

Table 1. Baseline demographics of patients with LVAD implantation, patients who underwent invasive hemodynamic monitoring, and who also underwent orthotopic heart transplant

	LVAD (n = 2200)	Swan-Ganz+ (n = 403)	OHT+ (n = 164)
Mortality, n (%)	590 (26.5)	86 (19.9)	26 (15.9)
Length of stay, mean \pm SD	40.5 \pm 38.9	45.4 \pm 38.2	82.8 \pm 59.3
Age, mean \pm SD	53.4 \pm 13.7	53.4 \pm 13.7	48.2 \pm 13.5
Sex, n (%)			
Male	1659 (75.4)	81 (20.1)	134 (81.7)
Female	541 (24.6)	322 (79.9)	30 (18.3)
Race, n (%)			
White	1274 (57.9)	218 (54.1)	89 (54.3)
Black	352 (16.0)	80 (19.9)	22 (13.4)
Hispanic	142 (6.5)	33 (8.2)	17 (10.4)
Asian/Pacific Islander	51 (2.3)	13 (3.2)	7 (4.3)
Native American	5 (0.2)	0 (0.0)	0 (0.0)
Other or unknown	376 (17.1)	59 (14.6)	29 (17.7)
Median household income, n (%)			
\$1-24,999	475 (21.6)	98 (24.3)	28 (17.1)
\$25,000-34,999	491 (22.3)	89 (22.1)	37 (22.6)
\$35,000-44,999	552 (25.1)	90 (22.3)	43 (26.2)
\$45,000 or more	631 (28.7)	115 (28.5)	52 (31.7)
Unknown	51 (2.3)	11 (2.7)	4 (2.4)
Concomitant diagnosis			
Cardiac Dysrhythmias	1372 (62.4)	274 (68.0)	103 (62.8)
Respiratory failure	563 (25.6)	103 (25.6)	45 (27.4)
Diabetes	392 (17.8)	65 (16.1)	19 (11.6)
Hyperlipidemia	310 (14.1)	63 (15.6)	13 (7.9)
Hypertension	301 (13.7)	44 (10.9)	10 (6.1)
History of smoking	144 (6.5)	33 (8.2)	7 (4.3)
BMI \geq 30 kg/m ²	96 (4.4)	17 (4.2)	0 (0.0)
Number of concomitant diagnosis, mean \pm SD	12.7 \pm 2.9	13.6 \pm 2.5	12.3 \pm 3.1
Year of hospitalization, n (%)			
1998	18 (0.8)	1 (0.2)	5 (3.0)
1999	41 (1.9)	10 (2.5)	7 (4.3)
2000	71 (3.2)	9 (2.2)	9 (5.5)
2001	108 (4.9)	14 (3.5)	25 (15.2)
2002	93 (4.2)	4 (1.0)	16 (9.8)
2003	99 (4.5)	13 (3.2)	9 (5.5)
2004	80 (3.6)	8 (2.0)	13 (7.9)
2005	79 (3.6)	14 (3.5)	18 (11.0)
2006	131 (6.0)	26 (6.5)	9 (5.5)
2007	119 (5.4)	19 (4.7)	12 (7.3)
2008	209 (9.5)	42 (10.4)	14 (8.5)
2009	253 (11.5)	55 (13.6)	12 (7.3)
2010	427 (19.4)	72 (17.9)	8 (4.9)
2011	472 (21.5)	116 (28.8)	7 (4.3)
Location of hospital, n (%)			
Rural	17 (0.8)	0 (0.0)	0 (0.0)
Urban	2181 (99.1)	402 (99.8)	164 (100.0)
Unknown	2 (0.1)	1 (0.2)	0 (0.0)
Bedsized of hospital, n (%)			
Small	38 (1.7)	1 (0.2)	6 (3.7)
Medium	229 (10.4)	49 (12.2)	18 (11.0)
Large	1931 (87.8)	352 (87.3)	140 (85.4)
Unknown	2 (0.1)	1 (0.2)	0 (0.0)
Teaching status of hospital, n (%)			
Nonteaching	165 (7.5)	33 (8.2)	5 (3.0)
Teaching	2033 (92.4)	369 (91.6)	159 (97.0)
Unknown	2 (0.1)	1 (0.2)	0 (0.0)

