



# Comprehensive care for baby before birth

Midwest Fetal Care Center, a collaboration between Children's Minnesota and Allina Health, provides maternal and fetal care when a high-risk pregnancy poses challenges. As the first and largest advanced fetal care center in the Upper Midwest — and one of only a few in United States — Midwest Fetal Care Center brings together maternal fetal experts and the latest technology and treatments in a coordinated setting. We're with patients every step of the way from prenatal diagnosis and fetal treatment to delivery, postnatal care and long-term follow-up.

## PROGRAM FAST FACTS

### Team approach.

The fetal care program is a collaboration between Children's Minnesota and Allina Health, with top-tier physicians and surgeons who treat patients from the surrounding five-state region and beyond.

### Comprehensive services.

We specialize in the diagnosis and treatment of congenital conditions and abnormalities in unborn infants. Our maternal fetal medicine specialists and neonatologists use the highest level of technology and care to offer services that range from evaluation and diagnosis to fetal surgery and follow-up consultation.

### Highest trained experts.

Our fetal surgeons acquired training from world-renowned experts in fetal surgery. This advanced training makes Midwest Fetal Care Center one of only a few centers in the U.S. to offer diagnosis and treatment options like in-utero fetoscopy and fetal myelomeningocele repair (in-utero repair of spina bifida).

### Impressive outcomes.

For babies needing fetal surgery, Midwest Fetal Care Center has among the highest survival rates and the lowest rate of post-operative complications. For premature babies requiring surgery, we have the lowest rate of surgical complications in the nation, coupled with neonatal survival outcomes that are among the best in the country.

### National leadership.

Midwest Fetal Care Center is part of the North American Fetal Therapy Network (NAFTNet), an association of medical centers with proven expertise in fetal surgery and other fetal services. Our fetal specialists are active in national fetal therapy associations and have been published in peer-reviewed medical journals.

### Concierge care model.

All of the caregivers with specialized training and experience in treating mothers and babies with fetal conditions meet regularly to discuss and review patient cases. Our team approach helps drive exceptional outcomes and an unparalleled care experience.

### Second-to-none facilities all in one location.

We perform our fetal interventions and surgeries at The Mother Baby Center, which combines Abbott Northwestern Hospital's labor and delivery services with the Children's Minnesota neonatal program and full range of pediatric specialties. No matter what level of care is needed, we have the best mom and baby experts in one spot, available 24/7.

## CONDITIONS TREATED

Experts at Midwest Fetal Care Center are trained and equipped to treat any and all types of conditions that affect mothers with high-risk pregnancies and their unborn babies, including:

- Abdominal wall defects
- Amniotic band syndrome
- Cleft lip and cleft palate
- Cloacal exstrophy
- Club foot
- Congenital diaphragmatic hernia (CDH)
- Congenital heart disease
- Congenital lung malformations
- Congenital high airway obstruction (CHAOS)
- Craniosynostosis
- Fetal tumors
- Gastrointestinal disorders
- Genetic conditions
- Genitourinary problems
- Hydrops fetalis
- Immune and non-immune hydrops fetalis
- Multiple pregnancy
- Micrognathia and agnathia
- Neck masses
- Neurologic disorders
- Oligohydramnios
- Polyhydramnios
- Skeletal dysplasia
- Twin-to-twin transfusion syndrome
- Other twin-related conditions

## BY THE NUMBERS

**2008:** The year in which we performed our first twin-to-twin laser ablation intervention.

**95:** The percentage of cases in which Midwest Fetal Care Center has saved one or both twin(s) through twin-to-twin laser ablation, above the national average of other advanced fetal care centers.

