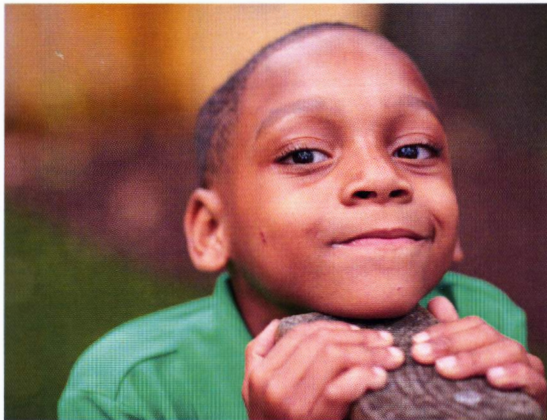
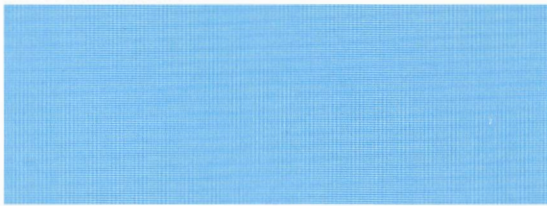
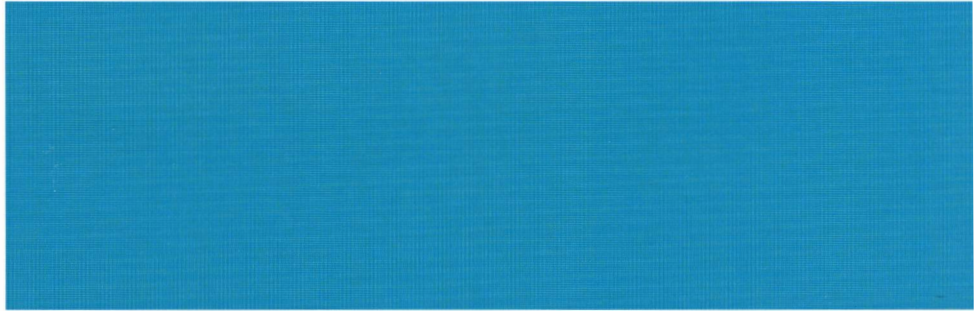
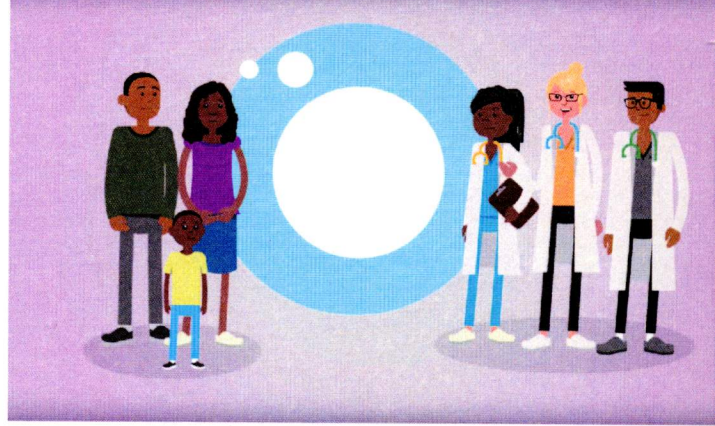