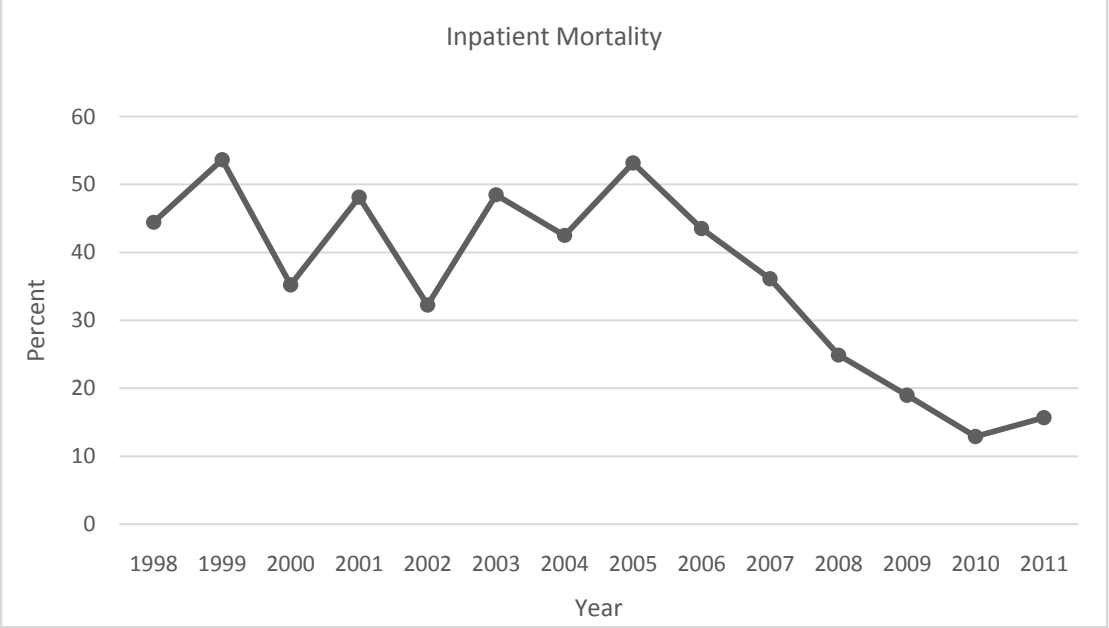
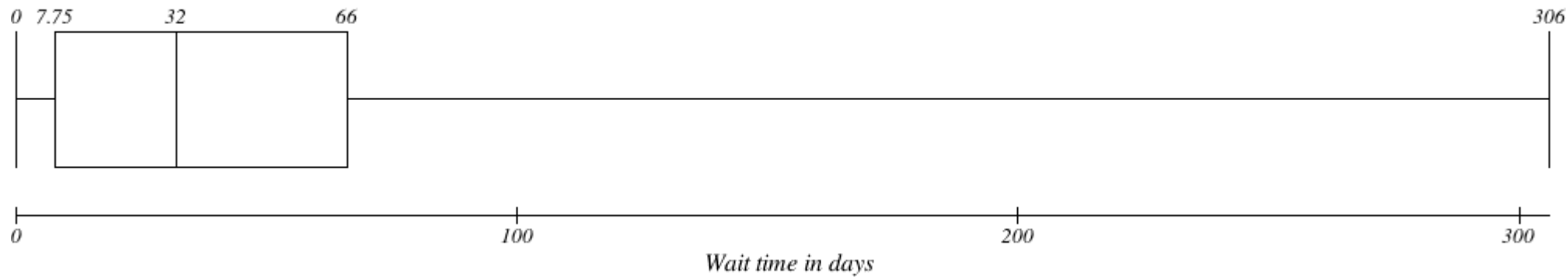


Table 3. Baseline demographics of in-hospital patients who did and did not receive Swan-Ganz Catheterization prior to Left Ventricular Assist Device (LVAD) Implantation

