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SUPPLEMENTARY MATERIAL

Growing pains in Danish preschool children. A descriptive study.

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Supplementary Table S1: Description of variables

VARIABLE	DATA SOURCE	DESCRIPTION	PRESENTATION
Background variables			
Baseline age - Age at the day of physical baseline test	Personal identity number	Date of test minus date of birth (embedded in the number)	Age in months
Sex	Personal identity number	Embedded in the number	Male/female
Family constellation	Baseline questionnaire	Categorical	Lives with: 1. Both parents 2. Mother 3. Mother and new partner 4. Father 5. Father and new partner 6. Other
Education - Maternal and paternal education level	Baseline questionnaire	The highest parental ongoing or completed education	1. Primary and lower secondary school (ISCED 1-2) 2. Upper secondary and vocational education (ISCED 3-4) 3. Academic education (ISCED 5-6, short cycle tertiary education and bachelor) 4. High academic (ISCED 7-8, master or doctoral)
Number of cohabiting siblings	Baseline questionnaire	Number of children living in the household	Number
Equivalized disposable income	Baseline questionnaire	Baseline gross family income divided by an equivalence factor corresponding to the modified OECD scale, based on family composition	Increments of DKK 100,000
Rapid growth	Physical test, anthropometry from baseline and at 6 months follow-up test	<i>Absolute growth:</i> Height at 6 months follow up minus height from baseline. <i>Relative growth:</i> absolute growth divided by height at baseline.	$\geq 1SD$ above average of absolute growth: yes/no $\geq 1SD$ above average of relative growth: yes/no
Growing pains			
Pain localization	Telephone interviews.	Categorical - reported pain in upper	Number and % - Shoulder

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	September 2016 – July 2019	extremities and/or lower extremities and combinations of pain sites in upper or lower extremity	- upper arm - elbow - lower arm - wrist - hand - hip - thigh - knee - shin/calve - ankle - foot - diffuse pain - combinations of pain sites in OE or UE
Frequency	Telephone interviews. September 2016 – July 2019	Categorical	Number and % 1. Daily 2. 4-7 times/week 3. 1-3 times/week 4. 2-3 times/week 5. Less often - Missing
Diurnal fluctuations	Telephone interviews. September 2016 – July 2019	Categorical and combinations	Number and % who reported pain in morning, day, late afternoon/evening, night, or a combination: - day + evening - day + night - evening + night.
Consequences	Telephone interviews. September 2016 – July 2019	Categorical	Number and % - Reduces activity, slow down - Avoidance of specific activities/movements - Disturbed sleep - None - Other

Supplementary Table S2. Distribution of pain sites in the lower extremity in children with growing pains or possible growing pains

Pain site	GP group - 185 children		OBS-GP group - 148 children	
	n	% (CI 95%)	n	% (CI 95%)
Total lower extremity complaints	245		198	
<i>Unilateral</i>	50	20,41	65	32,83
<i>Bilateral</i>	195	79,59	133	67,17
Hip	5	2.7 (1.1-6.4)	4	2.7 (1.0-7.0)
<i>Unilateral</i>	1	0.5 (0.1-3.8)	2	1.4 (0.3-5.3)
<i>Bilateral</i>	4	2.2 (0.8-5.7)	2	1.4 (0.3-5.3)
Thigh	19	10.3 (6.6-15.6)	24	16.2 (11.1-23.1)
<i>Unilateral</i>	5	2.7 (1.1-6.4)	6	4.1 (1.8-8.8)
<i>Bilateral</i>	14	7.6 (4.5-12.4)	18	12.2 (7.8-18.5)
Knee	61	33.0 (26.5-40.1)	58	39.2 (31.6-47.3)
<i>Unilateral</i>	11	5.9 (3.3-10.5)	25	16.9 (11.6-23.9)
<i>Bilateral</i>	50	27.0 (21.1-33.9)	33	22.3 (16.3-29.8)
Shin/calf	60	32.4 (26.0-39.6)	45	30.4 (23.5-38.3)
<i>Unilateral</i>	14	7.6 (4.5-12.4)	9	6.1 (3.2-11.3)
<i>Bilateral</i>	46	24.9 (19.1-31.6)	36	24.3 (18.0-31.9)
Ankle	19	10.3 (6.6-15.6)	13	8.8 (5.1-14.6)
<i>Unilateral</i>	1	0.5 (0.8-3.8)	3	2.0 (0.6-6.1)
<i>Bilateral</i>	18	9.7 (6.2-15.0)	10	6.8 (3.7-12.2)
Foot	17	9.2 (5.8-14.3)	13	8.8 (5.1-14.6)
<i>Unilateral</i>	4	2.2 (0.8-5.7)	7	4.7 (2.3-9.6)
<i>Bilateral</i>	13	7.0 (4.1-11.8)	6	4.1 (1.8-8.8)
Diffuse pain UE	64	34.6 (28.1-41.8)	41	27.7 (21.0-35.5)
<i>Diffuse unilateral pain UE</i>	14	7.6 (4.5-12.4)	13	8.8 (5.1-14.6)
<i>Diffuse bilateral pain UE</i>	50	27.0 (21.1-33.9)	28	18.9 (13.4-26.1)
Combinations - amount of locations				
1	136	73.9 (67.0-79.8)	104	71.7 (63.8-78.5)
2	38	20.7 (15.4-27.2)	30	20.7 (14.8-28.1)
>2	10	5.4 (2.9-9.8)	11	7.6 (4.2-13.2)