Comprehensive Fertility Care & Preservation Program

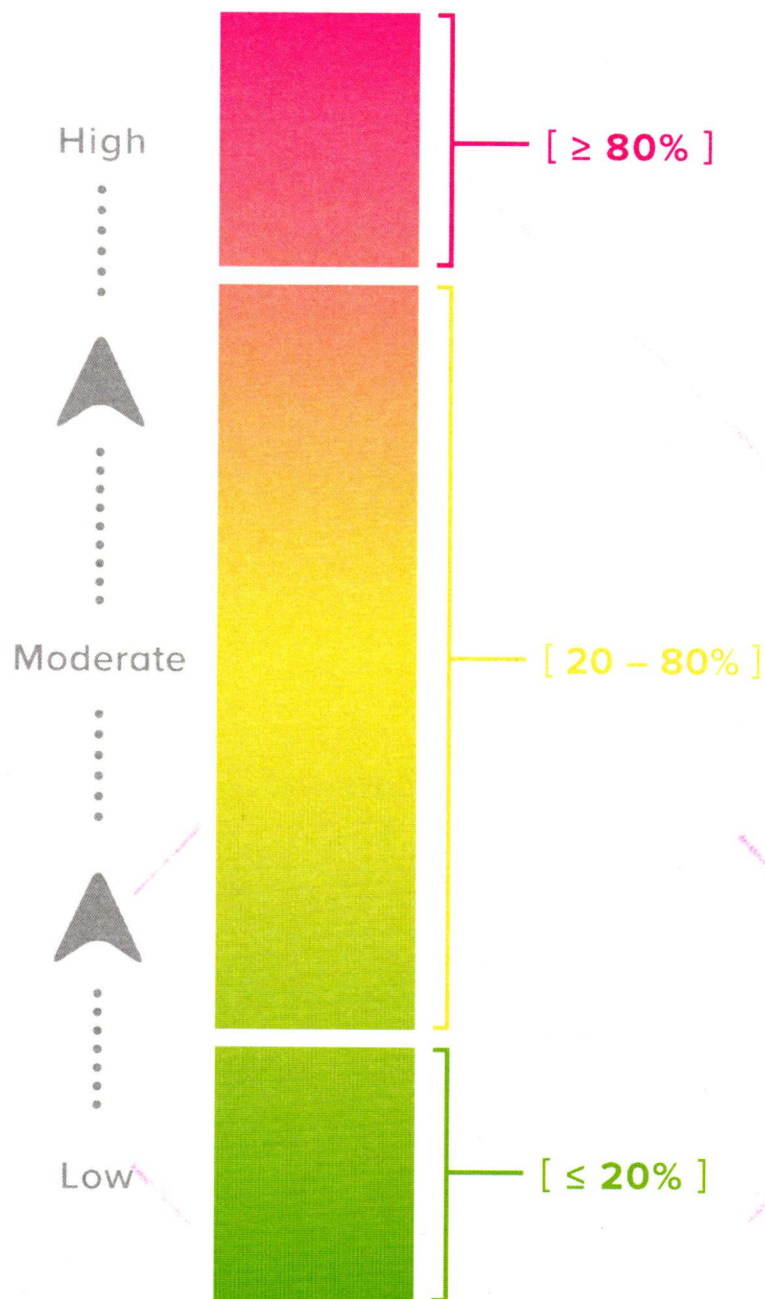


It is important for you to know that every patient has a different infertility risk. This visual shows you an estimate of your infertility risk based on your condition and treatment.

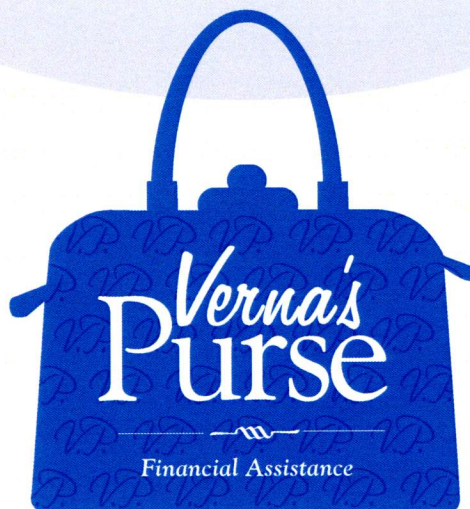


NOTES

What is my infertility risk?

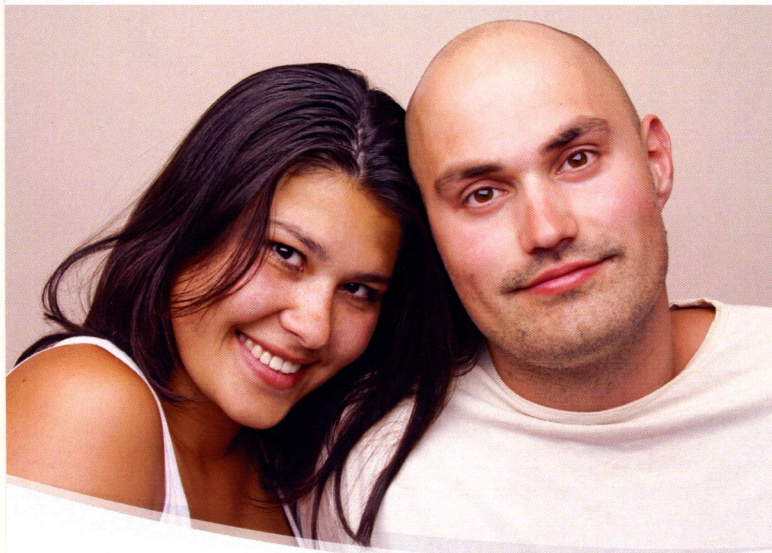


A series of horizontal lines for taking notes, starting below the 'NOTES' header and extending across the right side of the page.



