

SUMMARY OF THE MALAYSIAN PSORIASIS REGISTRY RESULTS (2007- 2014)



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NUMBER OF CASES REPORTED

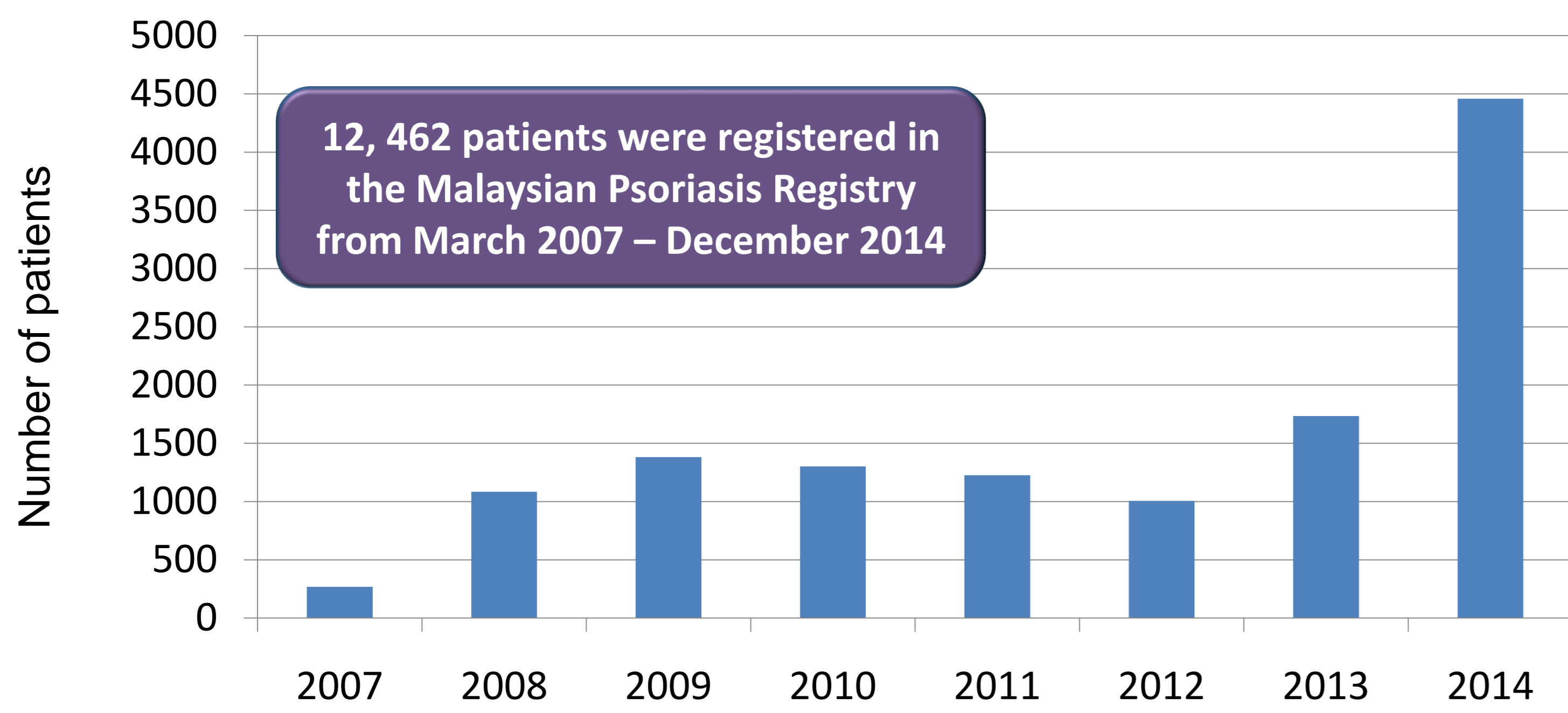


Figure 1 Patients registered in the Malaysian Psoriasis Registry by year (2007-2014)

Table 1 New patients registered in the Malaysian Psoriasis Registry by year and centres (2007-2014)

Reporting centres	Number of patients								Total
	2007	2008	2009	2010	2011	2012	2013	2014	
Hospital Kuala Lumpur	9	62	146	118	60	67	189	403	1054
Hospital Tengku Ampuan Rahimah	NA	64	139	106	92	68	73	234	776
Hospital Pulau Pinang	6	39	156	55	66	5	126	117	570
Hospital Melaka	NA	NA	8	112	99	102	128	70	519
Hospital Queen Elizabeth	19	99	115	100	121	89	133	175	851
Hospital Sultanah Bahiyah	12	59	68	72	57	70	75	138	551
Hospital Umum Sarawak	3	34	56	21	17	32	32	135	330
Hospital Sultanah Aminah	NA	13	16	14	47	38	175	229	532
Hospital Raja Permaisuri Bainun	7	11	17	4	52	85	65	148	389
Hospital Tengku Ampuan Afzan	NA	30	40	53	69	48	92	97	429
Hospital Sultanah Fatimah	0	11	15	9	13	27	6	75	156
Hospital Tuanku Jaafar	NA	42	0	32	61	2	84	69	290
Hospital Selayang	NA	NA	NA	NA	NA	NA	NA	230	231
Hospital Tuanku Fauziah	1	11	15	17	24	8	3	1	80
Hospital Raja Perempuan Zainab II	NA	NA	NA	NA	0	3	11	6	20
Hospital Putrajaya	NA	NA	NA	NA	NA	NA	NA	73	73
Hospital Ampang	NA	NA	NA	NA	NA	NA	12	81	99
Universiti Malaya Medical Centre	NA	NA	NA	NA	31	25	2	0	58
Universiti Kebangsaan Malaysia Medical Centre	NA	NA	NA	16	0	23	4	1	44
Hospital Sungai Buloh	2	21	1	0	0	0	0	1	25
Prince Court Medical Centre	NA	NA	5	17	3	1	3	1	30
Gleneagles Medical Center	NA	6	6	0	0	0	0	0	12
Total	59	502	803	746	815	696	1214	2284	7119

NA – Not applicable (Centre has not joined MPR)

Table 2 Follow-up patients registered in the Malaysian Psoriasis Registry by year and centres (2007-2014)

Reporting centres	Number of patients								Total
	2007	2008	2009	2010	2011	2012	2013	2014	
Hospital Kuala Lumpur	50	122	59	22	13	18	119	536	939
Hospital Tengku Ampuan Rahimah	NA	6	18	53	7	8	23	386	501
Hospital Pulau Pinang	14	47	115	79	126	11	26	74	492
Hospital Melaka	NA	NA	78	136	107	62	25	59	467
Hospital Queen Elizabeth	1	2	9	31	12	3	0	60	118
Hospital Sultanah Bahiyah	97	163	26	6	6	23	28	66	415
Hospital Umum Sarawak	1	99	23	27	17	14	75	344	600
Hospital Sultanah Aminah	NA	24	130	55	19	34	27	85	374
Hospital Raja Permaisuri Bainun	38	32	69	35	25	41	36	214	490
Hospital Tengku Ampuan Afzan	NA	10	5	46	16	23	47	115	262
Hospital Sultanah Fatimah	4	30	10	22	25	52	8	141	292
Hospital Tuanku Jaafar	NA	11	0	0	3	0	10	18	42
Hospital Selayang	NA	NA	NA	NA	NA	NA	NA	18	18
Hospital Tuanku Fauziah	NA	19	36	44	24	15	11	6	155
Hospital Raja Perempuan Zainab II	NA	NA	NA	NA	9	6	83	16	114
Hospital Putrajaya	NA	NA	NA	NA	NA	NA	NA	13	13
Hospital Ampang	NA	NA	NA	NA	NA	NA	0	21	21
Universiti Malaya Medical Centre	NA	NA	NA	NA	3	0	0	0	3
Universiti Kebangsaan Malaysia Medical Centre	NA	NA	NA	0	0	0	0	0	0
Hospital Sungai Buloh	5	8	0	0	0	0	0	0	13
Prince Court Medical Centre	NA	NA	1	0	0	0	2	2	5
Gleneagles Medical Center	NA	9	0	0	0	0	0	0	9
Total	210	582	579	556	412	310	520	2174	5343

