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Appendix 1. Association between PROMIS SF and PROMIS CAT Parent Proxy							
	Anxiety	Depression	Fatigue	Pain Interference	Peer Relations	Mobility	Upper Extremity
r (p)	0.55 (<0.01)	0.64 (<0.01)	0.72 (<0.01)	0.74 (<0.01)	0.97 (<0.01)	0.91 (<0.01)	0.98 (<0.01)

Appendix 2. Association between PODCI Parent and Patient-Reported Outcomes [r, (p)]						
	Happiness	Pain/Comfort scale	Sports& Physical	Transfer& Basic Mobility	Global Functioning	Upper Extremity
PODCI	0.39 (0.05)	0.63 (<0.01)	0.45 (0.02)	0.16 (0.45)	0.56 (<0.01)	0.38 (0.05)

Appendix 3. Association between PROMIS Parent and Patient-Reported Outcomes [r, (p)]							
	Anxiety	Depression	Fatigue	Peer Relations	Pain/Comfort	Mobility	Upper Extremity
PROMIS SF	0.40 (<0.01)	0.42 (<0.01)	0.33 (0.09)	0.52 (<0.01)	0.33 (0.03)	0.46 (<0.01)	0.26 (0.05)
PROMIS CAT	0.52 (<0.01)	0.46 (<0.01)	0.53 (<0.01)	0.38 (<0.01)	0.29 (0.06)	0.50 (<0.01)	0.17 (0.20)

Appendix 4. Association between PODCI Parent Proxy Completed and PROMIS SF Parent Proxy Completed scores adjusted for repeated measures per subject							
	PROMIS SF Parent: Coefficient of determination (CI) p						
PODCI Parent proxy Variable (n)	Anxiety	Depression	Fatigue	Peer Relations	Pain Interference	Mobility	Upper Extremity
Happiness (50)	-0.9090 (-1.6340, -0.1840) 0.0140	-1.6089 (-2.2570 - 0.9607) <.0001	-1.2346 (-1.8045, -0.6646) <.0001	1.0461 (0.4148, 1.6775) 0.0012	-0.8032 (-1.5731, -0.0333) 0.0409	1.1071 0.2767, 1.9374) 0.0090	0.4645 (-0.2596, 1.1886) 0.2086
Pain/Comfort scale (50)	-0.6830 (-1.1461, -0.2198) 0.0038	-0.5665 (-1.0563, -0.0768) 0.0234	-0.6554 (-1.0411, -0.2698) 0.0009	0.4188 (-0.0115, 0.8491) 0.0565	-1.2940 (-1.6726, -0.9155) <.0001	0.7034 (0.1679, 1.2389) 0.0100	0.0115 (-0.4616, 0.4845) 0.9621
Sports& Physical (50)	-0.3905 (-0.7181, -0.0629) 0.0195	-0.3807 (-0.7193, -0.0421) 0.0275	-0.3480 (-0.6257, -0.0703) 0.0140	0.5042 (0.2304, 0.7779) 0.0003	-0.2890 (-0.6395, 0.0616) 0.1062	0.9893 (0.7077, 1.2708) <.0001	0.5672 (0.2814, 0.8530) 0.0001
Transfer& basic mobility (50)	0.0044 (-0.1095, 0.1184) 0.9392	0.0025 (-0.1146, 0.1197) 0.9661	0.0167 (-0.0803, 0.1137) 0.7361	0.0299 (-0.0713, 0.1311) 0.5623	0.0583 (-0.0594, 0.1760) 0.3315	0.1440 (0.0205, 0.2676) 0.0223	0.2279 (0.1406, 0.3152) <.0001
Global functioning (50)	-0.3150 (-0.5651, -0.0649) -0.0649	-0.2925 (-0.5525, -0.0326) 0.0274	-0.2660 (-0.4793, -0.0527) 0.0145	0.3652 (0.1520, 0.5783) 0.0008	-0.3890 (-0.6432, -0.1349) 0.0027	0.7269 (0.5023, 0.9515) <.0001	0.5610 (0.3647, 0.7573) <.0001
Upper Extremity (50)	-0.2136 (-0.7710, 0.3439) 0.4527	-0.2309 (-0.8036, 0.3418) 0.4294	-0.0806 (-0.5576, 0.3965) 0.7407	0.4891 (0.0085, 0.9697) 0.0461	-0.0309 (-0.6151, 0.5533) 0.9175	1.0491 (0.4806, 1.6176) 0.0003	1.4322 (1.0810, 1.7833) <.0001