Discounted long-term
storage fees available for qualifying
cancer patients, male or female.

For more information and an application visit
www.vernaspurse.org



Fertility Preservation Program

Each year more than 140,000 men and women are diagnosed with cancer during their reproductive years. While modern medicine gives individuals a better chance at surviving cancer and other serious diseases than ever before, treatments such as chemotherapy, radiation and surgery can sometimes make it difficult to have children.

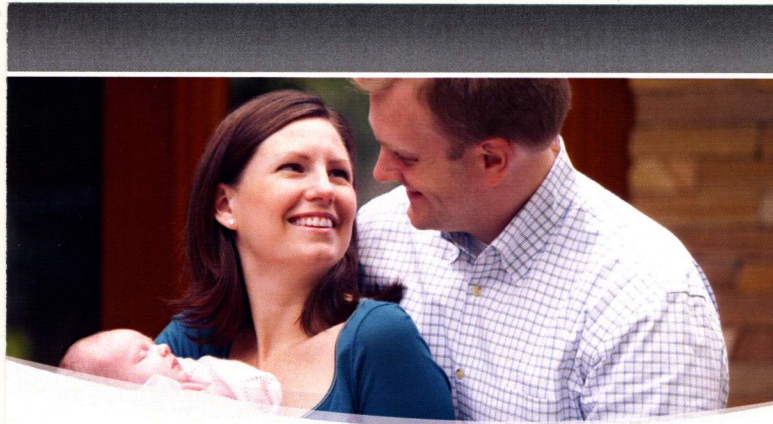
Together, the UC Center for Reproductive Health and Cincinnati Children's Hospital Medical Center (CCHMC) have teamed up to offer a fertility preservation program for both children and adults.

This unique program tailors fertility-sparing treatment for each individual and offers:

- Sperm Banking
- Embryo Banking
- Oocyte (Egg) Banking
- Ovarian Tissue Banking
- Surgical Transposition
- Medical Suppression of Ovarian Function



(513) 475-7600
UCHealth.com/Oncofertility



The UC Center for Reproductive Health, the Cancer and Blood Diseases Institute and the Young Women's Center for Reproductive Health and Development at Cincinnati Children's Hospital Medical Center are proud to be part of a network called the Oncofertility Consortium, a nationwide network of physicians and researchers funded by the National Institutes of Health to expand fertility options for cancer survivors. We are one of just 50 Oncofertility Consortium sites nationally, providing our patients with access to the latest clinical care initiatives and translational research in the area of fertility preservation.

Fertility preservation, however, is not limited to cancer patients. Patients with some rheumatologic diseases or hematologic conditions that require bone marrow and stem cell transplants may face the decision to preserve future fertility. Often, patients have scheduling concerns when fertility preservation treatments must be done immediately. We will accommodate your immediate scheduling needs and work closely with your medical and surgical oncologist (cancer physician) to expedite your care.

Financial options may be discussed with our financial counselors, who are available to assist you in determining if insurance coverage is available and estimating costs for services not covered by your insurance. In addition, we partner with the Sharing Hope Program, which was created by the Lance Armstrong LIVESTRONG Foundation to provide educational, moral and financial support to patients. The program allows our centers to provide discounted services and donated medications to those who qualify.



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Ovary Freezing

[EXPERIMENTAL]

(Ovarian Tissue Cryopreservation)

Process

- Laparoscopic surgery
- Removal of one ovary
- Tissue specimen is sent to Pathology
 - 80% of tissue is frozen for patient's own future use
 - 20% of tissue is given back to research

Time Frame

2–3 days

Fertility Success Rate

Over 60 successful pregnancies reported

Procedural Risk

- Bleeding
- Infection
- Injury to nearby organs

Financial Costs *(see Cost Information Sheet for current pricing)*

Up-front Costs

- Surgery *(may be covered by insurance)*
- Tissue transfer fee

Maintenance Costs

- Annual storage fees

Long-term Costs *(price will likely change over time)*

- Possible ovarian tissue reimplantation
- Possible In Vitro Fertilization (IVF)
- Possible Intra Cytoplasmic Sperm Injection (ICSI)
- Possible In Vitro Maturation (IVM)

Other Considerations

- Genetics
- Ethics
- Spiritual or religious questions
- Psychology
- Social Services
- Financial

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Fertility preservation is not the decision to use the preserved tissue, but to maintain a range of fertility options for the future.

