

## *Supplementary Table*

**Table S1 - Data collected in patient enrolment (questionnaire)**

Age Sex BMI
Medical comorbidities Neuropsychiatric comorbidities Previous laboratory tests* Previous imagine exams* Previous specialist visits* Previous hospitalizations* Previous diagnoses*
School <ul style="list-style-type: none"> <li>- Days of absence from the beginning of the school year</li> <li>- Type of school</li> <li>- School environment#</li> </ul> Group of schoolmates
Sport <ul style="list-style-type: none"> <li>- Sports activity</li> <li>- Pressure in sports</li> </ul> Sports interruption
Main symptoms at admission Use of walking aids Period of hospitalization Duration of hospitalization Laboratory tests performed during hospitalization Imaging tests performed during hospitalization Specialist visits performed during hospitalization Diagnosis at discharge Drugs at admission Drugs prescribed at discharge Psychiatric therapy prescribed at discharge Follow up

\* Concerning the same symptom, they were hospitalized at the Pediatric ward of the IRCCS Burlo Garofolo.

**Table S2 – Detailed comorbidities**

	Absenteeism N=35	Controls N=35
Comorbidities (n)	9	14
	2 Hashimoto's thyroiditis 2 Obstructive Sleep Apnea Syndrome 1 Obesity-associated chronic dermatitis 1 Dermatomyositis 1 Congenital renal pyelectasis 1 G6PDH deficiency associated with presence of cochlear implant 1 Polycystic ovarian syndrome	2 Asthma, 2 Ulcerative colitis 2 Diabetes type 1 1 Sclerosing cholangitis 1 Celiac disease 1 Achondroplasia associated with celiac disease 1 Scoliosis 1 Epilepsy 1 Turner syndrome associated with Hashimoto's thyroiditis 1 Blue rubber bleb nevus syndrome 1 Cystic fibrosis
Neuropsychiatric comorbidities (n)	13	5
	4 Depressive disorder 4 Anxiety disorder 2 Anxiety disorder associated with depressive disorder 1 Attention-Deficit/Hyperactivity Disorder (ADHD) associated with anxiety disorder 1 Social phobia 1 Post-traumatic stress disorder	2 Anxiety disorder 2 Autism spectrum disorder 1 Depressive disorder