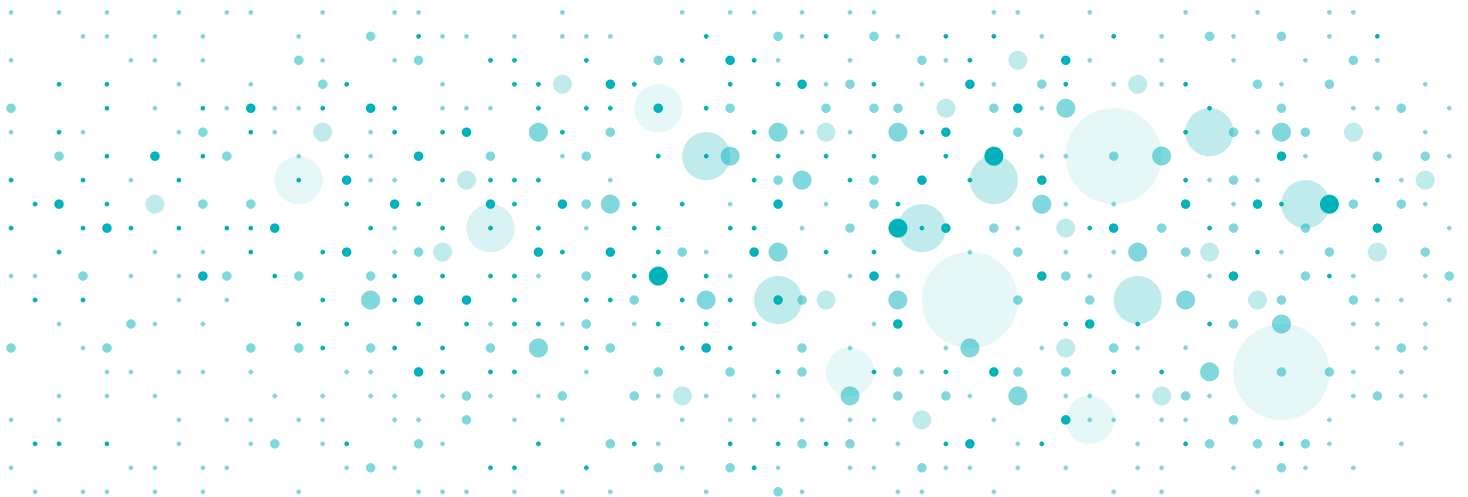


Volumes & Outcomes Summary 2017

Pursuing Personalized Treatment Options
To Offer Real Hope



At Cincinnati Fetal Center, our experts in maternal-fetal medicine, neonatology and fetal surgery from Cincinnati Children’s, Good Samaritan Hospital and University of Cincinnati Medical Center share a passion for providing exceptional, comprehensive care. Our team specializes in treating complex and sometimes rare prenatal conditions. Our extensive experience, coupled with our clinical and basic science research to improve fetal care, enables us to provide the most sophisticated, effective therapies available.

Information in this document is based on data from fetal patients cared for by Cincinnati Fetal Center from February 1, 2004 through June 30, 2017, except where otherwise noted.

Overall Evaluations

Cincinnati Fetal Center has performed evaluations for the following:

High-Risk Pregnancy	5,222	Congenital Diaphragmatic Hernia	279
Twin-Twin Transfusion Syndrome	1,684	Congenital Pulmonary Airway Malformation	282
Twin Reversed Arterial Perfusion Sequence	99	Fetal Tumors	107
Myelomeningocele	271	Chorioangioma	17
Bladder Outlet Obstruction/ Posterior Urethral Valves	329	Amniotic Band Syndrome	51

Overall Procedures

Cincinnati Fetal Center has performed the following procedures:

Fetoscopic Procedures	1,247	Ex Utero Intrapartum Treatment (EXIT) Procedures	58
Radiofrequency Ablation (RFA) Procedures	105	EXIT-to-Airway	34
Open Fetal Surgeries (excluding EXITs)	72	EXIT-to-ECMO	11
Cesarean with ECMO on standby	57	EXIT-to-Resection of High-Risk Tumor	13

Twin-Twin Transfusion Syndrome (TTTS)

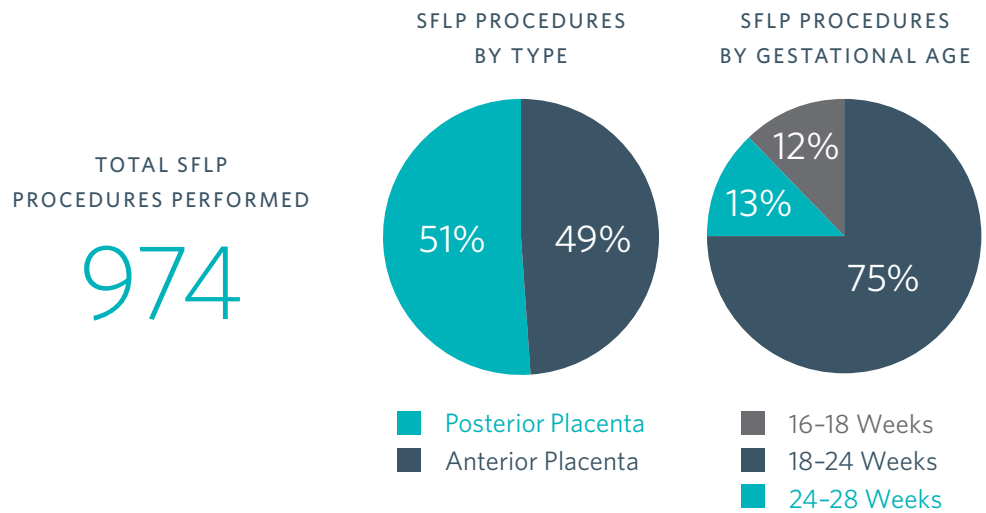
TOTAL NUMBER
OF EVALUATIONS

1,684

(includes triplet gestations)

Triplet Gestations	89
Fetoscopic Interventions	1,061

Volumes of Selective Fetoscopic Laser Photocoagulation (SFLP) Procedures to Treat TTTS



Survival Rates for Patients Undergoing SFLP Procedures *

QUINTERO STAGES I, II, III

Survival of at Least One Twin	92%
Survival of Both Twins	81%
Overall Survival	91%

QUINTERO STAGE IV

Survival of at Least One Twin	91%
Survival of Both Twins	71%
Overall Survival	89%

* Data reflects all TTTS patients, including twins with placental insufficiency/growth restriction and patients with short cervix.

* Data reflects twin gestations from July 1, 2011 to June 30, 2017 with available outcome data.

Twin Reversed Arterial Perfusion Sequence (TRAP Sequence)

TOTAL NUMBER
OF EVALUATIONS

99

FETAL
INTERVENTIONS

70

Fetal Interventions	70
Radiofrequency Ablation (RFA)	66
Bipolar Cord Coagulation	4

Myelomeningocele (MMC)/Spina Bifida

TOTAL NUMBER
OF EVALUATIONS

271

Prenatal MMC Repairs	57
Fetoscopic Prenatal MMC Repairs (2016+)	9

Bladder Outlet Obstruction (BOO)/Posterior Urethral Valves (PUV)

TOTAL NUMBER
OF EVALUATIONS

329

Fetoscopic Intervention	21
Open Fetal Vesicostomy	8
Amnioport for Serial Amnio-infusions Performed as adjunct therapy for BOO/PUV and other GU anomalies including renal agenesis	24
Vesicoamniotic Shunting is also a surgical option offered by our team	



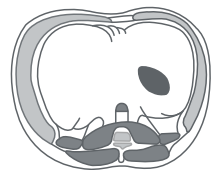
Congenital Diaphragmatic Hernia (CDH)

TOTAL NUMBER
OF EVALUATIONS

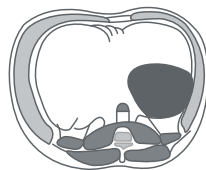
279

All CDH patients are cared for by a dedicated CDH team consisting of neonatologists, pediatric surgeons, pediatric cardiologists, nurses, nutritionists and therapists.