Egg Freezing

(Oocyte Cryopreservation)

Process

- Hormone injections to stimulate the ovaries
- Series of ultrasounds
- Ultrasound guided egg retrieval under sedation
- Procedure done at specialized facility

Time Frame

2–6 weeks

Fertility Success Rate

- 4–12% live birth rate per oocyte (egg)
- 35–50% live birth rate per embryo transfer

Procedural Risk

- Ovarian hemorrhage
- Pelvic infection
- Medicine could overstimulate the ovary
- Side effects of the medicine, such as nausea

Financial Costs *(see Cost Information Sheet for current pricing)*

Up-front Costs

- Fertility consult fee *(generally covered by insurance)*
- Medicines (often free for patients with cancer)
- Procedures to get eggs
- Labs *(generally covered by insurance)*
- Freezing and shipping

Maintenance Costs

- Annual storage fees

Long-term Costs *(price will likely change over time)*

- Possible In Vitro Fertilization (IVF)
- Possible Intra Cytoplasmic Sperm Injection (ICSI)

Other Considerations

- Genetics
- Ethics
- Spiritual or religious questions
- Psychology
- Social Services
- Financial

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Fertility preservation is not the decision to use the preserved tissue, but to maintain a range of fertility options for the future.

Embryo Freezing

(Embryo Cryopreservation)

Process

- Hormone injections to stimulate the ovaries
- Series of ultrasounds
- Ultrasound guided egg retrieval under sedation
- Sperm collection by partner
- Procedure done at specialized facility

Time Frame

2–6 weeks

Fertility Success Rate

35–50% live birth rate per embryo transfer

Procedural Risk

- Ovarian hemorrhage
- Pelvic infection
- Medicine could overstimulate the ovary
- Side effects of the medicine, such as nausea

Financial Costs *(see Cost Information Sheet for current pricing)*

Up-front Costs

- Fertility consult fee *(generally covered by insurance)*
- Medicines (often free for patients with cancer)
- Procedures to get eggs and create embryos
- Labs *(generally covered by insurance)*
- Freezing and shipping

Maintenance Costs

- Annual storage fees

Long-term Costs *(price will likely change over time)*

- Possible In Vitro Fertilization (IVF)
- Possible Intra Cytoplasmic Sperm Injection (ICSI)

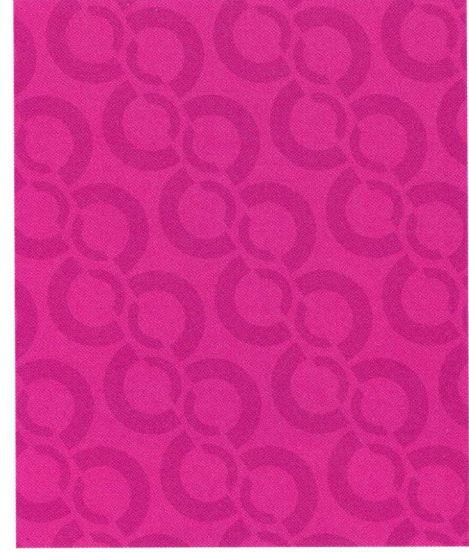
Other Considerations

- Genetics
- Ethics
- Spiritual or religious questions
- Psychology
- Social Services
- Financial

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Fertility preservation is not the decision to use the preserved tissue, but to maintain a range of fertility options for the future.



The Comprehensive Fertility Care & Preservation Program

at Cincinnati Children's

The goal of our Comprehensive Fertility Care & Preservation Program is to meet with patients whose medical condition or treatment plans place them at risk for fertility complications in the future. By educating patients and families about the risks early on in their diagnosis and treatments, they can learn if fertility preservation options are available or right for them.

