

## RVOT - Right Ventricular Outflow Tract valve implant

### Gross analysis of explanted acellular porcine pulmonary valves

Please score each valve on a scale of 0-3 Where: 0= none; 1= minimal; 2= moderate and 3= severe/ complete

Nº ID	Valve	Group	Sheep	Implant date	Explant date	Follow up time	Calcium wall	Calcium cusps	Cusps retraction	Fenestration	Thrombi	Vegetations	Observation
26	Decellularised porcine pulmonary graft B4 PPV5 19mm 30/09/2013	1 month	168	10/04/14	09/05/14	29	0	0	0	0	0	0	
24	Decellularised porcine pulmonary graft B3 PPV1 19mm 29/07/2013	1 month	169	20/03/14	23/04/14	34	0	0	0	1	0	0	
23	Decellularised porcine pulmonary graft B3 PPV6 18mm 29/07/2013	1 month	156	20/03/14	23/04/14	34	0	0	0	0	0	0	
22	Decellularised porcine pulmonary graft B3 PPV2 19mm 29/07/2013	1 month	158	20/03/14	23/04/14	34	0	0	0	0	0	0	
21	Decellularised porcine pulmonary graft B3 PPV5 19mm 29/07/2013	3 months	87	13/03/14	11/06/14	90	0	0	0	1	0	0	
20	Decellularised porcine pulmonary graft B4 PPV1 18mm 30/09/2013	3 months	86	13/03/14	11/06/14	90	0	0	0	0	0	0	
19	Decellularised porcine pulmonary graft B1 PPV1 17.5mm 15/07/2013	3 months	83	13/03/14	11/06/14	90	0	0	0	0	0	0	
18	Decellularised porcine pulmonary graft B2 PPV3 18mm 22/07/2013	3 months	78	13/03/14	11/06/14	90	0	0	0	0	0	0	Presence of alteration in wall.
16	Decellularised porcine pulmonary graft B4 PPV2 18mm 30/09/2013	6 months	84	13/03/14	04/09/14	175	0	0	0	0	0	0	
15	Decellularised porcine pulmonary graft B4 PPV3 18mm 30/09/2013	6 months	81	27/02/14	04/09/14	189	0	0	0	0	0	0	
14	Decellularised porcine pulmonary graft B1 PPV6 19mm 15/07/2013 OBS: Dano na adventicia	6 months	80	27/02/14	04/09/14	189	3	3	0	2	0	3	Presence of vegetation in all valve
13	Decellularised porcine pulmonary graft B1 PPV2 18mm 15/07/2013	6 months	85	27/02/14	04/09/14	189	0	0	0	0	0	0	
12	Decellularised porcine pulmonary graft B1 PPV4 18mm 15/07/2013	12 months	79	20/02/14	27/02/15	372	0	0	0	0	0	0	OBS.: The valve was observed intact. Suboptimal analysis.
11	Decellularised porcine pulmonary graft B2 PPV5 18mm 22/07/2013	12 months	77	20/02/14	27/02/15	372	2	0	0	2	0	0	Fenestration observed in one cusp. Focal area of calcification observed in pulmonary wall close to distal suture.
10	Decellularised porcine pulmonary graft B2 PPV4 18mm 22/07/2013	12 months	76	20/02/14	27/02/15	372	0	0	0	0	0	0	OBS.: The valve was observed intact. Suboptimal analysis.
9	Decellularised porcine pulmonary graft B4 PPV4 17mm 30/09/2013	12 months	75	20/02/14	27/02/15	372	0	0	0	2	0	0	Presence of fenestration in one cusp.
8	Decellularised porcine pulmonary graft B4 PPV6 19mm 30/09/2013	12 months	74	13/02/14	27/02/15	379	0	0	0	0	0	0	OBS.: The valve was observed intact. Suboptimal analysis.
7	Decellularised porcine pulmonary graft B3 PPV3 19mm 29/07/2013	12 months	73	13/02/14	27/02/15	379	0	0	0	0	0	0	
6	Decellularised porcine pulmonary graft B1 PPV3 18mm 24/07/2013	12 months	72	13/02/14	27/02/15	379	0	0	0	0	0	0	OBS.: The valve was observed intact. Suboptimal analysis.
5	Decellularised porcine pulmonary graft B1 PPV3 18mm 15/07/2013	12 months	71	13/02/14	27/02/15	379	0	0	0	2	0	0	
4	Ovine homograft cryopreserved nº3	Control	58	22/08/13	04/09/14	378	0	0	0	0	0	0	The graft wall present a rupture. (Vide Photos)
3	Ovine homograft cryopreserved nº4	Control	56	22/08/13	04/09/14	378	0	0	0	0	0	0	The graft Valssalva sinus present a aneurysm. (Vide Photos)
2	Ovine homograft cryopreserved nº2	Control	61	15/08/13	04/09/14	385	0	0	0	0	0	0	
1	Ovine homograft cryopreserved nº1	Control	59	15/08/13	04/09/14	385	0	0	0	0	0	0	