

The Chicago Institute
for Fetal Health

Volumes & Outcomes

2022



 Ann & Robert H. Lurie
Children's Hospital of Chicago

Nationally Recognized Expertise & Experience

The Chicago Institute for Fetal Health is a leader in the research and care of pregnant women with fetal complications. As one of only a few comprehensive fetal centers in the country, the Institute offers prenatal counseling, care and intervention.

Our specialists performed over 3,500 consultations last year for all types of fetal conditions with expectant parents from across the country.

No patient was turned away.





Prenatal Evaluations

Abdominal Wall Defects	168
Amniotic Band Syndrome	38
Bladder Outlet Obstruction	98
Cleft Lip & Palate	336
Complex Monochorionic Pregnancies	324
Congenital Airway & Esophageal Disorders	139
Congenital Diaphragmatic Hernia	137
Congenital Lung Lesions	190
Myelomeningocele/Spina Bifida	227

Prenatal Procedures

Laser for Monochorionic Pregnancy	105
Radiofrequency Ablation (RFA), CORD	15
Fetoscopic Endoluminal Tracheal Occlusion (FETO)	2
Other Fetoscopic Procedures	5
Prenatal MMC Repair - Open	25
Prenatal MMC Repair - Fetoscopic	27
Ex Utero Intrapartum Treatment (EXIT)/POPS	10
Shunts, Thoracocentesis	24

Prenatal Evaluations reflect patients cared for cumulatively by The Chicago Institute for Fetal Health between September 2007 & December 2022. Subsequent details therein are of the most current period between September 2017 & December 2022.



Complicated Monochorionic Pregnancies

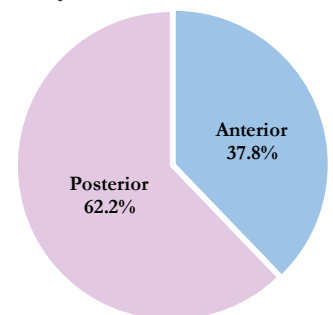
Prenatal Evaluations	324
Fetoscopic Interventions	120
Laser for TTTS	78
Laser for TAPS/sFGR	19
Cord Ablation	15
Other Fetoscopic Procedures	8

SFLP Outcomes for TTTS Quintero Stage I, II, III

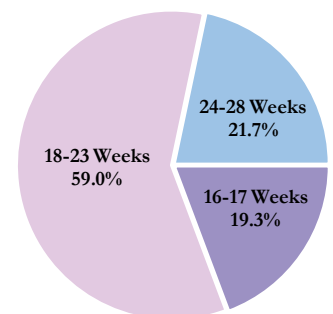
Survival of at least one	92%
Survival of at least two	75%
Overall survival	83%
Average Gestational Age at Surgery*	21 wks
Average Gestational Age at Delivery*	31.3 wks
Average Post-Procedural Pregnancy Latency*	10.3 wks

**Excludes patients with Cervix Length < 2.5cm*

**SFLP Procedures
by Placenta Location**

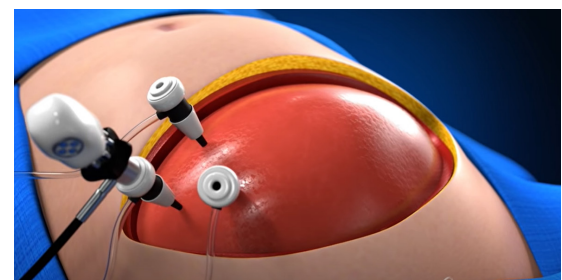


**SFLP Procedures
by Gestational Age**



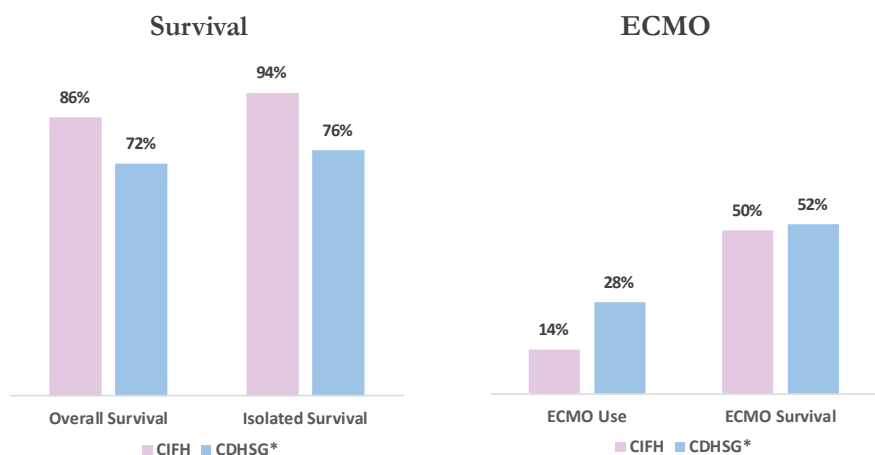
Myelomeningocele (MMC)

