

A Tender Touch for High-Risk Pregnancy

When complications arise, Maternal Fetal Medicine gives our smallest patients and their mothers special care.

When you are pregnant, you want the best medical care to ensure your baby is born healthy. You also want to stay healthy enough to care for your newborn.

If you have complications during your pregnancy, the Delaware Center for Maternal and Fetal Medicine of Christiana Care has the expertise to help.

The center's maternal fetal medicine specialists have advanced training and experience to care for you if your pregnancy is high risk due to medical, surgical or obstetrical factors.

As part of the Department of Obstetrics & Gynecology at Christiana Care, we're one of the nation's top providers of obstetric services working with one of the largest and most experienced maternity centers and neonatal intensive care units in the Delaware Valley, Christiana Hospital.

Technically-advanced equipment and facilities help us diagnose your baby's risks for genetic, growth and structural differences. Some babies can be treated with medications or through surgery while still in your uterus.

The center also integrates comprehensive genetics counseling to help our doctors with diagnoses and you and your family make decisions about medical care for your baby.

Appointments with the center are made by referral through your primary obstetrician.

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Who we treat

The Delaware Center for Maternal and Fetal Medicine of Christiana Care treats mothers-to-be who are at risk for, or who have medical complications such as:

- chronic illness
- poor obstetric history
- advanced maternal age (at least 35 years old)
- previous pregnancy loss
- multiple gestations (twins, triplets, etc.)
- preterm labor
- hypertension
- diabetes

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Where we treat you

The Delaware Center for Maternal and Fetal Medicine of Christiana Care has two locations to provide the comprehensive care you need to keep you healthy during a high-risk pregnancy.

Our main office is in the Neuroscience and Surgery Institute of Delaware, 774 Christiana Road, Suite 109, Newark, DE 19713. [Directions](#)

We also have a satellite office in the Women's Health Services building on the Christiana Hospital campus. [Directions](#)

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How to contact us

If you would like an appointment with one of our physicians or genetic counselors, ask your primary obstetrician for a referral.

Our office phone number is (302) 731-0260

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How we evaluate you and your baby

The Delaware Center for Maternal and Fetal Medicine of Christiana Care offers an array of tests to evaluate the health of you and your baby. Once a diagnosis is made, treatments are available for some conditions.

Your primary obstetrician may refer you to the center for one or more of these tests or treatments:

- **Ultrasound - Basic**
A Level 1 Ultrasound is an evaluation of your baby using sound waves to assess gestational age and basic structure. This test does not involve X-rays.
- **Ultrasound - Targeted**
A more detailed evaluation of your baby using sound waves. It includes all the measurements in the basic ultrasound as well as a closer examination of particular organ systems.
- **Fetal Echocardiography**
An in-depth evaluation of your baby using sound waves to evaluate the structure and function of your baby's heart.
- **Duplex Doppler**
A test using sound waves to evaluate the circulation of blood in the placenta and baby. This test is valuable in the evaluation of hypertensive pregnancies, in pregnancies at risk for growth problems, those complicated by diabetes, and in instances of multiple gestations (twins, triplets).
- **Nonstress Test (NST)**
An evaluation using a fetal monitor to assess your baby's well-being.
- **Contraction Stress Test (CST)**
An evaluation of your baby's heart rate response on a fetal monitor during uterine contractions. Your contractions may be spontaneous, brought on by gentle nipple stimulation or by an intravenous solution of oxytocin.
- **Biophysical Profile**
A test using ultrasound to evaluate the well-being of your baby. Your baby's various movements and amniotic fluid are assessed. This test is frequently performed in conjunction with a nonstress test.
- **Fetal Blood Sampling (PUBS, Cordocentesis)**
A diagnostic procedure performed to obtain samples of your baby's blood. It is also used, when necessary, to give blood transfusions or medications to your baby through the blood vessels of the umbilical cord.
- **Amniocentesis**
In this procedure, a needle is inserted into the uterus and a small amount of fluid is removed from the sac around your baby. Usually, this test is done to determine the maturity of your baby's lungs or to provide important genetic information.
- **Chorionic Villus Sampling (CVS)**
Your baby's placenta may be tested early in your pregnancy for genetic evaluation.
- **Fetal Surgery**
Surgery can be performed on your baby while still in your uterus to correct or treat a condition prior to the time of delivery.
- **Consultation**
We offer preconception counseling and counseling for genetic conditions and malformations that may affect your baby. We also will counsel you about any medical conditions you may have that may affect your pregnancy. After consultation, we may continue to follow your pregnancy in conjunction with your obstetrician.

