

Supplementary Table S1. Distribution of final diagnoses among children presenting with musculoskeletal complaints, classified as rheumatic or non-rheumatic conditions based on pediatric rheumatologist evaluation

Rheumatic Disease	n (%)	Non- Rheumatic Disease	n (%)
Juvenile idiopathic arthritis	77 (28.2)	Vitamin D deficiency	31 (22.0)
Periodic fever syndromes		Growing pains	20 (14.2)
FMF	48 (17.6)	Overuse syndromes	15 (10.6)
PFAPA	22 (8.1)	Mechanical joint pain	13 (9.2)
CAPS	1 (0.4)	Infectious diseases	
Undefined recurrent fevers	1 (0.4)	Septic arthritis	8 (5.7)
Post-infectious arthritis		Osteomyelitis	3 (2.1)
Reactive arthritis	38 (13.9)	Parvovirus infection	2 (1.4)
Toxic synovitis	11 (4.0)	Brucella infection	2 (1.4)
Acute rheumatic fever	10 (3.7)	Cellulite	1 (0.7)
MISC	1 (0.4)	Trauma	8 (5.7)
Vasculitis		Hematological oncological problems	
IgA vasculitis (HSP)	43 (15.8)	ALL	4 (2.8)
Infantile hemorrhagic edema	2 (0.7)	Osteoid Osteoma	1 (0.7)
Behçet's disease	2 (0.7)	Osteochondroma	1 (0.7)
Polyarteritis nodosa	1 (0.4)	Non-ossifying fibroma	1 (0.7)
Takayasu arteritis	1 (0.4)	Urticaria – angioedema	5 (3.5)
Dermatological problems		Scoliosis	4 (2.8)
Psoriasis	5 (1.8)	Hypermobility	3 (2.1)
Generalized morphea	2 (0.7)	Pes planus	
Isolated uveitis	2 (0.7)	Sever's disease	3 (2.1)
Inflammatory bowel disease	1 (0.4)	Meniscus degeneration	2 (1.4)
Recurrent perichondritis	1 (0.4)	Patellar chondromalacia	2 (1.4)
Pain amplification syndrome		Alopecia capitis/totalis	1 (0.7)
Fibromyalgia	4 (1.5)	Gardner-Diamond syndrome	1 (0.7)
		Recurrent aphthous stomatitis	1 (0.7)
		Skeletal dysplasia	1 (0.7)
		Metabolic bone disease	1 (0.7)
		Sinus tarsi syndrome	1 (0.7)
		Patella fracture	1 (0.7)
		Increased thoracic kyphosis	1 (0.7)
Total	273 (100)		141 (100)

ALL, acute lymphoblastic leukemia; CAPS, cryopyrin-associated periodic syndromes; FMF, Familial Mediterranean fever; HSP, Henoch-Schönlein purpura; MISC, multisystem inflammatory syndrome in children; PFAPA, periodic fever aphthous pharyngitis and cervical adenopathy