

Table 1. Studies reporting paravalvular leak rates post procedure, 30 days, 6 months and one year post TAVI

Author	Journal	Year Published	Patients	Valve	Male n (%)	Age	Time of ECHO	Logistic Euroscore	Significant PVR n (%)
Post Procedure									
D'Onofrio <i>et al</i> (19)	J Thorac and Cardiovasc Surg	Nov 2012	468	ES, SXT	190 (40)	82±4	PP	26±14.4	3 (0.6)
Tamburino <i>et al</i> (8)	Circulation	Jan 2011	663	MCV	292 (44)	81±7.3	PP	23±13.7	139 (20.9)
Gotzmann <i>et al</i> (5)	Am J Cardiol	Nov 2012	198	MCV	93 (47)	80±6	PP	22±16	28 (13.8)
Nuis <i>et al</i> (20)	Am J Cardiol	Jun 2012	211	MCV	107 (50)	80±8	PP	13.8±8.2	24 (12)
Vasa-Nicotera <i>et al</i> (4)	JACC Cardiovasc Interv	Aug 2012	122	ES, MCV	65 (53.3)	81.7±6.8	PP	22.4±13	20 (16.4)
Nombela-Franco <i>et al</i> (21)	JACC Cardiovasc Interv	May 2012	211	ES, SXT	86 (40.8)	79±8	PP	24.9±15.2	59 (27.9)
Bagur <i>et al</i> (9)	JACC Cardiovasc Imaging	Feb 2011	100	ES, SXT	41 (41)	79±9	PP	25.8±17.6	0
Masson <i>et al</i> (22)	Catheter cardiovasc interv	Aug 2010	136	CE, ES	69 (50.7)	85.1±6.9	PP	29±12.5	11 (8.08)
Unbehaun <i>et al</i> (23)	J Am Coll Cardiol	Jan 2012	358	ES	120 (34)	79.5±8.3	PP	38.2±20.7	2 (0.6)
Drews <i>et al</i> (24)	An Thorac Surg	Jan 2013	186	ES	64 (34.4)	81±8	PP	63±16	2 (1.07)
Fraccaro <i>et al</i> (25)	Circ Cardiovasc Interv	Apr 2012	384	ES, MCV, SXT	185 (48)	80±7	PP	24±15.6	16 (4.1)
Panico <i>et al</i> *(26)	Minerva Cardioangiol	Dec 2012	118	ES, MCV	55 (46.6)	82.5±5.8 7	PP	25.8±15.4	24 (20.4)
Haensig <i>et al</i> (27)	Eur J Cardiothorac Surg	Jun 2012	120	ES	30 (25)	82.6±6.2	PP	30.1±15.5	4 (3.33)

30 days									
Gilard <i>et al</i> *(28)	N Engl J Med	May 2012	3195	MCV, ES	1630 (51)	82.7±7.2	30 days	21.9. ±14.3	316 (9.89)
Moat <i>et al</i> (29)	J Am Coll Cardiol	Nov 2011	870	MCV, ES	456 (52.4)	81.9±7.1	30 days	18.5±9.4	118 (13.6)
D'Errigo <i>et al</i> (30)	Int J Cardiol	May 2012	133	MCV, SXT	83 (62.4)	79±7.4	30 days	8.8±9.5	8 (6.01)
Leon <i>et al</i> *(1)	N Engl J Med	Oct 2010	179	ES	82 (45.8)	83.1±8.6	30 days	26.4±17.2	21 (11.8)
6 months									
Gotzmann <i>et al</i> (7)	Am Heart J	Aug 2011	145	MCV	NS	79.1±6.4	6 months	21±16.2	25 (17.2)
Gilard <i>et al</i> *(28)	N Engl J Med	May 2012	3195	MCV, ES	1630 (51)	82.7±7.2	6 months	21.9. ±14.3	316 (9.89)
1 year									
Ussia <i>et al</i> (31)	Eur Heart J	Apr 2012	181	MCV	80 (44.2)	80.9±6.1	1 year	24±13.5	32 (17.7)
Gilard <i>et al</i> *(28)	N Engl J Med	May 2012	3195	MCV, ES	1630 (51)	82.7±7.2	1 year	21.9. ±14.3	316 (9.89)
Leon <i>et al</i> *(1)	N Engl J Med	Oct 2010	179	ES	82 (45.8)	83.1±8.6	1 year	26.4±17.2	21 (11.8)
Panico <i>et al</i> *(26)	Minerva Cardioangiol	Dec 2012	118	ES, MCV	55 (46.6)	82.5±5.8	1 year	25.8±15.4	24 (20.4)

7

ES Edward Sapien, MCV Medtronic CoreValve, SXT Sapien XT, ECHO echocardiography, PP post procedure, NS not specified, * included at more than one time point