**24:** The number of hours a day, seven days a week that our specialists are available for telephone consultations.



## HERE WHEN YOU NEED US

### Families

[mwfetalcare@allina.com](mailto:mwfetalcare@allina.com)  
855-693-3825  
[midwestfetalcarecenter.org](http://midwestfetalcarecenter.org)

Services provided by Abbott  
Northwestern Hospital

### Clinicians

#### MATERNAL FETAL

For 24/7 assistance with maternal fetal consultations, referrals or admissions, call:

855-MWFETAL  
855-693-3825

#### NEONATAL AND PEDIATRIC

For 24/7 assistance with pediatric or neonatal consultations, referrals, admissions and transport, call:

Children's Minnesota Physician Access  
866-755-2121

# MIDWEST FETAL CARE CENTER TEAM

By choosing treatment at Midwest Fetal Care Center, you receive the best care possible from highly trained specialists in maternal fetal therapies. Our fetal therapy team combines the expertise of maternal fetal medicine specialists from one of the largest perinatal groups in the country with internationally trained fetal surgeons, and nurse care coordinators, and perinatal social workers, who are with you every step of the way.

Thanks to the unique collaboration between Children's Minnesota and Allina Health, you also have, if necessary, the support of specialists in cardiology, neurosurgery, pediatric surgery, genetics, obstetrics/perinatology, radiology, perinatal social work, nursing and neonatal medicine. Our comprehensive team works together to coordinate all aspects of your care from diagnosis to postoperative recovery and long-term follow-up. This collaboration allows us to create coordinated care plans that foster exceptional outcomes.

## LEADING THE TEAM



**Brad Feltis, MD, PhD**  
Surgical director,  
Pediatric surgeon



**James Fisher, MD**  
Assoc. research director,  
Pediatric surgeon



**Joseph Lillegard, MD, PhD**  
Research director,  
Pediatric surgeon



**Saul Snowise, MD**  
Maternal fetal medicine specialist,  
Lead fetal interventionist

## MATERNAL FETAL SPECIALISTS



David Lynch-Salamon, MD



Lisa Saul, MD



Heidi Thorson,  
MD



Donald Wothe,  
MD



Pamela Velasco,  
RNC, BSN

## FETAL PROGRAM MANAGER

## FETAL NURSE CARE COORDINATORS



Shukri Jumale,  
RN, BSN



Jennifer Kouri,  
RN



Kimberly  
Palmer, RNC



Melinda Stober,  
RN, BSN



Shannon  
Van Brunt, RN



Michelle  
Wenner, RN

# MIDWEST FETAL CARE CENTER TEAM

## NEONATOLOGISTS



Tom  
George, MD



Andrea  
Lampland, MD



David  
Gremmels, MD



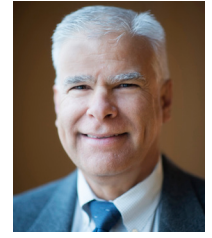
Christina  
Hills, MD



Lisa Howley,  
MD



Amy Lund,  
APRN, CNP, DNP



Rodrigo  
Rios III, MD

## PEDIATRIC OTOLARYNGOLOGISTS



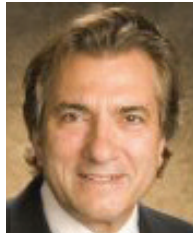
Abby Meyer,  
MD



Robert Tibesar,  
MD



Joseph  
Petronio, MD



Mahmoud  
Nagib, MD



Jamison Beek,  
MS, CGC



Beth Hall,  
MS, CGC



Amber Volk,  
MS, MA, LGC

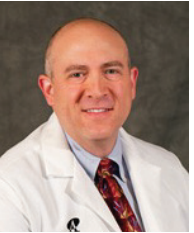
## PEDIATRIC NEUROSURGEONS

## GENETIC COUNSELORS

## OBSTETRIC ANESTHESIOLOGISTS



Fiona Danahy,  
MD



Steve Dentz,  
MD

## PERINATAL SOCIAL WORKERS



Heather  
Daugherty,  
MSW, LICSW



Jill Palmer,  
LICSW



Heather  
Prudden, MSW,  
LICSW



Anne Seaton,  
MSW, LICSW

## SONOGRAPHERS



Ellen Carlson,  
RDMS



Stephanie  
Moore, RDMS



Jeanine Walk,  
RDMS  
Fetal Lead Sonographer



Paula Wickham,  
RDMS  
Ultrasound supervisor



Cindy Xiong,  
RDMS

Services provided by Abbott Northwestern Hospital