Appendix 5. Association between PODCI Parent Proxy Completed and PROMIS CAT Parent Proxy Completed scores adjusted for repeated measures per subject							
	PROMIS CAT Parent: Coefficient of determination (CI) p						
PODCI Parent proxy Variable (n)	Anxiety	Depression	Fatigue	Peer Relations	Pain Interference	Mobility	Upper Extremity
Happiness (50)	-1.2714 (-1.7729 - 0.7699) <.0001	-1.2543 (-1.8564 - 0.6522) <.0001	-1.1384 (-1.6766 - 0.6002) <.0001	0.7424 (0.0035 - 1.4813) 0.0489	-1.0011 (-1.7418 - 0.2605) 0.0081	1.1181 (0.1790 - 2.0572) 0.0196	0.6857 (-0.0894 - 1.4609) 0.0829
Pain/Comfort scale (50)	-0.5009 (-0.8766, -0.1253) 0.0090	-0.5549 (-0.9819, -0.1279) 0.0109	-0.5435 (-0.9213, -0.1657) 0.0048	0.3256 (-0.1575 - 0.8087) 0.1865	-1.1345 (1.5443 - 0.7247) <.0001	0.6928 (0.0858, 1.2999) 0.0253	0.1878 (-0.3170, 0.6927) 0.4659
Sports& Physical (50)	-0.4137 (-0.6649, -0.1625) 0.0012	-0.3478 (-0.6455, -0.0500) 0.0221	-0.2409 (-0.5133, 0.0315) 0.0830	0.3781 (0.0558, 0.7004) 0.0215	-0.2824 (-0.6298, 0.0651) 0.1112	1.0741 (0.7515, 1.3968) <.0001	0.6003 (0.2924, 0.9082) 0.0001
Transfer& basic mobility (50)	-0.0247 (-0.1157, 0.0663) 0.5947	0.0441 (-0.0586, 0.1468) 0.4000	0.0902 (0.0010, 0.1794) 0.0476	0.0015 (-0.1104, 0.1135) 0.9788	0.0010 (-0.1167, 0.1186) 0.9869	0.1754 (0.0388, 0.3121) 0.0119	0.2023 (0.1012, 0.3034) <.0001
Global functioning (50)	-0.2975 (-0.4929, -0.1022) 0.0028	-0.2237 (-0.4558, 0.0085) 0.0590	-0.1111 (-0.3242, 0.1019) 0.3066	0.2710 (0.0219, 0.5201) 0.033	-0.4059 (-0.6551, -0.1566) 0.0014	0.8020 (0.5486, 1.0554) 0.0001	0.5715 (0.3545, 0.7885) <.0001
Upper Extremity (50)	-0.2684 (-0.7109, 0.1741) 0.2345	-0.0414 (-0.5498, 0.4670) 0.8732	0.2406 (-0.2102, 0.6914) 0.2955	0.3595 (-0.1820, 0.9011) 0.1932	-0.2028 (-0.7787, 0.3732) 0.4902	1.2187 (0.5904, 1.8470) 0.0001	1.2925 (0.8508, 1.7341) <.0001

Appendix 6. Physical Function Scores Measures of Association with PODCI and PROMIS Parent Completed Upper Extremity Scores.			
Coefficient (CI) p-value			
Variable	Mallet	TTS	AMS
PODCI Parent Completed Upper Extremity	-0.4847 (-1.9076, 0.9381) 0.5043	1.0992 (-1.3443, 3.5426) 0.3780	0.0567 (-0.2586, 0.3720) 0.7245
PROMIS SF Parent Completed Upper Extremity	0.3701 (-0.4679, 1.2080) 0.3867	1.0648 (-0.0879, 2.2176) 0.0702	0.1133 (-0.0759, 0.3026) 0.2406
PROMIS CAT Parent Completed Upper Extremity	0.7632 (0.2047, 1.3216) 0.0074	1.3563 (0.4668, 2.2458) (0.0028)	0.1839 (0.0727, 0.2951) 0.0012