

Supplementary Material

Table S1. Doses of vaccines administered, divided for each type of vaccine and stratified by degree of immunosuppression and disease.

Autoimmune disease- vaccinated patients	Type of immunosuppressive therapy	N° (%) patients	N° of administered doses					
			Shingrix	Prevenar 13	Pneumovax	Bexsero	Menveo	Hiberix
Not taking immunosuppressive therapy		9 (25%)	18	2	1	2	1	0
Taking Immunosuppressive therapy	Combined high grade	16 (44,4%)	32	2	0	2	1	0
	Single high grade	8 (22,2%)	16	0	0	2	1	0
	Single low/moderate grade	3 (8,3%)	6	1	0	2	1	1
PID (confirmed or highly suggestive)		N° (%) patients	Shingrix	Prevnar-13	Pneumovax	Baxero	Menveo	Hiberix
Highly suspected common variable immunodeficiency being diagnosed		2 (28,5%)	4	0	0	0	0	0
Confirmed Common Variable Immunodeficiency (CVID)		2 (28,5%)	4	1	1	0	0	0
Confirmed IgG deficiency		2 (28,5%)	4	0	0	2	0	0
Confirmed X-linked agammaglobulinemia		1 (14,2%)	2	0	0	0	0	0
Organ transplant (liver)		1	2	1	0	0	0	0
Severe asthma		1	2	0	0	0	0	
Total		45	90	7	2	10	4	1