NA – Not applicable (Centre has not joined MPR)

DEMOGRAPHIC CHARACTERISTICS

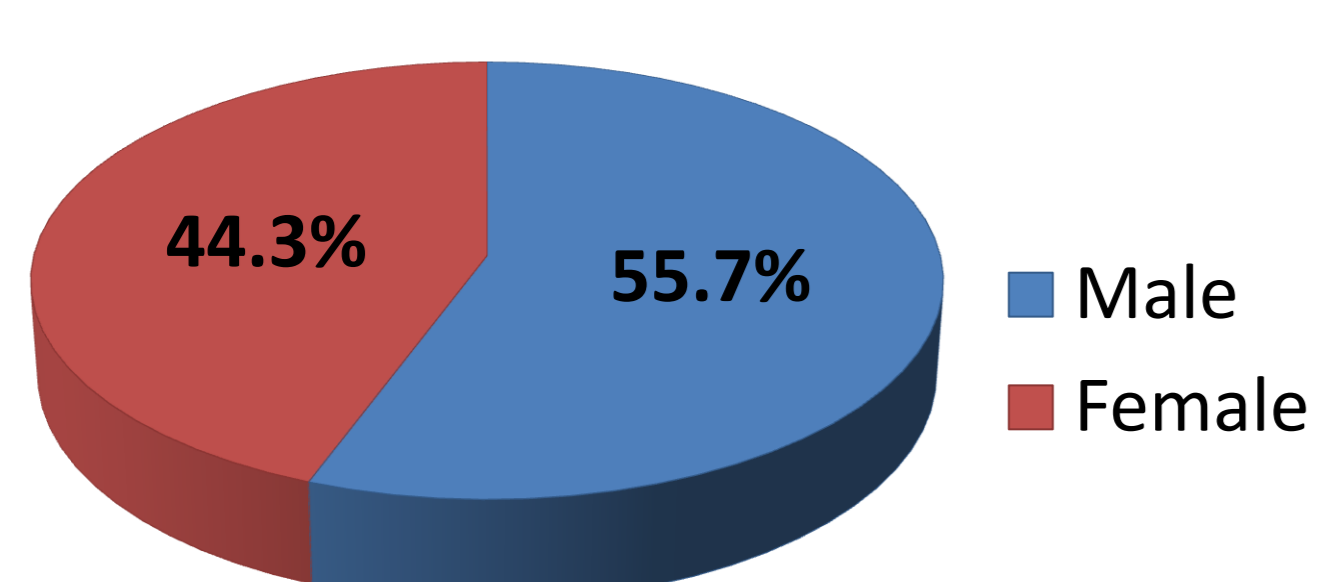


Figure 2 Gender of psoriasis patients

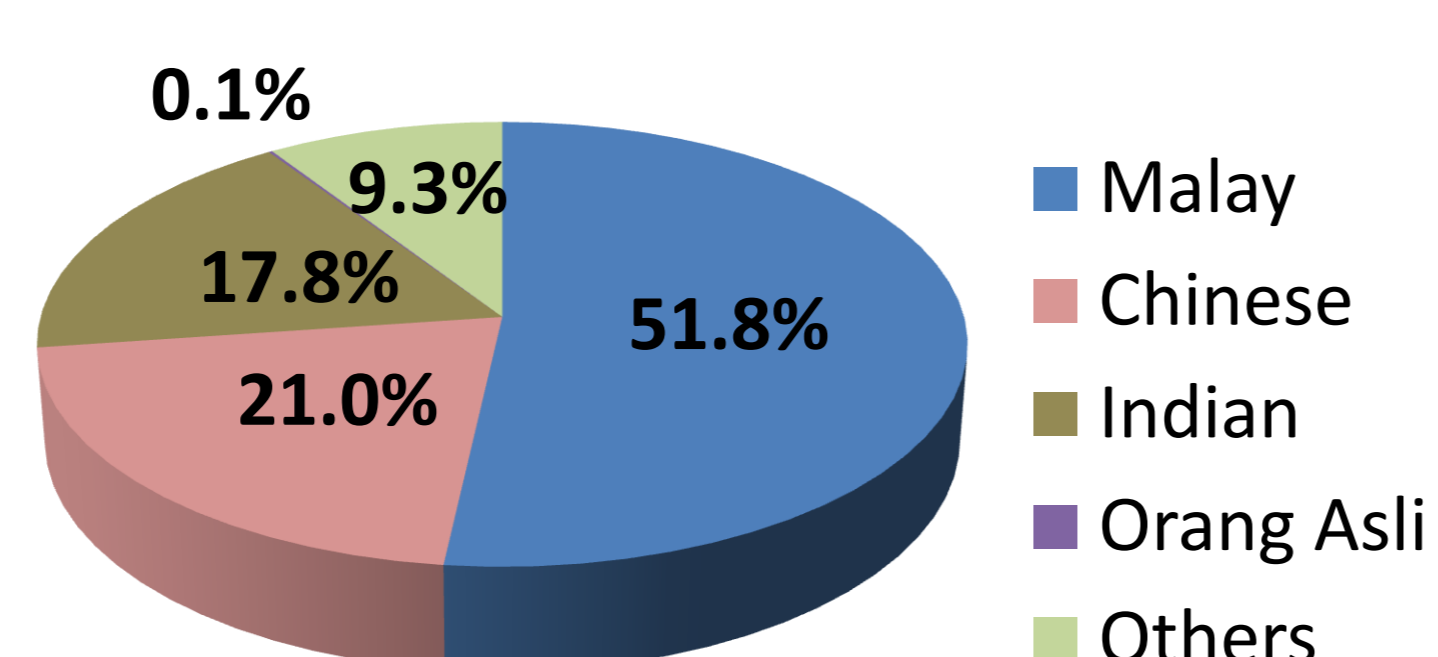


Figure 3 Ethnicity of psoriasis patients

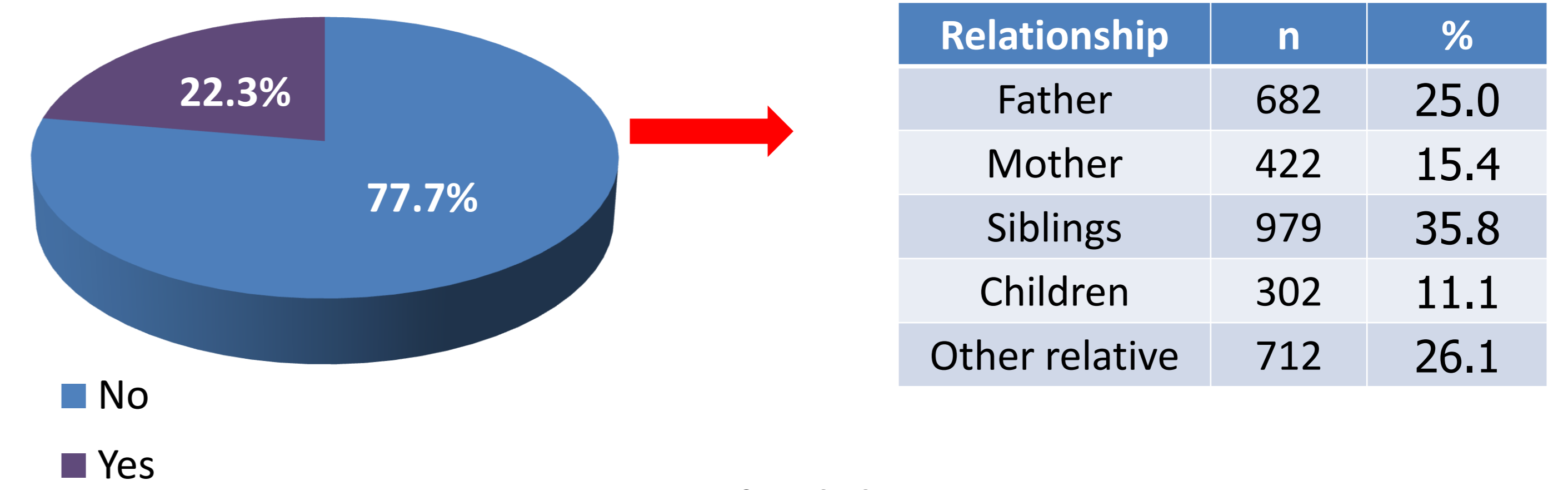


Figure 4 Positive family history

MEDICAL HISTORY

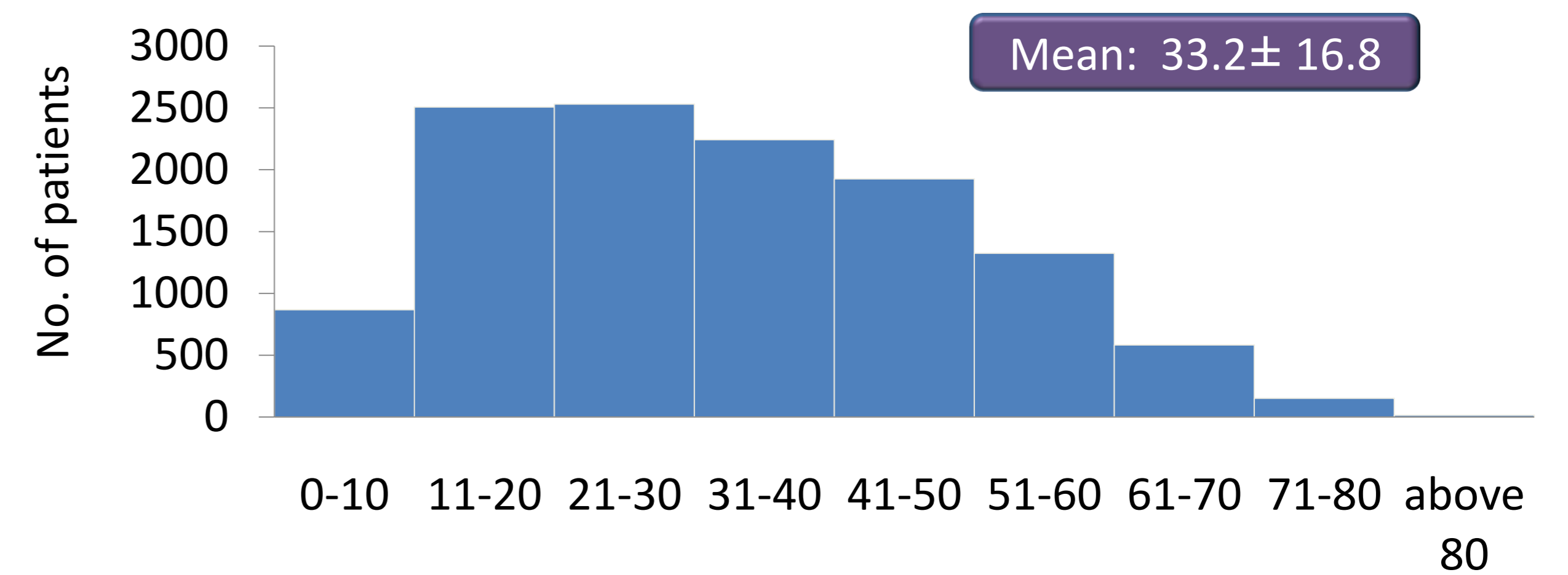


Figure 5 Age of onset of psoriasis

Table 3 Aggravating factors in psoriasis

6,366 (52.6%) patients reported one or more aggravating factors

Aggravating factors	n	%
Stress	4153	65.2
Sunlight	2127	33.4
Infection	967	15.2
Smoking	498	7.8
Trauma	430	6.8
Drugs	284	4.5
Alcohol	203	3.2
Pregnancy	175	2.7
Topical Treatment	69	1.1

Infection	n
Upper resp. tract infection	113
Fever / febrile illness	53
Dengue fever	8
Viral infections	8
HIV	5
Chickenpox	5
Pneumonia	3
Skin infection	2
Chikugunya	1
Not specified	60

Table 4 Medications aggravating psoriasis

Medications	n
Anti-hypertensive (beta-blocker)	44
Steroid withdrawal	43
Traditional/supplements	16
Analgesia (NSAID)	15
Antibiotic	13
Hormone replacement therapy/oral contraceptive pills	4
Anti-hypertensive (ACE-inhibitor)	3
Analgesia (not specified)	2
Anti-hypertensive (not specified)	2
Anti-malarial	2
Others	16
Not specified	10

