

Appendix

Supplementary Materials

Supplementary Table 1. Distribution of sexes in the respective groups of disorders.

Type of disorder	Sex distribution		Total
	F n (%)	M n (%)	
S	11 (61.2)	7 (38.8)	18
S+C	7 (77.8)	2 (22.2)	9
T	92 (63.8)	52 (36.2)	144

S, somatoform disorders; S+C, somatoform and conversion disorders; T, tension headaches; F, female; M, male.

Supplementary Table 2. Number of respective groups of disorders depending on age.

Type of disorder	Age group number (%)				Total
	6 - 11 years	12 - 14 years	15 - 17 years	18 - 19 years	
S	4 (22.2)	5 (27.8)	6 (33.3)	3 (16.7)	18
S+C	1 (11.1)	2 (22.2)	5 (55.5)	1 (11.1)	9
T	42 (29.2)	30 (20.8)	35 (24.3)	37 (25.7)	144

S, somatoform disorders; S+C, somatoform and conversion disorders; T, tension headaches.

Supplementary Table 3. Symptoms accompanying headaches that occur in patients in the analyzed groups of disorders.

Symptoms accompanying headaches	S (n = 18)	S + C (n = 9)	T (n = 144)
Stomach aches	6	3	21
Dizziness	2	6	7
Joint/limb pains	7	4	10
Heart palpitations	5	3	8
Back aches	4	3	12
Diarrhoea/ constipation	2	1	4
Nausea / flatulence	1	-	-
Chest pain	5	3	1
Breathing disturbances	3	1	-
Balance disturbance	1	5	6
Fatigue	3	2	1
Sleeping disturbances	4	2	4
Syncope	3	7	8

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Supplementary Table 4. Percentage of patients in the respective groups of disorders depending on the duration of symptoms.

Type of disorder	Period of time needed for final diagnosis (in years)		
	< 24 months n (%)	24 – 30 months n (%)	>30 months n (%)
S	-	12 (66.7)	6 (33.3)
S+C	-	6 (66.7)	3 (33.3)
T	73 (50)	41 (28.3)	30 (20.7)

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Supplementary Table 5. Biological risk factors.

Biological risk factors	Group S	Group C+S	Group T
Abnormal body mass index	13 (72.2 %)	5 (48%)	46 (28 %)
underweight	11	2	37
overweight	2	1	9
histrionic features of the developing personality(>12 years)	11 (57.9%)	6 (66.6%)	31 (23 %)
coexistence of organic chronic disease	11 (79.6 %)	3 (33.3%)	34 (23.7%)
neurological diseases	1	1	7
other	10	2	27
bioelectric brain activity disorders	5 (37 %)	3 (33.3%)	15 (10.5%)
non-epileptic electroencephalography disturbances	4	3	10
interictal epileptic electroencephalography abnormalities	1	-	5
IQ below average	1	2	21
past head trauma with no symptoms of confusion	3	-	21
coexistence of psychiatric disorders	13 (68.4 %)	2 (22.2 %)	18 (12.2 %)
anxiety neurosis	8	-	7
emotional depression and anxiety disorders	3	-	2
emotional and anxiety disorders	2	1	5

high impulsivity	-	1	4
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Supplementary Table 6. Situational risk factors.

Situational factors	S (n=18)	C+S (n=9)	T (n=144)
Place of living			
city	15 (84.2%)	8 (87.5%)	121 (83.2%)
countryside	3 (15.8%)	1 (12.5%)	23 (16.8%)
Low socio-economic status (including both parents being unemployed)	10 (52.6%)	4 (50 %)	24 (16.3 %)
Dysfunctional family: incomplete or foster family, uneasy atmosphere at home, abnormal intra-familial relationships	14 (73.7 %)	6 (66.6%)	21 (14.2%)
Occurrence of chronic diseases within the child's immediate family:	9 (47.4%)	4 (50 %)	36 (25%)
psychiatric disorders	3	1	12
other	6	3	57
Learning difficulties	4 (21%)	2 (25%)	32 (21.7%)
Child's difficulties in adapting to his peers	2 (10.4%)	1 (12.5%)	23 (15.6%)

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