)

Transvaginal Ultrasound (TVUS): The insertion of a plastic probe into the vagina to check conditions such as ovarian cysts or fibroids (non-cancerous tumors of the uterine wall that consist of fibrous and muscular tissue.) Follicle monitoring is also performed with transvaginal ultrasound.

Therapeutic Modalities

Fulguration of Endometriosis: The use of electrical or energy sources to destroy or excise endometriosis, which is the abnormal presence of uterine lining (endometrium) outside of the uterus.

Hysteroscopic Resection of Intrauterine Abnormalities/Ablation: The use of electric current to remove congenital or acquired abnormalities such as a septum or fibroid tumors, or to remove the intrauterine lining in cases of dysfunctional bleeding not responsive to medical therapy.

Laparoscopic Procedures/Surgery: Surgery performed through small incisions within the abdomen and pelvis.

Laparotomy: Conventional surgery, involving an abdominal incision, to treat abnormalities that occur within the abdomen.



Ovulation Induction: Hormonal therapy to stimulate the formation of eggs.

Tubal Reconstruction, Repair and Ligation Reversal: Procedures, mainly performed laparoscopically, to repair damaged fallopian tubes and to restore fertility to women who have undergone sterilization procedures.

Reproductive Resources

Cryopreservation: The freezing of sperm or fertilized eggs (embryos) for later use.

Donor Oocyte (Egg) Program: Women unable to produce their own eggs may use eggs donated by other women.

Donor Semen Program: For women without male partners or male partners with low sperm counts, semen may be obtained from a donor bank.

Assisted Reproductive Technologies

Assisted Hatching (AH): A laboratory procedure using microneedles to create a small opening in the shell of the fertilized egg. The opening may enhance the embryo's implantation.

Cryoembryo Transfer (CET): The placement of thawed embryos into the uterus, following hormone treatment to enhance implantation.

Gestational Carrier Program: A woman whose uterus cannot sustain a pregnancy can have another woman carry the pregnancy for her.

Intrauterine Insemination (IUI): The injection of a concentrated sample of motile sperm into the uterus at the optimal time for fertilization to take place.

In Vitro Fertilization (IVF): A procedure in which eggs are removed from the ovaries, mixed with sperm in the laboratory, placed in an incubator and, once fertilized, transferred into the uterus.

Intracytoplasmic Sperm Injection (ICSI): A variation of IVF in which each egg is directly injected with a single sperm via a microscopic needle.

Preimplantation Genetic Diagnosis (PGD): The removal of a single cell from an embryo for genetic analysis.

Testicular Sperm Extraction (TESE): A procedure to biopsy/aspirate and use sperm for IVF/ICSI in men who have sperm in their testes or the ducts emerging from them, but none in their ejaculate.

Reproductive Endocrine Conditions

Galactorrhea: A pathologic condition of leaking milk or other fluid from the breast that is often associated with irregular menstrual cycles.

Hirsutism: Excessive hair growth over the face, breast and abdomen, often associated with irregular or absent menstrual cycles.

Polycystic Ovarian Syndrome (PCOS): A reproductive endocrine abnormality involving the over-secretion of male hormones that may be responsible for menstrual irregularity, hirsutism and infertility.

Our Locations

Brigham and Women's Hospital Center for Reproductive Medicine has several locations where we offer our comprehensive array of services.

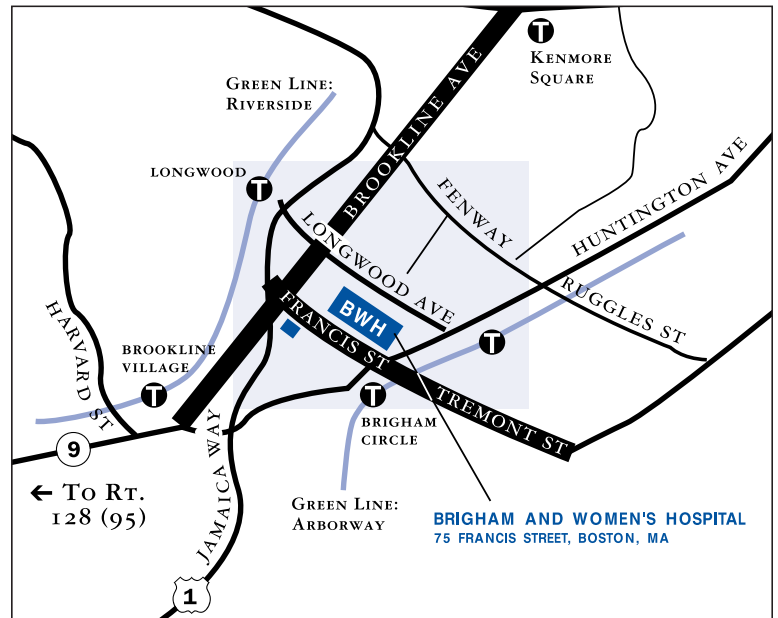
Massachusetts

Boston

Brigham and Women's Hospital Center for Reproductive Medicine

Brigham and Women's Hospital
75 Francis Street
Boston, MA 02115
(Valet parking at 75, 45 and 15 Francis Street locations)

Hours: 8 a.m. – 4:30 p.m., Monday through Friday
Phone: 800-BWH-9999



Newton

Partners Reproductive Medicine Center

Newton-Wellesley Hospital
2014 Washington Street
Newton, MA 02462
Hours: 7:30 a.m. – 4 p.m., Monday through Friday
Phone: (617) 243-5200

North Shore

North Shore Medical Center - Women's Center

North Shore Medical Center
One Hutchinson Drive
Danvers, MA 01923
Hours: 7 a.m. – 5 p.m., Monday through Friday
Phone: (978) 777-1070

South Shore

Brigham and Women's Hospital Center for Reproductive Medicine at South Shore Hospital

1032 Main Street
South Weymouth, MA 02190
Hours: 7 a.m. – 4 p.m., Monday through Thursday
Phone: 800-BWH-9999

New Hampshire

Exeter

Center for Reproductive Care

Exeter Hospital
5 Alumni Drive
Exeter, NH 03883
Hours: 7 a.m. – 3:30 p.m., Monday through Friday
Phone: (603) 773-6973



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