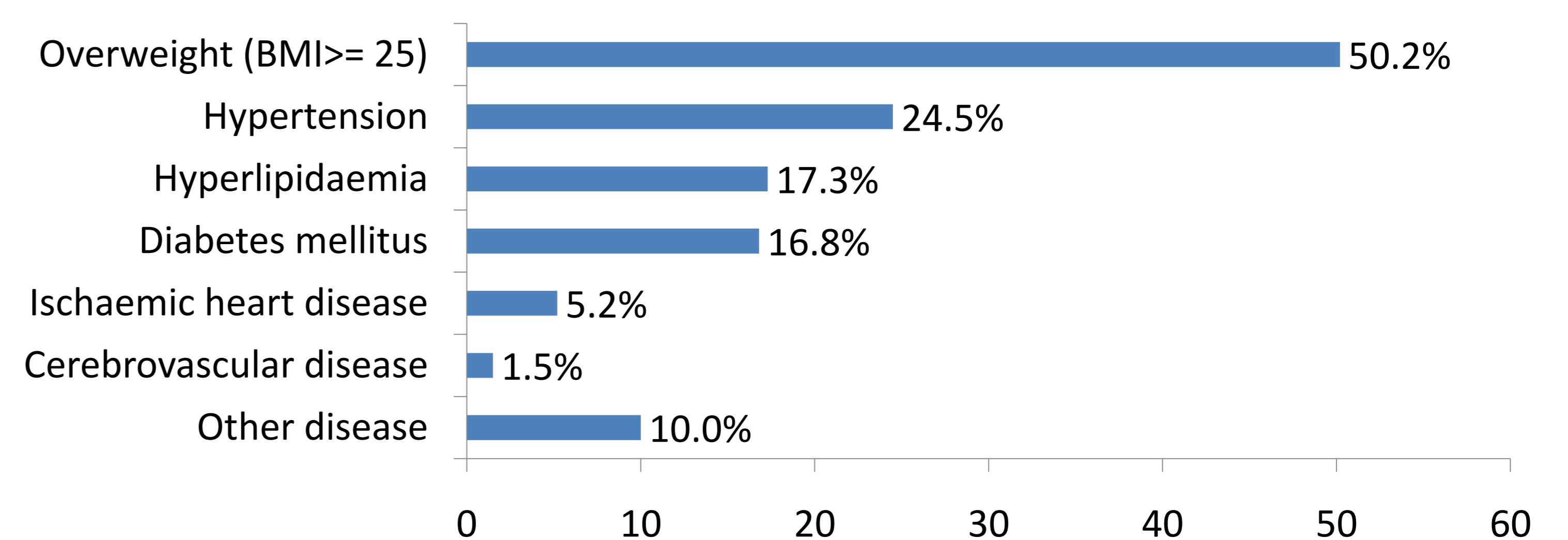


Figure 6 Percentage of co-morbidities in adult patients with psoriasis

CLINICAL CHARACTERISTICS

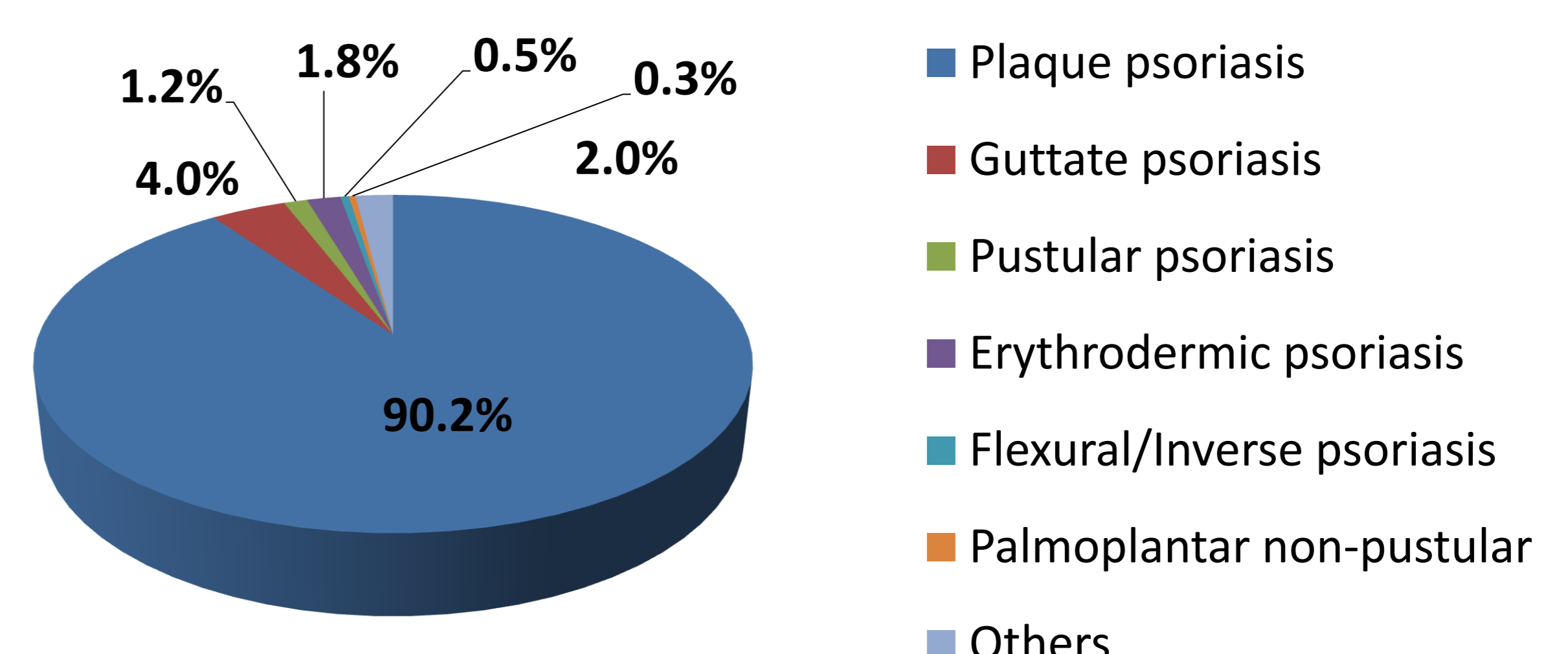


Figure 7 Type of psoriasis

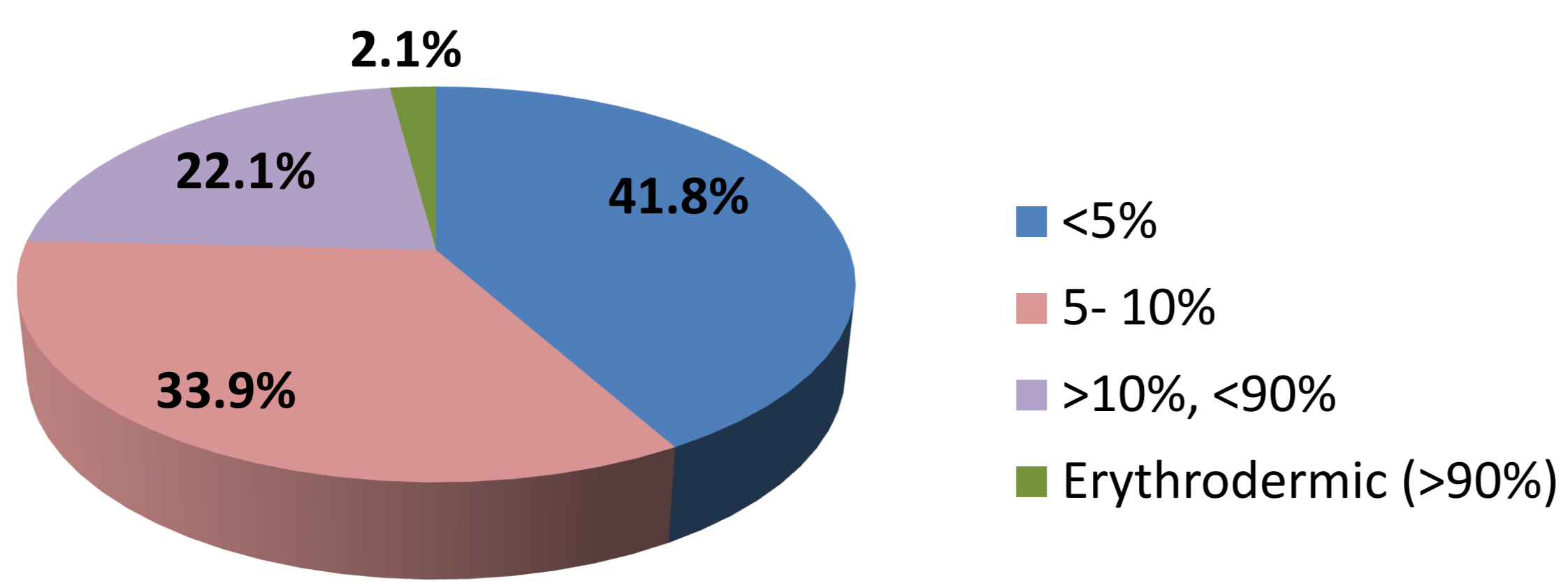


