

## Fetoscopic Laser Ablation for Twin-to-Twin Transfusion Syndrome

### Patient outcomes are our top priority

UTHealth Houston Fetal Center is an internationally recognized team of fetal surgeons who provide the highest level of care to patients with fetal conditions. The Fetal Center is proud to be a leader in fetal diagnosis, fetal intervention, and comprehensive prenatal care for those diagnosed with complex fetal anomalies.

We strive to provide up-to-date and transparent information about our patient outcomes to help patients make informed decisions regarding their care.

Below is an overview of The Fetal Center's clinical outcomes for the treatment of twin-to-twin transfusion syndrome (TTTS).

For more information about UTHealth Houston Fetal Center or to speak with a clinical specialist, call **832-325-7288**.

### Outcomes for patients who underwent fetoscopic laser ablation for TTTS

Data includes patients with known delivery/neonatal outcome from September 2011 through October 2024.

#### 30-day post-delivery survival rate by TTTS stage at surgery

TTTS STAGE	DUAL SURVIVORS	SINGLE SURVIVOR	DUAL DEMISE
Stage 1	90 (86%)	12 (12%)	3 (3%)
Stage 2	188 (80%)	24 (10%)	22 (10%)
Stage 3	333 (68%)	98 (20%)	59 (12%)
Stage 4	29 (69%)	9 (21%)	4 (10%)
TTTS plus other diagnoses	18 (69%)	5 (19%)	3 (12%)
<b>Overall</b>	<b>73%</b>	<b>17%</b>	<b>10%</b>

\*TTTS with TAPS, TTTS with sIUGR, or TTTS with sIUGR and TAPS

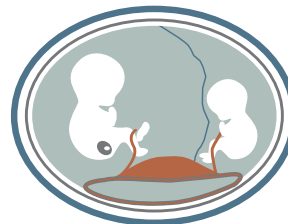
#### 30-day post delivery survival rate by gestational age at surgery

GESTATIONAL AGE	DUAL SURVIVORS	SINGLE SURVIVOR	DUAL DEMISE
< 18 W 6/7 D	188 (64%)	61 (21%)	43 (15%)
19 W 0/7 D - 21 W 6/7 D	260 (78%)	43 (13%)	30 (9%)
22 W 0/7 D - 24 W 6/7 D	143 (76%)	29 (15%)	16 (9%)
25 W 0/7 D - 27 W	56 (81%)	12 (17%)	1 (1%)
28 W +	11 (73%)	3 (20%)	1 (7%)
<b>Overall</b>	<b>658 (73%)</b>	<b>148 (17%)</b>	<b>91 (10%)</b>

#### 30-day post-delivery survival by cervical length at surgery

CERVICAL LENGTH	DUAL SURVIVORS	SINGLE SURVIVOR	DUAL DEMISE
<1.5cm	17 (45%)	8 (21%)	13 (34%)
>=1.5cm	637 (75%)	137 (16%)	78 (9%)
Unknown	4 (57%)	3 (43%)	
<b>Overall</b>	<b>658 (73%)</b>	<b>148 (17%)</b>	<b>91 (10%)</b>

#### Twin-to-Twin Transfusion Syndrome (TTTS)



**900-plus** fetoscopic laser ablations performed for TTTS  
**73%** dual survivor rate

**All tables:**  
Excludes cases whose Donor/Recipient outcomes are missing;  
Excludes repeated placental laser ablations;  
Includes patients with known delivery/neonatal outcomes from 9/23/2011 to 10/17/2024 (date of FI procedure).



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