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Supplementary Table 1: Additional patient characteristics by outcome

		All	Duration of Symptoms		p
		n (%)	<12 weeks n (%)	12+ weeks n (%)	
<i>N</i>		351	222	129	
Age at Symptom Presentation					0.013
	< 11	95 (27)	47 (21)	48 (37)	
	11	85 (24)	57 (26)	28 (22)	
	12	79 (23)	55 (25)	24 (19)	
	≥ 13	92 (26)	63 (28)	29 (22)	
Sex					0.64
	Female	139 (40)	90 (41)	49 (38)	
	Male	212 (60)	132 (59)	80 (62)	
Race/Ethnicity					0.24
	White	187 (61)	125 (65)	62 (53)	
	Black	75 (24)	44 (23)	31 (27)	
	Hispanic**	31 (10)	15 (8)	16 (14)	
	Asian	8 (3)	4 (2)	4 (3)	
	Other	6 (2)	3 (2)	3 (3)	
	Missing/Not Recorded /Declined	44	31	13	
BMI category					0.028
	Underweight /Normal (< 85 th percentile)	57 (17)	42 (20)	15 (12)	
	Overweight (86 th - 95 th percentile)	65 (19)	48 (22)	17 (14)	
	Obese (> 95 th percentile)	217 (64)	125 (58)	92 (74)	
	Missing	12	7	5	
Slip Severity Classification					<0.0001
	Mild	197 (62)	150 (75)	47 (41)	
	Moderate	81 (26)	47 (23)	34 (30)	
	Severe	38 (12)	4 (2)	34 (30)	
	Missing/Not Recorded	35	21	14	
Physician Specialty at Time of Presentation to Care					0.10
	Internal Medicine/Family Practitioner	7 (2)	2 (1)	5 (4)	
	Pediatrician	200 (58)	127 (58)	73 (59)	
	Emergency Department Physician	72 (21)	51 (23)	21 (17)	
	Orthopedic Surgeon	59 (17)	34 (16)	25 (20)	
	Sports Medicine Physician	4 (1)	4 (2)	0	
	Other	1 (0)	1 (0)	0	
	Missing/ Not Recorded	8	3	5	
Physician Specialty at Time of Diagnosis					0.01
	Internal Medicine/Family Practitioner	3 (1)	1 (0)	2 (2)	
	Pediatrician	105 (30)	73 (33)	32 (25)	
	Emergency Department Physician	73 (21)	55 (25)	18 (14)	
	Orthopedic Surgeon	157 (45)	83 (38)	74 (57)	

	All	Duration of Symptoms		p
	n (%)	<12 weeks n (%)	12+ weeks n (%)	
<i>Sports Medicine Physician</i>	7 (2)	5 (2)	2 (2)	
<i>Other</i>	4 (1)	3 (1)	1 (1)	
<i>Missing/Not Recorded</i>	2	2	0	
<i>Number of Interactions with Healthcare—Symptom onset to Diagnosis (diagnostic visit included)</i>				<0.0001
<i>1</i>	177 (52)	137 (63)	40 (33)	
<i>2</i>	124 (36)	70 (32)	54 (44)	
<i>≥ 3</i>	40 (12)	12 (5)	28 (23)	
<i>Missing</i>	10	3	7	

* Based on US percentiles

** Hispanic ethnicity was not reported independently from race in the medical record during the timeframe of this study

Supplementary Table 2. Sensitivity analysis - Logistic regression models adding race/ethnicity

	Primary Predictor							
	Insurance Status*		Family Structure†		SVI‡ (U.S.)		SVI‡ (Massachusetts)	
	Adjusted OR§	P Value	Adjusted OR§	P Value	Adjusted OR§	P Value	Adjusted OR§	P Value
Primary predictor	1.66 (1.00-2.76)	0.048	1.87 (1.03-3.39)	0.039	1.13 (0.59-2.17)	0.72	1.13 (0.58-2.19)	0.72
Race or ethnicity								
White	Reference		Reference		Reference		Reference	
Black	1.27 (0.68-2.38)	0.46	1.18 (0.62-2.25)	0.62	1.36 (0.71-2.62)	0.36	1.45 (0.75-2.81)	0.27
Hispanic‡	1.96 (0.85-4.54)	0.12	2.07 (0.90-4.73)	0.09	2.21 (0.93-5.24)	0.07	2.32 (0.98-5.50)	0.06
Asian/Other	2.43 (0.75-7.90)	0.14	2.53 (0.79-8.10)	0.12	2.39 (0.74-7.74)	0.15	2.49 (0.77-8.05)	0.13
Age at symptom presentation								
<11 years	Reference		Reference		Reference		Reference	
11 years	0.50 (0.26-0.97)	0.041	0.44 (0.23-0.87)	0.018	0.48 (0.25-0.92)	0.027	0.48 (0.25-0.92)	0.028
12 years	0.35 (0.17-0.73)	0.005	0.34 (0.16-0.70)	0.003	0.34 (0.17-0.70)	0.004	0.34 (0.16-0.69)	0.003
≥13 years	0.45 (0.21-0.94)	0.034	0.41 (0.19-0.86)	0.019	0.44 (0.21-0.92)	0.029	0.45 (0.21-0.94)	0.033
Sex								
Female	Reference		Reference		Reference		Reference	
Male	1.46 (0.83-2.56)	0.18	1.47 (0.84-2.57)	0.18	1.43 (0.82-2.50)	0.21	1.45 (0.83-2.54)	0.2
Weight Status								
Underweight or Normal (< 85 th percentile)	Reference		Reference		Reference		Reference	
Overweight (85 th to 94 th percentile)	0.85 (0.36-2.00)	0.72	0.89 (0.38-2.09)	0.79	0.85 (0.36-2.00)	0.71	0.85 (0.36-2.00)	0.71
Obese (≥95 th percentile)	1.43 (0.70-2.94)	0.33	1.43 (0.70-2.95)	0.33	1.44 (0.70-2.94)	0.32	1.40 (0.68-2.88)	0.36
Calendar year of symptom presentation								
2002-2009	1.63 (0.85-3.13)	0.14	1.48 (0.77-2.83)	0.24	1.44 (0.76-2.73)	0.26	1.42 (0.75-2.68)	0.28
2010-2015	1.52 (0.82-2.84)	0.18	1.43 (0.77-2.65)	0.25	1.44 (0.78-2.65)	0.25	1.40 (0.75-2.58)	0.29
2016-2021	Reference		Reference		Reference		Reference	
No. of siblings (excluding patient)								
0	Reference		Reference		Reference		Reference	
1	0.94 (0.39-2.26)	0.90	1.12 (0.46-2.72)	0.81	0.94 (0.40-2.23)	0.89	0.93 (0.39-2.22)	0.87
≥2	1.07 (0.44-2.58)	0.89	1.31 (0.53-3.22)	0.55	1.13 (0.47-2.70)	0.79	1.14 (0.48-2.74)	0.76
Physician specialty at time of symptom presentation								
Internal Medicine or Family Medicine or Pediatrician	Reference		Reference		Reference		Reference	
Emergency Department	0.63 (0.33-1.17)	0.14	0.64 (0.34-1.20)	0.16	0.67 (0.36-1.25)	0.21	0.67 (0.36-1.25)	0.21
Orthopaedic Surgeon	1.27 (0.67-2.42)	0.46	1.23 (0.65-2.33)	0.52	1.21 (0.64-2.29)	0.56	1.21 (0.64-2.28)	0.56

*Reference: private insurance. †Reference: multiguardian households. ‡Reference: <75th percentile. §The values are given as the adjusted OR, with the 95% CI in parentheses