Figure 8 Severity of psoriasis

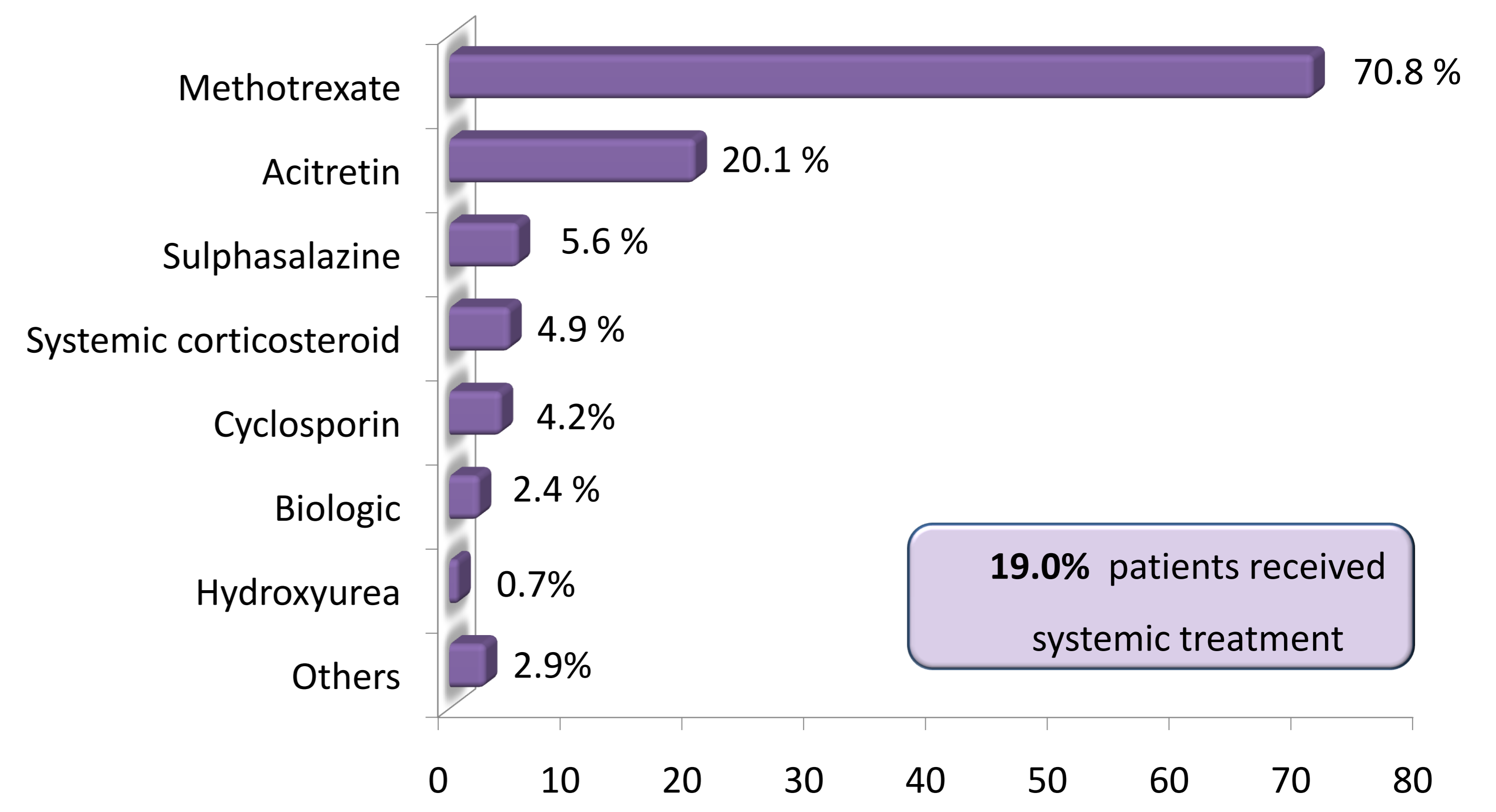


Figure 13 Systemic therapy

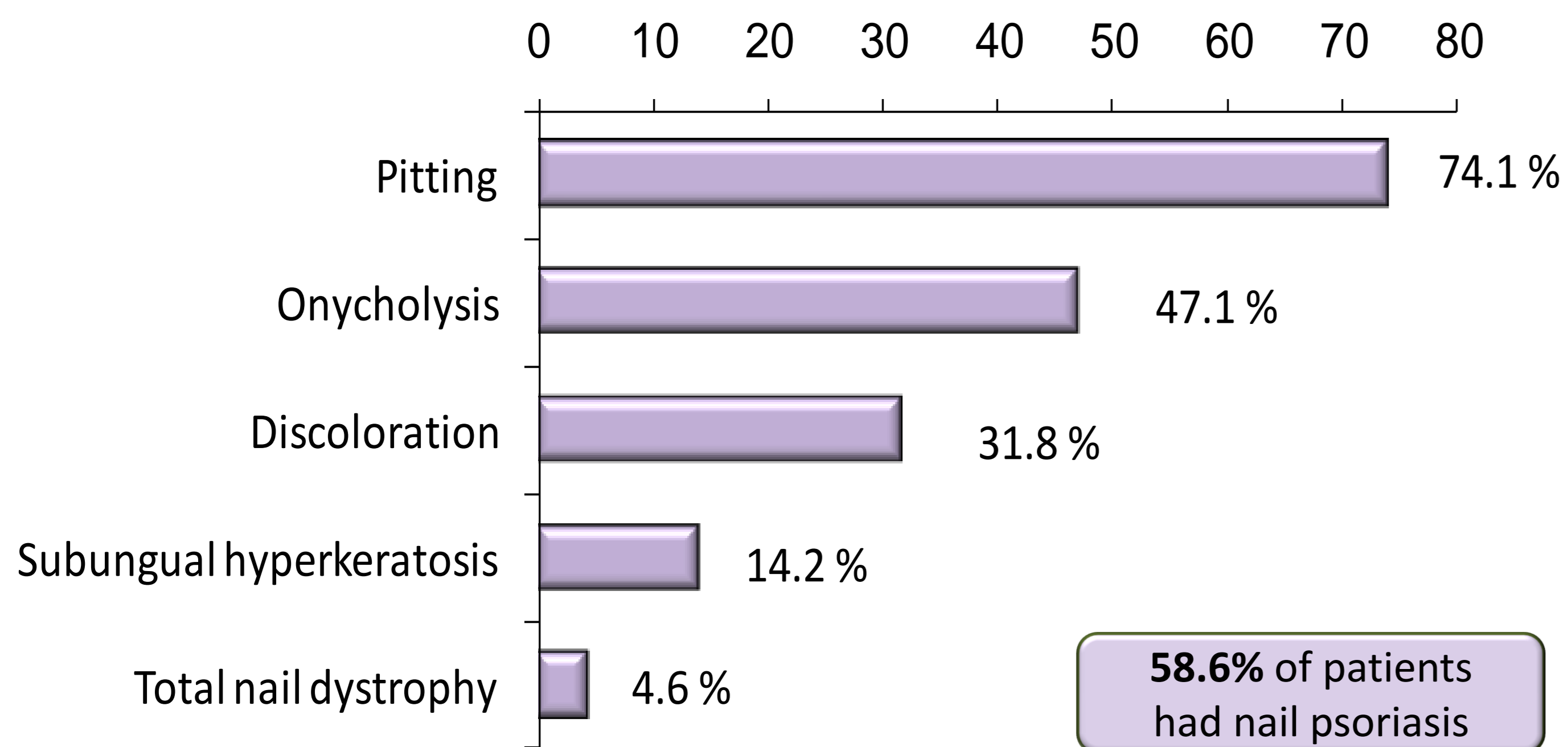


Figure 9 Type of nail psoriasis

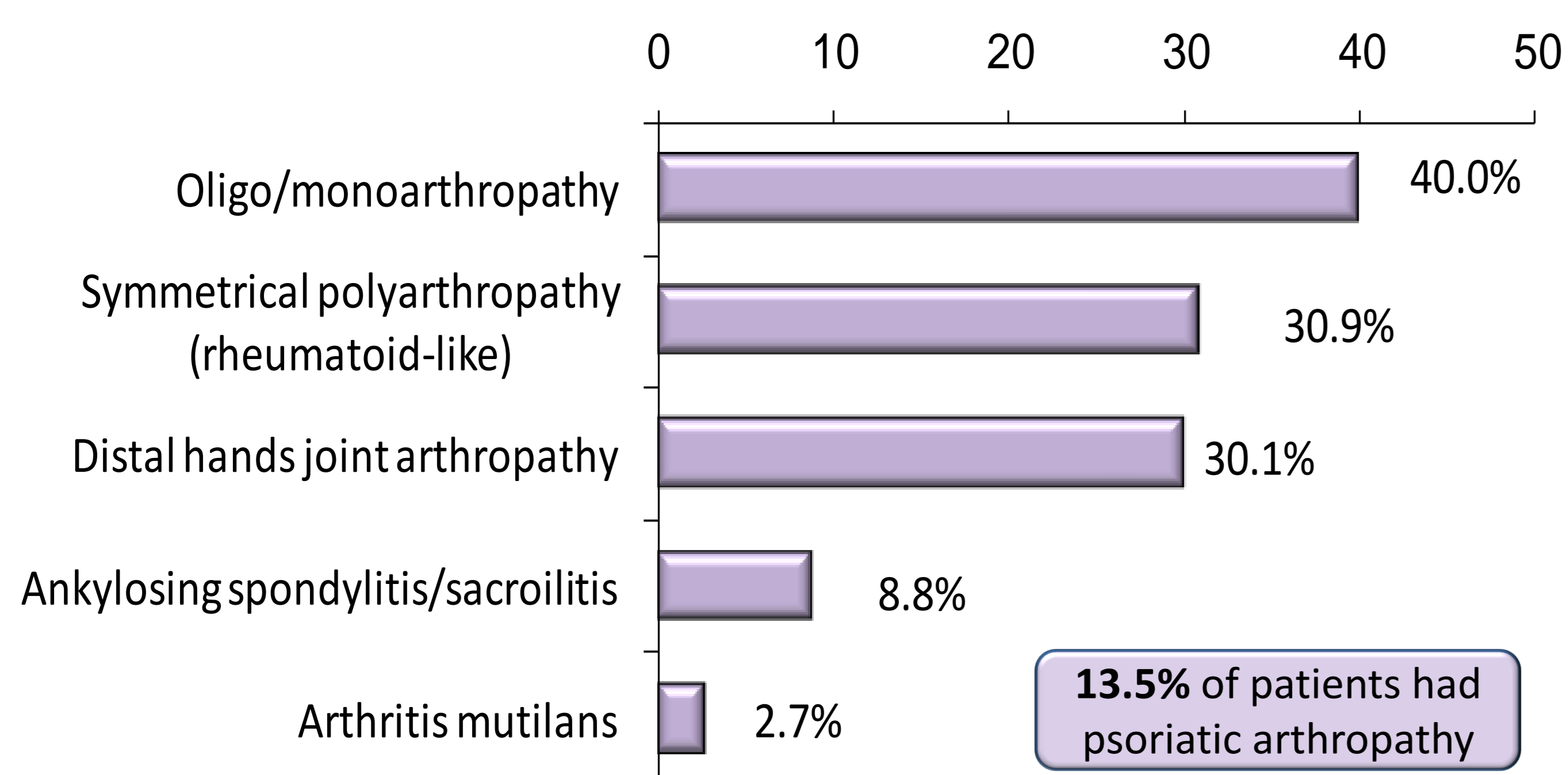


Figure 10 Type of psoriatic arthropathy

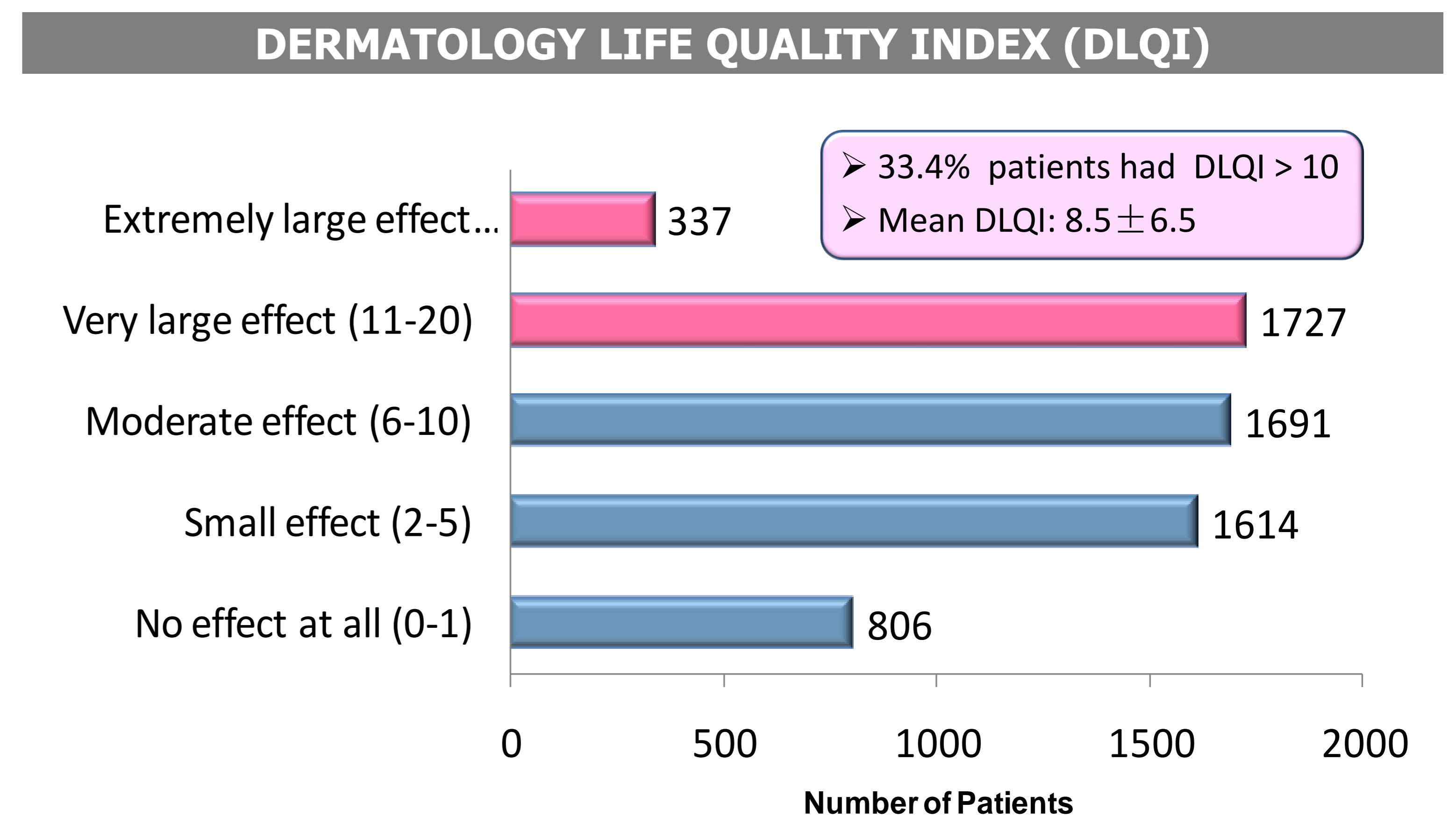