	Swan-Ganz+ (n = 403)	Swan-Ganz- (n = 1797)	p-value
Age, mean ± SD	53.4 ± 13.7	55.1 ± 13.3	
Sex, n (%)			
Male	81 (20.1)	460 (25.6)	
Female	322 (79.9)	1337 (74.4)	
Race, n (%)			
White	218 (54.1)	1056 (58.8)	
Black	80 (19.9)	272 (15.1)	
Hispanic	33 (8.2)	109 (6.1)	
Asian/Pacific Islander	13 (3.2)	38 (2.1)	
Native American	0 (0.0)	5 (0.3)	
Other or unknown	59 (14.6)	317 (17.6)	
Median household income, n (%)			
\$1-24,999	98 (24.3)	377 (21.0)	
\$25,000-34,999	89 (22.1)	402 (22.4)	
\$35,000-44,999	90 (22.3)	462 (25.7)	
\$45,000 or more	115 (28.5)	516 (28.7)	
Unknown	11 (2.7)	40 (2.2)	
Comorbidities			
Cardiac Dysrhythmias	274 (68.0)	1098 (61.1)	
Respiratory failure	103 (25.6)	460 (25.6)	
Diabetes	65 (16.1)	328 (18.3)	
Hyperlipidemia	63 (15.6)	247 (13.7)	
Hypertension	44 (10.9)	254 (14.1)	
History of smoking	33 (8.2)	111 (6.2)	
BMI ≥ 30 kg/m ²	17 (4.2)	79 (4.4)	
Number of concomitant diagnosis, mean ± SD	13.6 ± 2.5	12.5 ± 3.0	
Year of hospitalization, n (%)			
1998	1 (0.2)	17 (0.9)	
1999	10 (2.5)	31 (1.7)	
2000	9 (2.2)	62 (3.5)	
2001	14 (3.5)	94 (5.2)	
2002	4 (1.0)	89 (5.0)	
2003	13 (3.2)	86 (4.8)	
2004	8 (2.0)	72 (4.0)	
2005	14 (3.5)	65 (3.6)	
2006	26 (6.5)	105 (5.8)	
2007	19 (4.7)	100 (5.6)	
2008	42 (10.4)	167 (9.3)	
2009	55 (13.6)	198 (11.0)	
2010	72 (17.9)	355 (19.8)	
2011	116 (28.8)	356 (19.8)	
Location of hospital, n (%)			
Rural	0 (0.0)	17 (0.9)	
Urban	402 (99.8)	1779 (99.0)	
Unknown	1 (0.2)	1 (0.1)	
Bedsized of hospital, n (%)			
Small	1 (0.2)	37 (2.1)	
Medium	49 (12.2)	180 (10.0)	
Large	352 (87.3)	1579 (87.9)	
Unknown	1 (0.2)	1 (0.1)	
Teaching status of hospital, n (%)			
Nonteaching	33 (8.2)	132 (7.3)	
Teaching	369 (91.6)	1664 (92.6)	
Unknown	1 (0.2)	1 (0.1)	

Wait time for OHT after LVAD implantation



Percent mortality in hospitalized patients by wait time for OHT after LVAD implantation

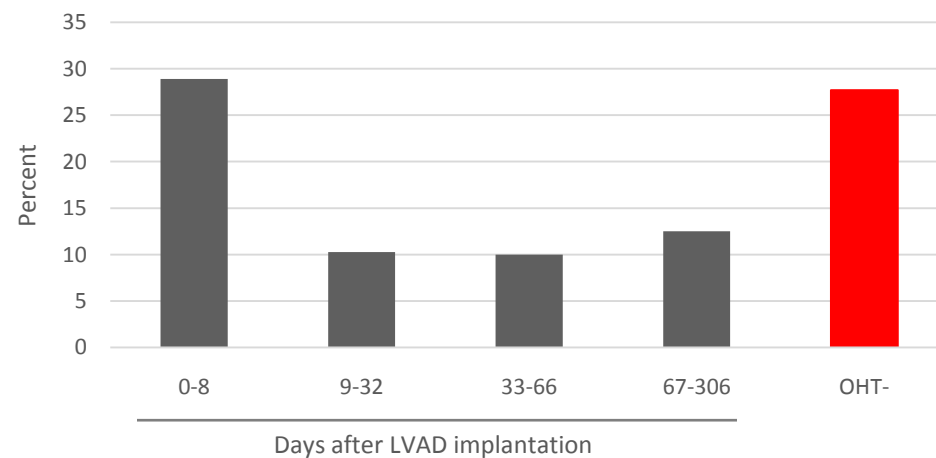


Table 4. Baseline demographics for early and late in-hospital Orthostatic Heart Transplant (OHT) after short term (st) Left Ventricular Assist Device (LVAD) Implantation