Prenatal Evaluations	227
Prenatal MMC Repairs	54
Prenatal MMC Repairs - Open	27
Cesarean Delivery	100%
Shunt Rate at 12 Months of Age	30%
Prenatal MMC Repairs - Fetoscopic	27
Vaginal Delivery	68%
Shunt Rate at 12 Months of Age	33%



Congenital Diaphragmatic Hernia (CDH)

Prenatal Evaluations	137
Fetoscopic Interventions	2



	CIFH	CDHSG*
Overall Survival	86%	72%
Isolated Survival	94%	76%
ECMO Use	14%	28%
ECMO Survival	50%	52%
O ₂ at Discharge	11%	24%
Gastrostomy Tube at Discharge	11%	13%
Hernia Recurrence in CDH Patients	6%	12%

**The Congenital Diaphragmatic Hernia (CDH) study group (CDHSG) is an international consortium of centers that prospectively collect and voluntarily contribute data about liveborn CDH patients they manage.*

<https://med.uth.edu/pediatricsurgery/research/research-centers-and-programs/cdhsg/>

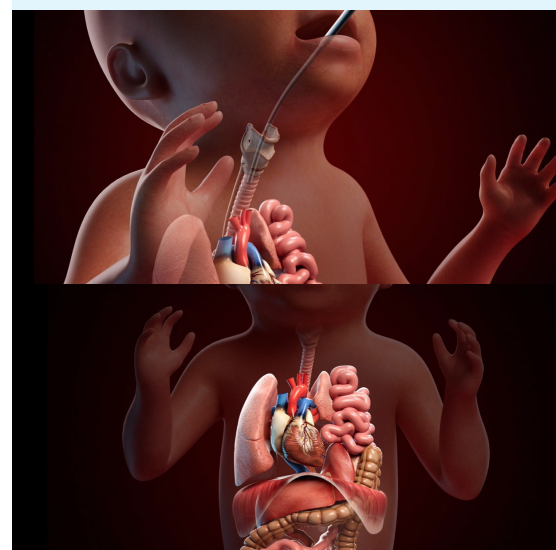
Abdominal Wall Defects

Prenatal Evaluations	168
Survival for Isolated Omphalocele at 30 Days	100%
Survival for Omphalocele with Associated Anomalies at 30 Days	67%
Overall Survival at 30 Days	95%

Innovation Spotlight Fetoscopic Endoluminal Tracheal Occlusion

The Chicago Institute for Fetal Health currently offers Fetoscopic Endoluminal Tracheal Occlusion (FETO) for patients affected by severe life-threatening congenital diaphragmatic hernia (CDH).

The two-step approach involves placing a balloon in the fetus' airway at 28 to 30 weeks gestation to create a blockage that promotes lung growth through accumulation of lung fluid. Later the balloon is removed at 34 weeks gestation and the pregnancy allowed to progress toward delivery at term. The innovative therapy requires entirely new devices and elevated care management protocols and is part of our commitment to advanced care at The Chicago Institute for Fetal Health.



Amniotic Band Syndrome

Prenatal Evaluations38

Prenatal Interventions3

Bladder Outlet Obstruction (BOO)

Prenatal Evaluations98

Prenatal Interventions6

Cleft Lip & Palate

Prenatal Evaluations 336

Unilateral Cleft Lip & Palate 80

Bilateral Cleft Lip & Palate 34

Cleft Lip 45

Cleft Palate 5

Other 5

Congenital Airway & Esophageal Disorders

Prenatal Evaluations139

Prenatal Interventions8

Congenital Lung Lesions

Prenatal Evaluations190

Prenatal Interventions 11

EXIT-to-Resection Procedures 2

Shunts, Thoracoscopy & Thoracocentesis 9

Survival Rate for EXIT Procedures100%

Survival Rate for All Patients with CVR > 1.6 or Hydrops 95%

Survival Rate for All Patients with CVR < 1.6100%



The Chicago Institute for Fetal Health

The Chicago Institute for Fetal Health is nestled within the Northwestern Medicine and Ann & Robert H. Lurie Children's Hospital campus in downtown Chicago, with direct bridge connection to Prentice Women's Hospital.

As the premier women's hospital in the Midwest, Prentice Women's Hospital provides leading-edge pregnancy care. Through this partnership, our team is made up of highly skilled, internationally recognized specialists, committed to providing outstanding, comprehensive care for patients with high-risk pregnancies.

Our 7,000-square-foot, state-of-the-art expansion opened in February 2020. It features:

- Expansive nesting rooms with private bathrooms and entertainment/workstations
- Family lounge and kitchen
- Integrated fetal ultrasound, echocardiography and MRI
- Consultation spaces fitted with the latest telemedicine capabilities to connect with referring providers

CONTACT US

To discuss a possible referral or for additional information, please call or email our team.

1.866.FETAL24

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Follow us on Twitter @ChicagoFetal

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