

Online table 1.Socio-demographic characteristics of cases, community controls and hospital controls

Characteristics	Cases n=567	Community controls n=2320	Hospital controls n=2253
Study centre			
Nottingham	193 (34.0)	738 (31.8)	842 (37.4)
Bristol	179 (31.6)	794 (34.2)	699(31.0)
Norwich	106 (18.7)	467 (20.1)	435(19.3)
Newcastle	89 (15.7)	321 (13.8)	277(12.3)
Median age in years (IQR)*	2.18 (1.49, 2.92)	2.24 (1.54, 3.02)	1.82 (1.15,2.85)
Age group:			
0-12 months	65 (11.5)	204 (8.8)	517 (23.0)
13-36 months	378 (66.7)	1575 (67.9)	1253(55.6)
37-62 months	124 (21.9)	541 (23.3)	483(21.4)
Male	280 (49.4)	1210 (52.2)	1240 (55.0)
Ethnic origin: white	514 (92.1) [9]	2115 (92.6) [36]	1954(88.7)[50]
Children aged 0-4 years in family	[11]	[29]	[32]
0	6 (1.1)	16 (0.7)	25(1.1)
1	299 (53.7)	1379 (60.2)	1362(61.3)
2	229 (41.2)	810 (35.4)	735(33.1)
≥3	22 (4.0)	86 (3.8)	99(4.5)
First child	210 (41.7) [64]	895 (42.7) [222]	934(44.6) [158]
Maternal age ≤ 19 at birth of first child**	84 (16.5) [8]	208 (9.7) [14]	312 (15.5) [24]
Single adult household	92 (16.6) [13]	262 (11.5) [43]	318(14.5)[52]
Median weekly hours out-of-home	12 (0.5, 22.0)	15 (2.5, 24.0)	9 (0, 20) [170]
Adults in paid work	[11]	[35]	[51]
≥ 2	263 (47.3)	1281 (56.1)	1047(47.6)
1	184 (33.1)	742 (32.5)	781(35.5)
0	109 (19.6)	262 (11.5)	374(17.0)
Receives state benefits	228 (41.7) [20]	795 (35.1) [54]	951(43.5)[65]
Overcrowding (>1 person per room)	46 (8.8) [42]	163 (7.4) [128]	213 (10.1) [137]
Non-owner occupier	241 (43.5) [13]	771 (33.8) [41]	928(42.0) [44]
Household has no car	81 (14.6) [11]	219 (9.6) [28]	319 (14.4) [34]
Median IMD score (IQR)	17.5 (10.3, 31.7)	15.1 (9.3, 26.5)	18.2(9.9;33.3)[1]
Median distance (km) from hospital	3.5 (2.2, 5.9)	4.0 (2.4, 7.6) [24 ]	3.4 (2.0,5.6)
Mean CBQ score (SD)	4.75 (0.91) [24]	4.61 (0.86) [186]	4.6 (0.95)
Long term health condition	53 (9.4) [5]	187 (8.1) [21]	204 (9.2) [32]
Child health visual analogue scale (range 0-10) (median (IQR))	9.8 (8.8, 10) [2]	9.6 (8.4, 10) [14]	9.9 (9.2, 10) [26]
Median health related quality of life (PEDSQL) † (IQR)***	n=326 [3] 91.7 (85.7, 97.2)	n=1354 [24] 89.3 (82.1, 95.2)	n=995 [26] 92.9(86.1,97.6)
Parental assessment of child's ability to access poisons	[21]	[96]	[111]
All scenarios 'not likely'	22 (4.0)	112 (5.0)	253 (11.8)
≥1 scenario 'quite likely' and none 'very likely'	100 (18.3)	513 (23.1)	552 (25.8)
	424 (77.7)	1599 (71.9)	1337 (62.4)