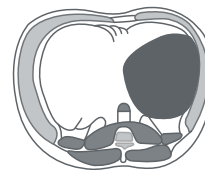
* Survival to Discharge by Defect Type



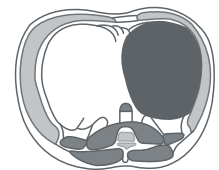
DEFECT A
100%



DEFECT B
100%



DEFECT C
89%



DEFECT D
59%

* Survival to Discharge for Severe CDH

64%

Defined as: observed to expected lung area to head circumference ratio of less than 25% and with liver herniation

* Survival data includes CDH patients with isolated and non-isolated right or left defect from July 1, 2012 to June 30, 2017.

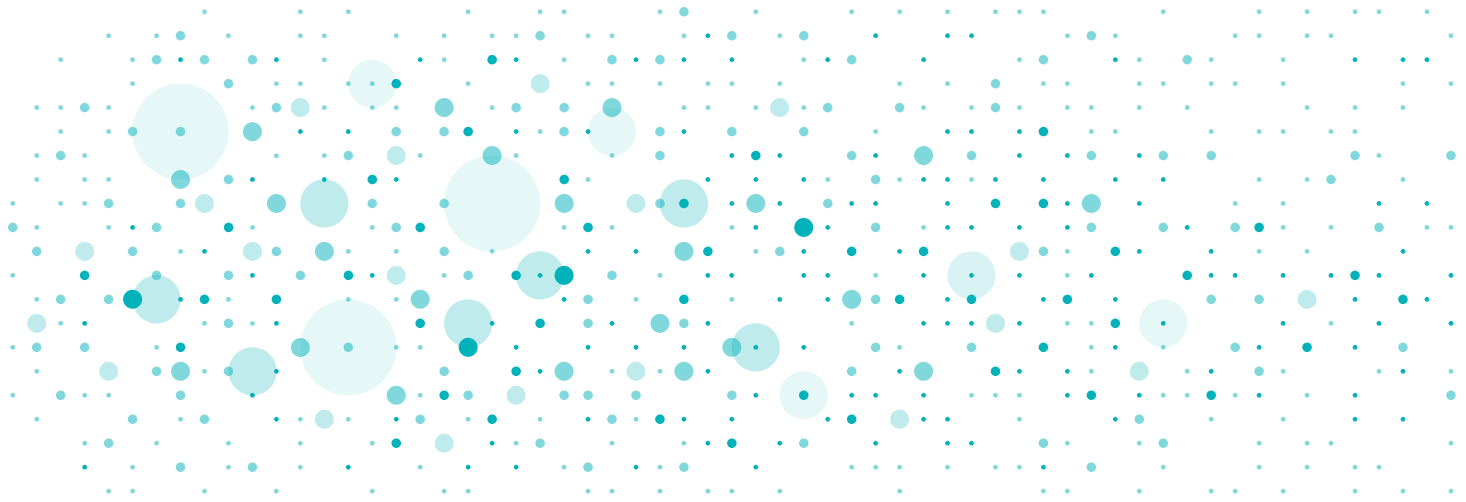
Congenital Pulmonary Airway Malformation (CPAM)

TOTAL NUMBER
OF EVALUATIONS

282

Open Fetal Surgery	7
EXIT-to-Resection	9
Shunt Placement	30





fetalcarecenter.org

Call us at 1.888.FETAL59 with your referrals,
consult requests or emergency transfer needs.