

Supplementary Table 1: Vaccination rates of tetanus toxoid, diphtheria and pertussis

Patients	Tetanus				Diphtheria				Pertussis			
	At least one vaccine uptake	Documentation of basic immunization	Documentation of one vaccine uptake within the last 10 years	Complete documentation of vaccination	At least one vaccine uptake	Documentation of basic immunization	Documentation of one vaccine uptake within the last 10 years	Complete documentation of vaccination	At least one vaccine uptake	Documentation of basic immunization	Documentation of one vaccine uptake within the last 10 years	Complete documentation of vaccination
All (n=540)	525	364	454	308	511	296	450	258	388	384	360	369
RA (n=230)	219	147	192	126	213	116	191	104	160	159	152	154
PsA (n=74)	73	52	59	40	71	43	59	35	57	57	53	55
axSpA (n=76)	75	57	64	47	74	50	64	41	56	54	74	48
SLE (n=28)	27	18	23	16	26	16	20	12	21	21	17	19
Vasculitis (n=73)	72	48	64	41	68	32	64	30	48	47	48	74
Other (n=59)	59	42	52	38	59	39	52	36	46	46	43	46

Supplementary Table 2: Vaccination rates of polio, hepatitis B, pneumococcal and meningococcal

Patients	Polio				Hepatitis B		Pneumococcal		Meningococcal	
	At least one vaccine uptake	Documentation of basic immunization	Documentation of one vaccine uptake within the last 10 years	Complete documentation of vaccination	At least one vaccine uptake	Documentation of Complete immunization	At least one vaccine uptake	Documentation of one vaccine uptake within the last 5 years	At least one vaccine uptake	Documentation of complete immunization with MenB and MenACWY
All (n=540)	479	274	352	253	157	122	292	265	Gesamt: MenB:4 MenC:18 MenACWY:30	14
RA (N=230)	201	105	152	96	104	36	142	128	Gesamt: MenB:2 MenC:7 MenACWY:14	6
PsA (n=74)	65	41	45	37	48	17	29	27	Gesamt: MenB:0 MenC:3 MenACWY:4	3
axSpA (n=76)	67	47	47	42	68	26	34	33	Gesamt: MenB:0 MenC:2 MenACWY:6	2
SLE (n=28)	26	17	15	14	24	10	13	12	Gesamt: MenB:0 MenC:2 MenACWY:1	0
Vasculitis (n=73)	64	31	54	31	27	15	44	38	Gesamt: MenB:1 MenC:0 MenACWY:2	1
Other (n=59)	56	33	39	33	36	18	28	27	Gesamt: MenB:1 MenC:4 MenACWY:3	2

Supplementary Table 3: Vaccination rates of influenza, measles, rubella and varizella

Patients	Influenza		Measles		Rubella		Varizella	
	At least one vaccine uptake	Documentation of one vaccine uptake within the last year	At least one vaccine uptake	Documentation of basic immunization	At least one vaccine uptake	Documentation of basic immunization	At least one vaccine uptake	Documentation of basic immunization
All (n=540)	412+	180	94	50	103	42	4	3
RA (N=230)	192	85	20	14	27	10	1	1
PsA (n=74)	62	21	16	8	18	8	1	1
axSpA (n=76)	61	17	27	13	25	8	0	0
SLE (n=28)	13	8	10	3	8	4	0	0
Vasculitis (n=73)	27	22	5	2	6	1	0	0
Other (n=59)	51	26	16	10	19	11	1	1