Characteristics	Cases n=567	Community controls n=2320	Hospital controls n=2253
≥ 1 scenario 'very likely'			
Median parenting daily hassles tasks subscale ((IQR))****	14.0 (10.3,18.0) [50]	14.0 (11.0,18.0) [113]	13 (10.0; 17.0) [233]
Mean hospital anxiety and depression scale (SD)****	10.9 (6.1) [15]	10.8 (6.2) [25]	10.6(6.1) [49]

(percentage, unless stated otherwise) [missing values]. Percentages may add up to more than 100 due to rounding. \* For cases and controls aged over five years, the case poisoning occurred prior to 5th birthday but study questionnaire was completed after 5th birthday. \*\*only applicable where mothers completed questionnaire. \*\*\* missing values refer to those with ≥ 50% items on any scale missing. \*\*\*\* missing values refer to those with more than one item missing. IMD: higher score indicates greater deprivation. CBQ: higher score indicates more active and more intense behaviour. PDH: higher score indicates more hassle. HADS: higher score indicates greater symptoms of anxiety/depression. Child health visual analogue scale: higher score indicates better health. PedsQL: higher score indicates better quality of life.

Online table 2. Frequency of exposures amongst cases, community and hospital controls and unadjusted odds ratios.

<b>Exposures</b>	<b>Cases n=567</b>	<b>Community controls n=2320</b>	<b>Hospital controls n=2253</b>	<b>Community controls Unadjusted OR (95% CI)</b>	<b>Hospital controls Unadjusted OR (95% CI)</b>
<i>Medicines</i>					
Did not have CRCs or blister packs on all *	102(18.2) [6]	321 (13.9) [8]	207(9.3) [26]	1.39 (1.09,1.78)	2.17 (1.68,2.81)
Did not have all in locked medicines box*	447(79.5) [5]	1914 (82.8) [9]	1561(70.2) [30]	0.84 (0.66,1.06)	1.65 (1.32,2.06)
Not all were locked away* †	454 (83.6) [24] ((0))	1897(85.4) [92] ((6))	1582(76.3) [164] ((15))	0.87 (0.67,1.14)	1.59 (1.24,2.03)
Not all were stored at adult level or above*†	189 (40.7) [101] ((2))	612 (30.8) [324] ((10))	478 (25.7) [372] ((22))	1.68 (1.35,2.09)	1.99 (1.61,2.46)
Not all stored safely *	165 (34.4) [87]	506 (24.9) [287]	360 (18.6) [315]	1.73 (1.38,2.17)	2.30 (1.84,2.86)
Any transferred into a different container *	28 (5.0) [6]	104 (4.5) [10]	93(4.2) [26]	1.15 (0.74,1.77)	1.21 (0.78,1.86)
Did not put all away immediately after use **†	213 (38.7) [16] ((40))	522 (23.1) [57] ((274))	455(21.1) [96] ((289))	2.00 (1.62,2.45)	2.22 (1.81,2.73)
Not taught child rules about medicines	239 (44.0) [24]	1138 (50.7) [74]	1246(58.1) [110]	0.73 (0.58, 0.93)	0.57 (0.47, 0.68)
<i>Household products</i>					
Did not have CRCs for all products*	154 (27.6) [8]	686 (29.8) [14]	465 (20.9) [26]	0.90 (0.73,1.11)	1.44 (1.17,1.78)
Not all products were locked away* †	353 (69.4) [54] ((4))	1590 (72.1) [106] ((10))	1425(68.7) [160] ((19))	0.85 (0.68,1.05)	1.03 (0.84,1.27)
Not all products were stored at adult level or above*†	409 (83.5) [73] ((4))	1823 (86) [191] ((10 ))	1507(78.0) [303] ((19 ))	0.84 (0.64,1.12)	1.42 (1.09,1.85)
Not all products stored safely *	239 (49.9) [88]	1138 (54.6) [234]	891 (46.0) [317]	0.82 (0.67,1.01)	1.17 (0.96,1.43)

