

Supplementary files

Supplementary table 1. Distribution of the indicated comorbidities among patients using healthcare related to a primary atopic dermatitis diagnosis according to an ICD-10 chapter by year

ICD-10 chapter	2015		2016		2017		2018		2019	
	n	%*	n	%*	n	%*	n	%*	n	%*
I-Certain infectious and parasitic diseases	4,294	1.3	3,241	1.5	4,776	2.1	5,056	2.0	4,541	1.5
II-Neoplasms	174	0.1	200	0.1	607	0.3	641	0.3	319	0.1
III-Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	309	0.1	279	0.1	469	0.2	392	0.2	300	0.1
IV-Endocrine, nutritional, and metabolic diseases	1,732	0.5	1,608	0.8	2,419	1.1	3,180	1.3	2,179	0.7
V-Mental and behavioral disorders	335	0.1	374	0.2	569	0.3	610	0.2	554	0.2
VI-Diseases of the nervous system	272	0.1	345	0.2	374	0.2	456	0.2	402	0.1
VII-Diseases of the eye and adnexa	1,208	0.4	1,023	0.5	1,840	0.8	1,524	0.6	1,199	0.4
VIII-Diseases of the ear and mastoid process	389	0.1	478	0.2	486	0.2	532	0.2	479	0.2
IX-Diseases of the circulatory system	954	0.3	997	0.5	3,260	1.4	2,152	0.9	1,095	0.4
X-Diseases of the respiratory system	2,630	0.8	2,752	1.3	4,028	1.8	4,229	1.7	3,043	1.0
XI-Diseases of the digestive system	1,325	0.4	1,578	0.7	1,857	0.8	1,846	0.7	1,636	0.6
XII-Diseases of the skin and subcutaneous tissue	265,544	83.2	173,844	82.1	183,890	80.8	198,835	78.8	249,364	84.3
XIII-Diseases of the musculoskeletal system and connective tissue	1,794	0.6	1,862	0.9	2,127	0.9	2,239	0.9	1,884	0.6
XIV-Diseases of the genitourinary system	1,421	0.4	1,363	0.6	1,762	0.8	2,479	1.0	1,330	0.4
XVIII-Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	3,126	1.0	2,505	1.2	3,731	1.6	4,600	1.8	2,994	1.0
XXI-Factors influencing health status and contact with health services	43,327	13.6	27,857	13.2	31,752	14.0	38,088	15.1	35,877	12.1

* Proportion calculated with the number of patients with a secondary diagnosis of a specific chapter of the ICD-10 in a year over the number of patients with any given concomitant diagnosis in that year

Supplementary table 2. Number of patients with comorbidities receiving healthcare attention related to a primary atopic dermatitis diagnosis by year*

Age group (years)	2015	2016	2017	2018	2019
0-11	109,045	82,678	94,375	104,559	105,518
12-17	25,216	18,335	21,394	24,460	26,315
18-29	48,775	32,412	36,509	39,415	49,139
30-59	98,373	54,632	53,832	58,398	80,063
>60	37,729	23,752	21,407	25,412	34,674
Total	319,069	211,809	227,517	252,244	295,709

Supplementary table 3. Number of patients with a registered prescription of dupilumab and dupilumab syringes prescribed between 2015 and 2020 by the professional in charge of the prescription

Specialty	2019		2020	
	Patients	Prescribed syringes	Patients	Prescribed syringes
Dermatologist	363	5,811	614	11,870
Allergist	157	2,784	236	4,313
Primary physician	59	718	133	2,047
Pediatrician	16	392	18	399
Master's degree	12	127	17	321
Internal medicine physician	3	38	8	182
Family physician	-	-	4	44
Oncological dermatology	1	4	2	34
Other clinical specialties	2	30	-	-
PhD degree	-	-	1	22
Otology	1	16	-	-
Family and community health	1	8	-	-
Other multidisciplinary specialization	-	-	1	8
Total	569	9,928	928	19,240