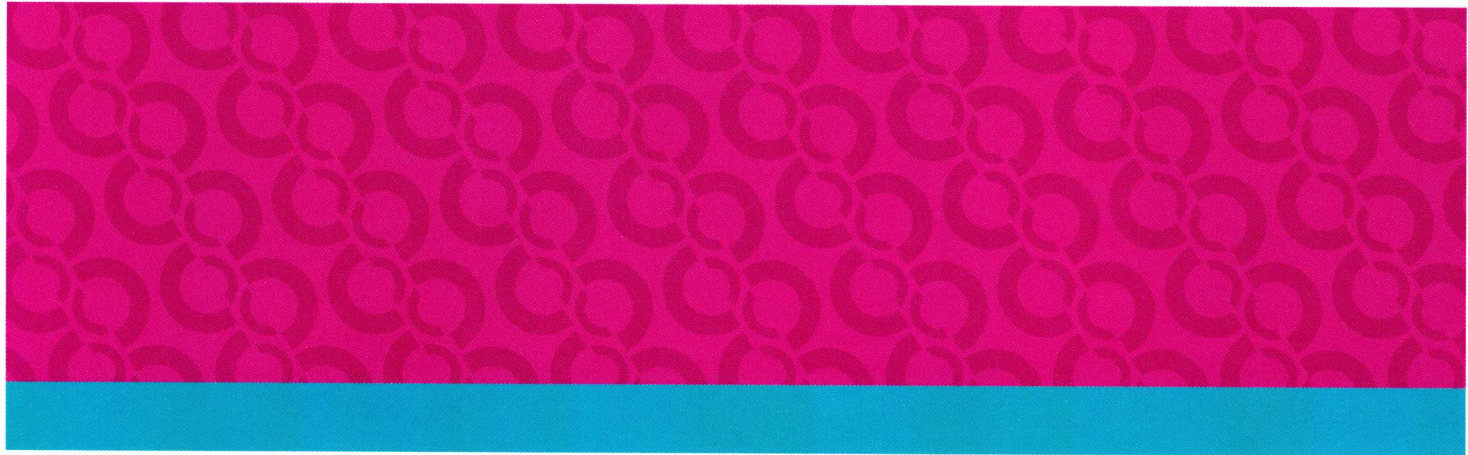
We have teamed with the University of Cincinnati Center for Reproductive Health to provide all available fertility preservation options, utilizing the best and most up-to-date processes and techniques. We coordinate the process in a timely manner to minimize delay in treatment.

FERTILITY SERVICES & TREATMENT

Recognizing that future fertility can be of great importance to long-term quality of life, our team offers a variety of options and services.

The best treatment option may differ depending on many factors including age, pubertal status, underlying diagnosis, time frame available prior to beginning treatment, and the specific treatment(s) the patient is scheduled to undergo. Patients and families should discuss their particular situation with their doctor to determine the best option and discuss the full range of risks and benefits.





Fertility Services for Males

There are two fertility preservation options available to male patients who may be receiving medical treatments that may be damaging to the testicles. For most male patients who have undergone puberty, cryopreservation of sperm is a relatively fast and easy procedure. Currently, the only available option for pre-pubertal males is testicular tissue freezing under an experimental protocol.

Fertility Services for Females

There are several different fertility preservation options available to female patients who are planning to undergo potential ovary-damaging medical treatments. We offer a full spectrum of fertility services for female patients including GnRH therapy, egg freezing, embryo freezing, and ovarian transposition. Currently, the only available option for pre-pubertal females is ovarian tissue freezing under an experimental protocol. It may be used for post-pubertal females if the situation allows.

CONSULTATION, EDUCATION AND EVALUATION

We will help patients and families understand the strengths, limitations, successes and science behind each fertility preservation option.

Pre-treatment fertility education, counseling & risk stratification

Our team strives to provide all newly diagnosed patients with an understanding of the risks that their particular diagnosis—and its proposed treatment—will have on their future fertility.

Post-treatment fertility counseling & evaluation

We meet with patients and families post-treatment for evaluation of gonadal damage and discussion of fertility options in patients who did not receive pre-treatment evaluation.

CONTACT US

For more information about the Comprehensive Fertility Care & Preservation Program at Cincinnati Children's, or to schedule a consultation, contact our **Patient Fertility Navigator, Olivia Frias, MSN, RN III, CNL** at:

Phone: **513-636-7781**

Email: **fertilityconsult@cchmc.org**



www.cincinnatichildrens.org

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