



**Other Procedures**

**Participant 88888**  
**STS Spring 2007 Report**



STS 2006	AV Replace + MV Replace	Pulmonic Valve	Tricuspid Valve	LVA	VSD	ASD	SVR
<b>Number of Cases</b>	454	191	2,603	490	246	1,314	198
<b>Demographics</b>							
Age (years)	62.8	43.6	64.0	63.8	56.3	57.5	61.3
>= 65 years old	52.2%	8.9%	55.6%	49.2%	37.0%	38.9%	41.4%
Gender, Female	51.3%	48.7%	59.1%	32.0%	37.4%	49.6%	31.3%
<b>Operative Data</b>							
Cross-clamp Time (min)							
Mean	143.6	114.2	113.7	93.1	110.9	83.4	99.0
Median	133.0	110.0	105.0	88.5	97.0	75.0	92.0
Perfusion Time (min)							
Mean	184.7	153.0	156.6	137.0	158.5	120.9	148.0
Median	172.0	142.0	145.0	128.0	139.0	112.0	129.0
<b>Outcomes - Mortality</b>							
In-hospital Mortality	10.1%	3.1%	9.3%	6.7%	22.8%	3.4%	8.6%
Operative Mortality	10.4%	3.7%	9.9%	6.9%	23.2%	3.8%	9.6%
<b>Outcomes - Complications</b>							
Any Major Complications / Operative Mortality	39.0%	18.3%	41.5%	33.7%	48.0%	20.9%	42.9%
Any Reoperation	16.5%	6.8%	18.4%	13.7%	16.7%	8.8%	18.2%
Deep Sternal Wound Infection	0.0%	0.5%	1.0%	0.8%	0.4%	0.2%	0.5%
Permanent Stroke	2.6%	0.0%	1.8%	2.2%	4.9%	2.1%	5.1%
Renal Failure Complication	12.6%	5.2%	13.6%	8.8%	19.9%	5.6%	9.1%
Prolonged Ventilation	27.1%	11.0%	29.4%	23.3%	32.9%	13.8%	29.3%
<b>Outcomes - Length of Stay</b>							
Total Length of Stay (days)							
Mean	16.0	10.0	17.4	13.9	14.1	10.6	15.9
Median	11.0	6.0	12.0	11.0	9.0	7.0	12.0
Post-Procedure Length of Stay (days)							
Mean	12.7	8.8	13.5	10.7	11.4	8.9	12.6
Median	8.0	6.0	9.0	7.0	7.0	6.0	8.0



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STS 2006	Aortic Aneurysm				Ventricular Assist Device
	Ascending Aorta	Aortic Arch	Descending Aorta	Thoracoabdominal Aorta	
<b>Number of Cases</b>	3,669	1,262	517	298	491
<b>Demographics</b>					
Age (years)	60.5	61.1	61.1	64.0	54.4
>= 65 years old	43.9%	46.3%	48.0%	59.4%	18.5%
Gender, Female	31.1%	35.0%	36.0%	41.6%	24.0%
<b>Operative Data</b>					
Cross-clamp Time (min)					
Mean	116.0	123.9	90.7	88.6	94.9
Median	107.0	116.0	71.0	74.0	81.5
Perfusion Time (min)					
Mean	170.4	190.0	156.9	148.8	156.1
Median	159.0	178.0	147.5	141.5	124.5
<b>Outcomes - Mortality</b>					
In-hospital Mortality	8.0%	11.5%	16.8%	20.1%	38.5%
Operative Mortality	8.3%	12.0%	17.6%	20.5%	40.7%
<b>Outcomes - Complications</b>					
Any Major Complications / Operative Mortality	35.5%	46.7%	56.5%	59.1%	85.5%
Any Reoperation	13.7%	17.2%	21.1%	19.8%	55.0%
Deep Sternal Wound Infection	0.4%	0.6%	0.4%	0.7%	2.6%
Permanent Stroke	4.0%	5.8%	7.2%	7.7%	8.8%
Renal Failure Complication	8.0%	10.8%	13.9%	19.8%	27.7%
Prolonged Ventilation	25.4%	35.8%	44.5%	47.3%	68.8%
<b>Outcomes - Length of Stay</b>					
Total Length of Stay (days)					
Mean	11.5	13.5	15.8	17.4	39.6
Median	8.0	9.0	11.0	12.0	32.0
Post-Procedure Length of Stay (days)					
Mean	10.1	12.0	13.4	15.0	30.9
Median	7.0	8.0	9.0	10.0	23.0