	0-7 days (n = 41)	8-31 days (n = 38)	32-65 days (n = 42)	≥66 days (n = 43)
Age, mean (SD)	50.6 ± 12.6	48.6 ± 12.7	47.4 ± 15.3	46.3 ± 13.1
Sex, n (%)				
Male	33 (80.5)	32 (84.2)	35 (83.3)	34 (79.1)
Female	8 (19.5)	6 (15.8)	7 (16.7)	9 (20.9)
Race, n (%)				
White	25 (61.0)	19 (50.0)	23 (54.8)	22 (51.2)
Black	3 (7.3)	5 (13.2)	8 (19.0)	6 (14.0)
Hispanic	3 (7.3)	7 (18.4)	2 (4.8)	5 (11.6)
Asian/Pacific Islander	2 (4.9)	0 (0.0)	1 (2.4)	4 (9.3)
Native American	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Other or unknown	8 (19.5)	7 (18.4)	8 (19.0)	6 (14.0)
Median household income, n (%)				
\$1-24,999	4 (9.8)	8 (21.1)	8 (19.0)	8 (18.6)
\$25,000-34,999	10 (24.4)	10 (26.3)	10 (23.8)	7 (16.3)
\$35,000-44,999	12 (29.3)	8 (21.1)	10 (23.8)	13 (30.2)
\$45,000 or more	12 9 (29.3)	12 (31.6)	14 (33.3)	14 (32.6)
Unknown	3 (7.3)	0 (0.0)	0 (0.0)	1 (2.3)
Concomitant diagnosis				
Cardiac Dysrhythmias	24 (58.5)	23 (60.5)	26 (61.9)	30 (69.8)
Respiratory failure	8 (19.5)	8 (21.1)	16 (38.1)	13 (30.2)
Diabetes	8 (19.5)	5 (13.2)	4 (9.5)	2 (4.7)
Hyperlipidemia	5 (12.2)	2 (5.3)	3 (7.1)	3 (7.0)
Hypertension	5 (12.2)	1 (2.6)	2 (4.8)	2 (4.7)
History of smoking	5 (12.2)	2 (5.3)	0 (0.0)	0
BMI ≥ 30 kg/m ²	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Number of concomitant diagnosis, mean ± SD	11.6 ± 3.0	12.5 ± 3.1	12.3 ± 3.1	12.8 ± 2.9
Year of hospitalization, n (%)				
1998	0 (0.0)	0 (0.0)	2 (4.8)	3 (7.0)
1999	6 (14.6)	0 (0.0)	0 (0.0)	1 (2.3)
2000	1 (2.4)	4 (10.5)	0 (0.0)	4 (9.3)
2001	1 (2.4)	11 (28.9)	8 (19.0)	5 (11.6)
2002	6 (14.6)	3 (7.9)	4 (9.5)	3 (7.0)
2003	1 (2.4)	0 (0.0)	4 (9.5)	4 (9.3)
2004	3 (7.3)	2 (5.3)	4 (9.5)	4 (9.3)
2005	4 (9.8)	2 (5.3)	6 (14.3)	6 (14.0)
2006	6 (14.6)	0 (0.0)	1 (2.4)	2 (4.7)
2007	3 (7.3)	6 (15.8)	2 (4.8)	1 (2.3)
2008	1 (2.4)	5 (13.2)	3 (7.1)	5 (11.6)
2009	1 (2.4)	2 (5.3)	5 (11.9)	4 (9.3)
2010	4 (9.8)	2 (5.3)	1 (2.4)	1 (2.3)
2011	4 (9.8)	1 (2.6)	2 (4.8)	0 (0.0)
Location of hospital, n (%)				
Rural	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Urban	41 (100.0)	38 (100.0)	42 (100.0)	43 (100.0)
Urban	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Bedsized of hospital, n (%)				
Small	4 (9.8)	0 (0.0)	0 (0.0)	2 (4.7)
Medium	7 (17.0)	6 (15.8)	5 (11.9)	0 (0.0)
Large	30 (73.2)	32 (84.2)	37 (88.1)	41 (95.3)
Unknown	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Teaching status of hospital, n (%)				
Nonteaching	1 (2.4)	1 (2.6)	2 (4.8)	1 (2.3)
Teaching	40 (97.6)	37 (97.4)	40 (95.2)	42 (97.7)
Unknown	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