Any products transferred into different container *	17 (3.0) [5]	38 (1.7) [10]	40 (1.8) [27]	1.74 (0.97,3.12)	1.70 (0.96,3.03)
Did not put all products away immediately after use **†	131 (24.4) [30] ((14))	378 (16.8) [74] ((34))	372(17.8) [159] ((87))	1.62 (1.28,2.05)	1.47 (1.17,1.84)
Not taught child rules about products	194 (36.1) [30]	899 (40.0) [72]	1082(50.3) [100]	0.88 (0.70, 1.10)	0.56 (0.46,0.68)
<i>Other exposures</i>					
Did not use safety gate to stop child accessing kitchen*	411 (73.3) [6]	1735 (75.1) [10]	1597(71.9) [33]	0.91 (0.73,1.13)	1.07 (0.87,1.32)
Has things child could climb on to reach high surfaces*	281 (50.0) [5]	1056 (45.7) [8]	796 (35.8) [29]	1.18 (0.96,1.44)	1.79 (1.49,2.16)
<b>Exposures measured only in children aged 0-36 months</b>	<b>Cases n=443</b>	<b>Community controls n=1779</b>	<b>Hospital controls n=1770</b>	<b>Community controls Unadjusted OR (95% CI)</b>	<b>Hospital controls Unadjusted OR (95% CI)</b>
Used baby walker *	103 (24.3) [19]	539 (30.6) [15]	472 (27.3) [43]	0.76 (0.59,0.98)	0.85 (0.67,1.09)

[missing values]. ((not applicable responses)). Percentages may not add up to 100 due to rounding. \* in the last 24 hours \*\* in the last week †excludes not applicable responses

Online table 3. Adjusted odds ratios comparing cases with community and hospital controls

<b>Exposures</b>	<b>Community controls Adjusted<sup>f</sup> OR (95% CI)</b>	<b>Hospital controls Adjusted<sup>f</sup> OR (95% CI)</b>
<i>Medicines</i>		
Did not have CRCs or blister packs on all *	1.25 (0.95,1.65)	2.31 (1.74,3.07)
Did not have all in locked medicines box*	0.82 (0.47,1.43)	1.30 (0.83,2.04)
Not all were locked away*	0.91 (0.64,1.31)	1.43 (1.04,1.98)
Not all were stored at adult level or above*	1.59 (1.21, 2.09)	1.95 (1.51,2.51)
Not all stored safely	1.83 (1.38, 2.42)	2.28 (1.75,2.97)
Any transferred into a different container *	0.96 (0.52,1.76)	0.96 (0.54,1.73)
Did not put all away immediately after use **	2.11 (1.54, 2.90)	2.22 (1.68,2.93)
Not taught child rules about medicines	0.66 (0.45, 0.96)	0.54 (0.40, 0.73)
<i>Household products</i>		
Did not have CRCs for all products*	0.87 (0.69,1.10)	1.44 (1.14,1.81)
Not all products were locked away*	0.90 (0.69,1.17)	1.07(0.83,1.37)
Not all products were stored at adult level or above*	0.95 (0.67,1.35)	1.34 (0.97,1.85)
Not all products stored safely *	0.77 (0.59, 0.99)	1.16 (0.92,1.48)
Any products transferred into a different container *	1.20 (0.54, 2.65)	1.82 (0.84,3.93)
Did not put all products away immediately after use **	1.79 (1.29, 2.48)	1.56 (1.16,2.09)
Not taught child rules about products	0.81 (0.59, 1.12)	0.63 (0.47, 0.83)
<i>Other exposures</i>		
Did not use safety gate to stop child access the kitchen*	1.05 (0.80,1.37)	1.08 (0.84,1.39)
Has things child could climb on to reach high surfaces*	1.20 (0.93,1.54)	1.47 (1.16,1.87)
<b>Exposures measured only in children aged 0-36 months</b>	<b>Community controls Adjusted<sup>f</sup> OR (95% CI)</b>	<b>Hospital controls Adjusted<sup>f</sup> OR (95% CI)</b>
Used baby walker *	0.82 (0.61,1.10)	0.98(0.74,1.30)

\* in the last 24 hours \*\* in the last week. <sup>f</sup> adjusted for confounders as in table 3 in main paper