Figure 14 Quality of life in adult patients with psoriasis

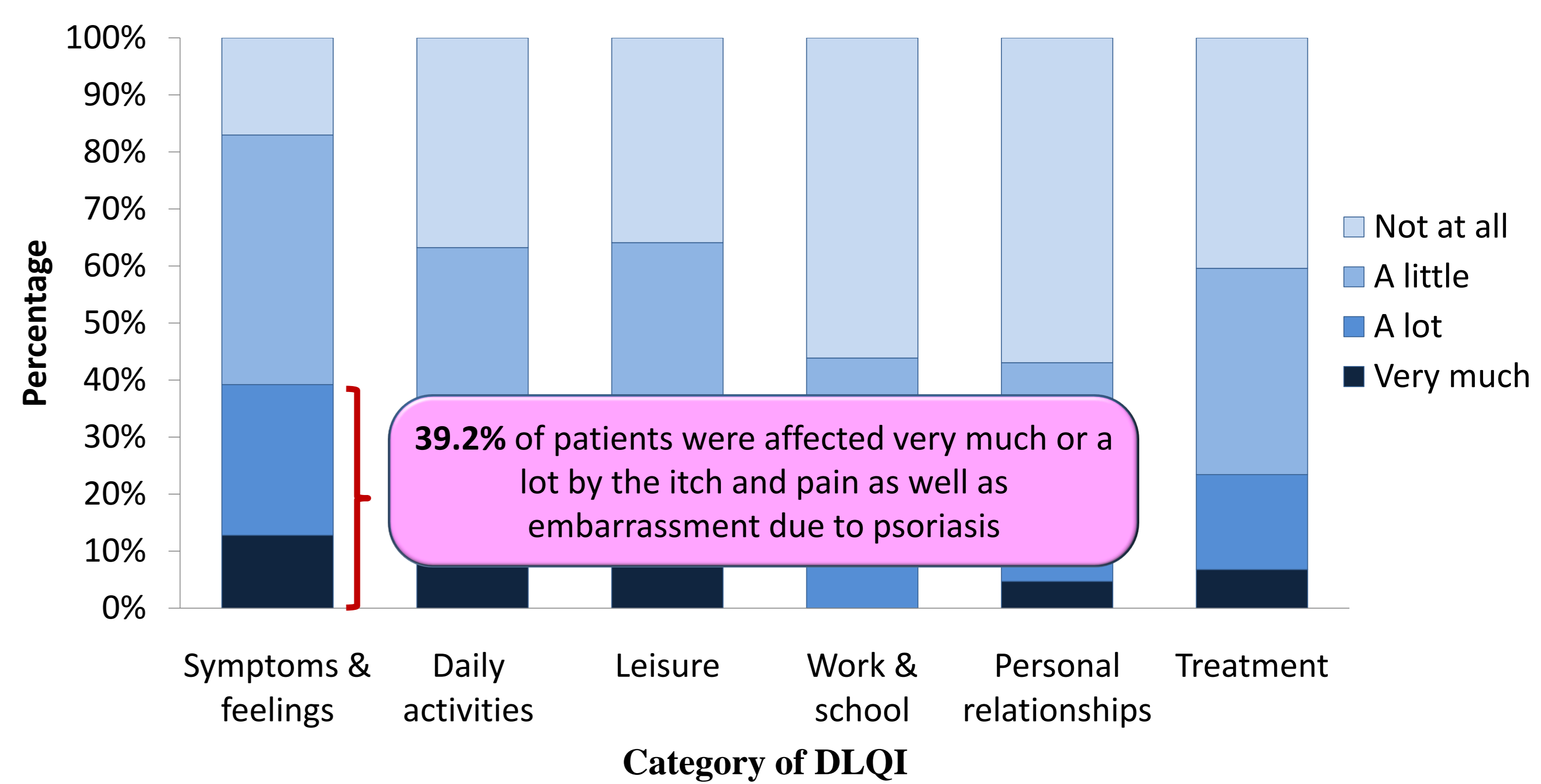


Figure 15 QoL impairment in adult psoriasis patients based on category of DLQI

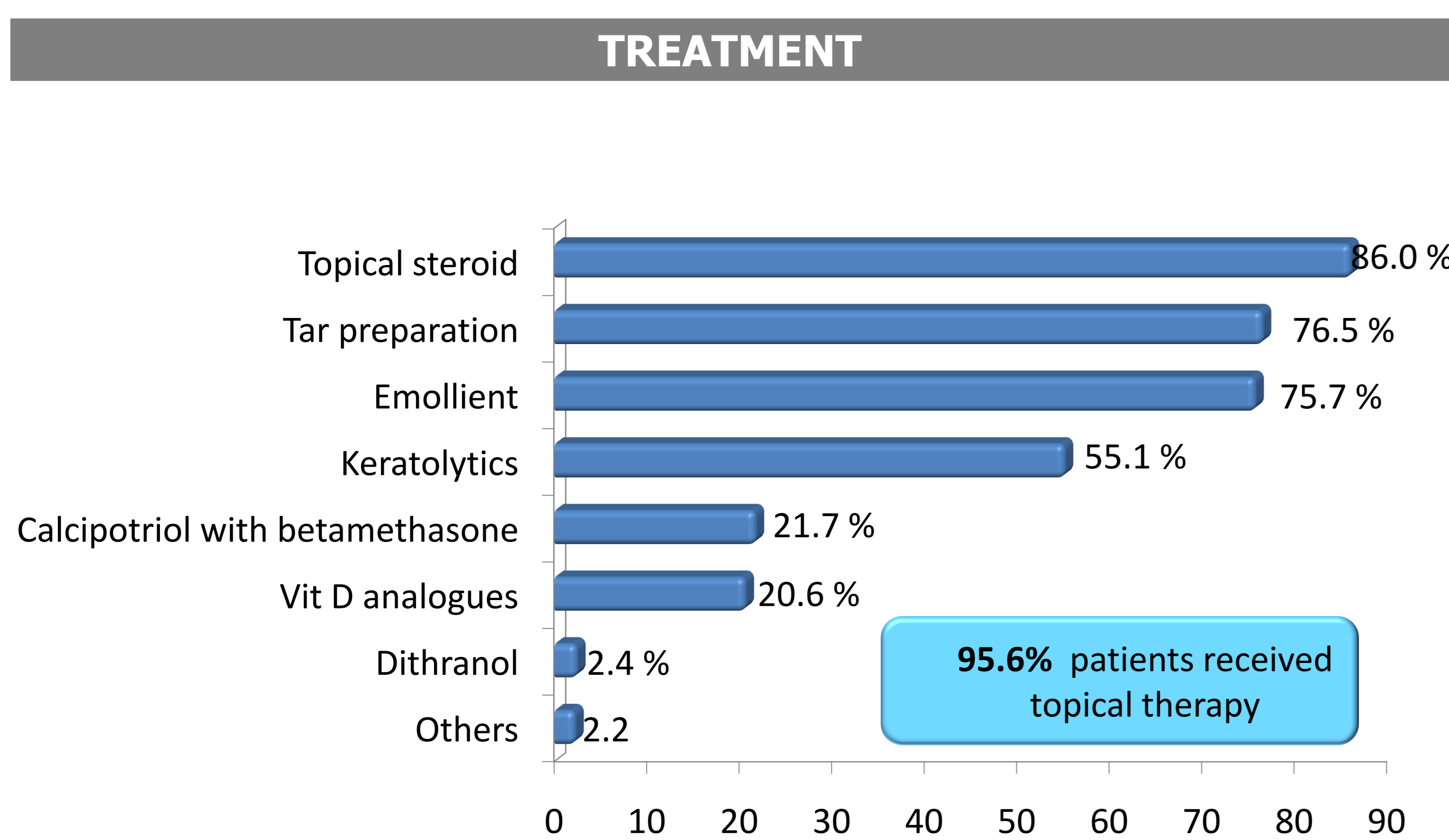


Figure 11 Topical therapy