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How genetic counselors can help you

If a birth defect or inherited disorder runs in your family, the Delaware Center for Maternal and Fetal Medicine of Christiana Care is prepared to guide you.

The center has several genetic counselors to help you identify your baby's potential health risks.

Drawing on knowledge gained through specialized graduate degrees and experience in medical genetics and counseling, the counselors can help you understand such conditions and review available options. They also can serve as an advocate for you and your baby.

Additionally, our counselors' experience in disciplines ranging from biology and nursing to psychology and social work helps them provide:

- supportive counseling
- referrals to community and state support services
- insight on medical research

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Physicians

Anthony C. Sciscione, D.O.

Specialty: Obstetrics and Gynecology

Subspecialty: Maternal Fetal Medicine

Staff Positions: Program Director, Obstetrics/Gynecology Residency Program, Christiana Care; Director, Maternal-Fetal Medicine, Christiana Care

Appointment: Professor of Obstetrics and Gynecology, Drexel University College of Medicine, Philadelphia, Pa.

Education: University of New England College of Osteopathic Medicine, Biddeford, Maine

Post Doctoral: Residency in Obstetrics & Gynecology, Christiana Care Health Services; Fellowship in Maternal Fetal Medicine, Johns Hopkins medical institutions, Maryland:

Previous positions:

- Director of Research, Obstetrics/Gynecology Department, Christiana Care
- Director, Fetal Assessment Center, Christiana Care
- Director, Division of Maternal-Fetal Medicine, Drexel University College of Medicine, Philadelphia, Pa.
- Chief of Obstetrics and Director of the Division of Maternal Fetal Medicine, Crozer-Chester Medical Center, Upland, Pa.

Special interests: Medical diseases in pregnancy; multiple gestations; research on the induction of labor; and premature rupture of membranes.

Philip Shlossman, M.D.

Specialty: Obstetrics and Gynecology

Subspecialty: Maternal Fetal Medicine

Staff Positions: Associate Director, Maternal Fetal Medicine, Christiana Care; Director, Perinatal Research, Christiana Care

Appointment: Clinical Assistant Professor, Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pa.

Education: Texas A&M College of Medicine, College Station, Texas

Post Doctoral: Residency in Obstetrics & Gynecology, Medical Center of Delaware; Fellowship in Maternal Fetal Medicine, Pennsylvania Hospital, Philadelphia, Pa.

Special Interests: High-risk pregnancies; ultrasound; fetal assessment

James S. Manley, M.D.

Specialty: Obstetrics and Gynecology

Subspecialty: Maternal Fetal Medicine

Appointments: Clinical Assistant Professor, Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pa.

Education: Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pa.

Post Doctoral: Residency in Obstetrics & Gynecology, Medical Center of Delaware; Fellowship in Maternal Fetal Medicine, Pennsylvania Hospital, Philadelphia, Pa.

Special interests: Preterm labor syndrome

Genetic Counselors

Kimberly L. McGreevy, MS, CGC

Specialty: Genetic Counseling

Staff position: Genetic Counselor/Supervisor

Education: Master of Science in Human Genetics, University of Pittsburgh, Pittsburgh, Pa.

Certification: American Board of Genetic Counseling

Special interests: Fragile X syndrome, prenatal screening

Angela A.R. Geist, MS, CGC

Specialty: Genetic Counseling

Staff position: Genetic Counselor

Education: Master of Science in Human Genetics, Virginia Commonwealth University School of Medicine, Richmond, Va.

Certification: American Board of Genetic Counseling

Special interests: Chromosome abnormalities in pregnancy, genetic forms of hearing loss

Shannon Wieloch, MS, CGC

Specialty: Genetic Counseling

Staff position: Genetic Counselor

Education: Master of Science in Genetic Counseling, Arcadia University, Glenside, Pa.

Certification: American Board of Genetic Counseling

Special interests: Community education and outreach programs

Rachel Willms, MS

Specialty: Genetic Counseling

Staff position: Genetic Counselor

Education: Master of Science in Genetic Counseling, Arcadia University, Glenside, Pa.

Special interests: Genetic syndromes with behavior and social profiles, knowledge of roles among interdisciplinary team members

Perinatal Nurse Coordinator

Deborah Winder, RN

Education: Associate degree in Applied Science, Delaware Technical & Community College; Stanton, Del.; attending Wilmington College in pursuit of bachelor's degree in nursing

Special interests: Disease process in pregnancy

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