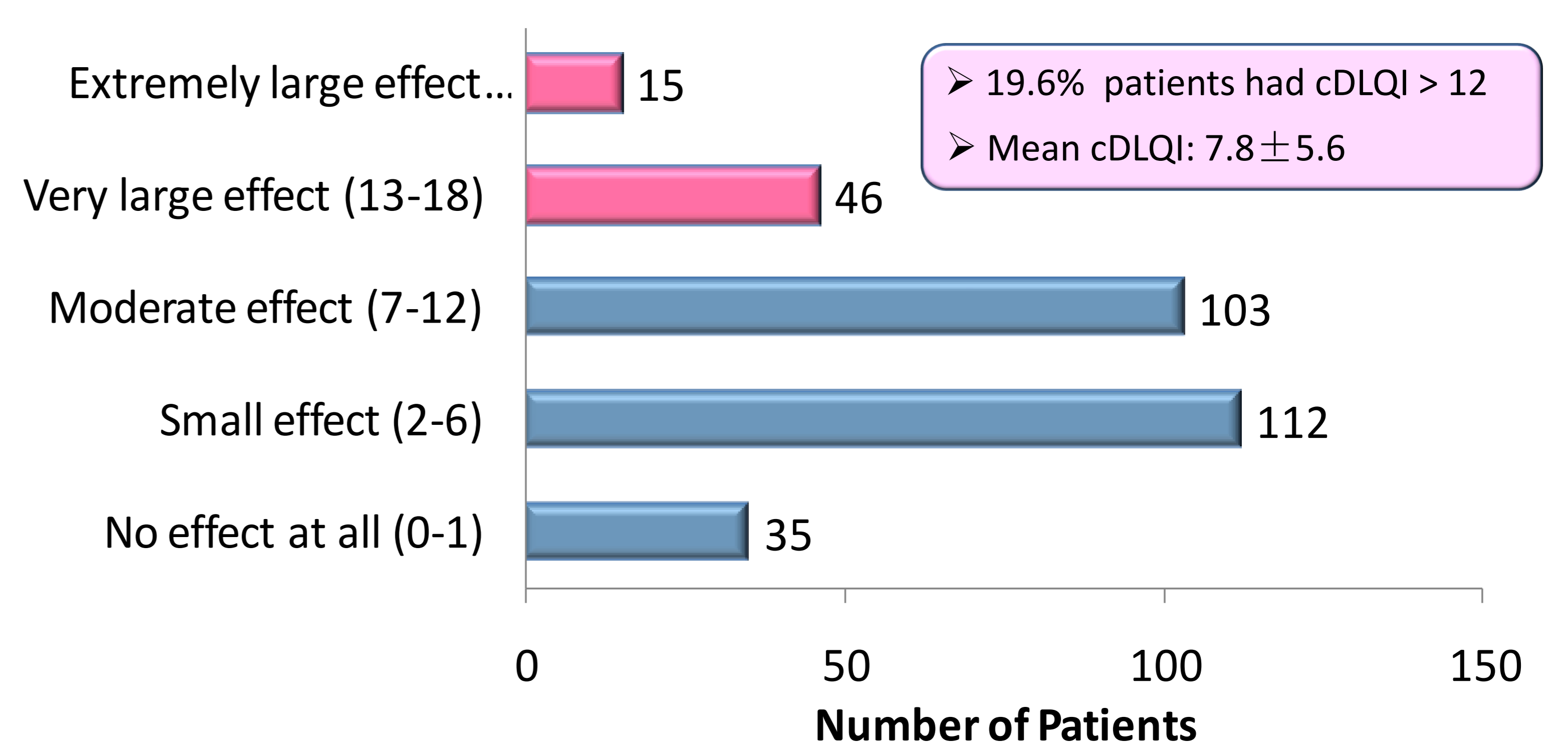


Figure 16 Quality of life in paediatric patients with psoriasis

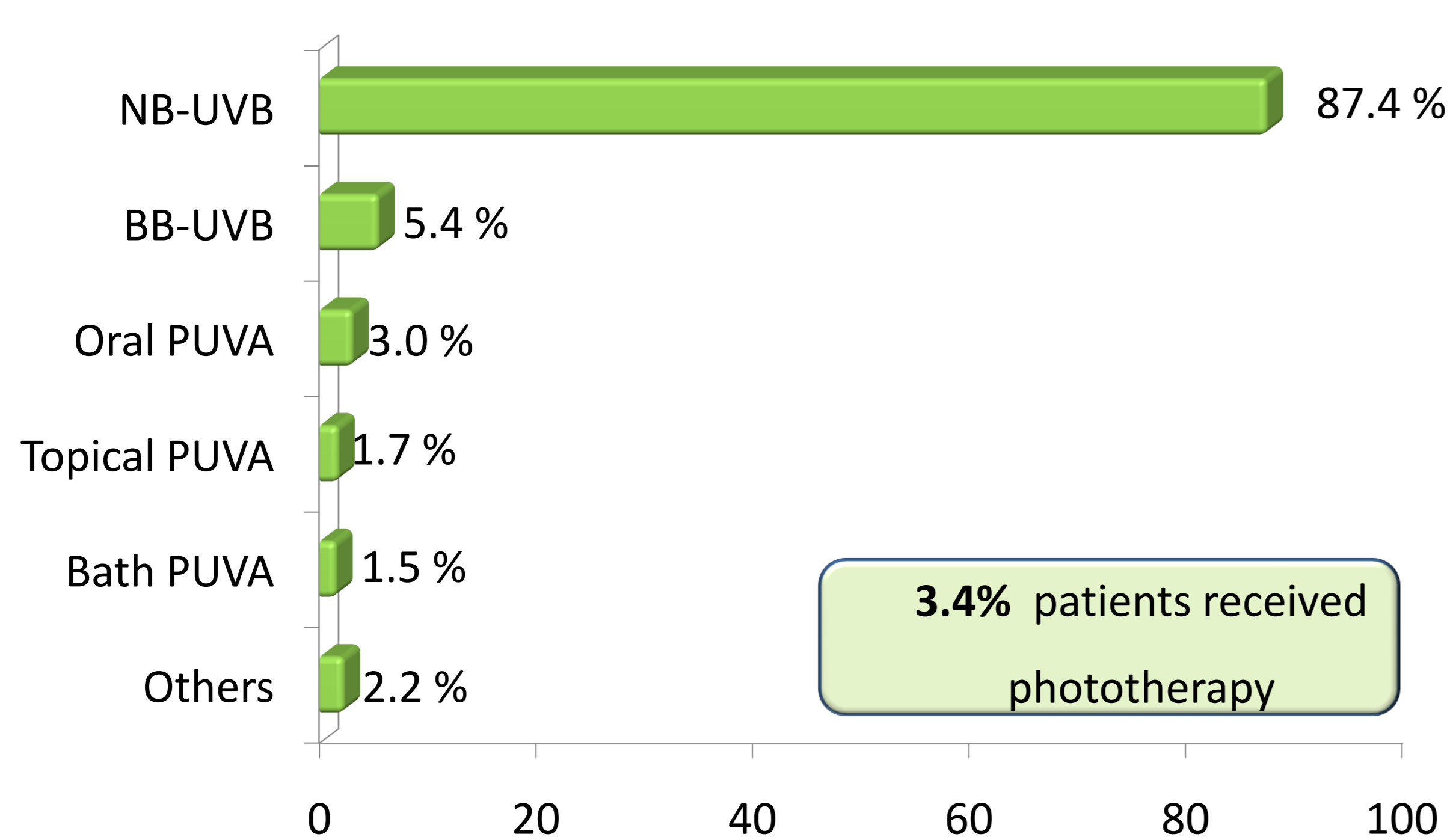


Figure 12 Phototherapy

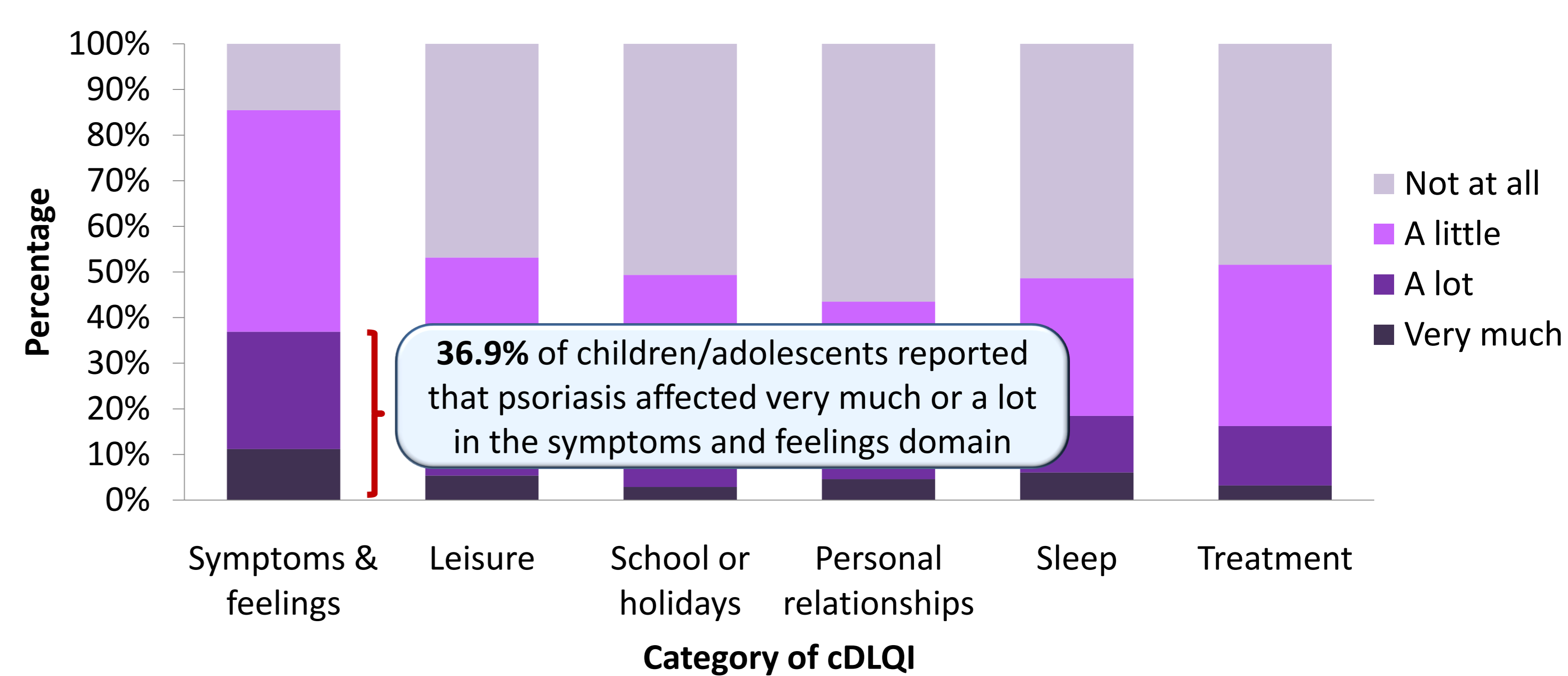


Figure 17 QoL impairment in patients with psoriasis based on category of cDLQI

ACKNOWLEDGEMENT

We would like to thank all doctors and allied health personnel from the participating centres. We also acknowledge the support of Clinical Research Centre, Ministry of Health Malaysia and Dermatological Society of Malaysia.