

Fig. S1. Difference in newly developed melanocytic naevi (MN) between interventional and control groups in relation to eye colour (Forest plot).

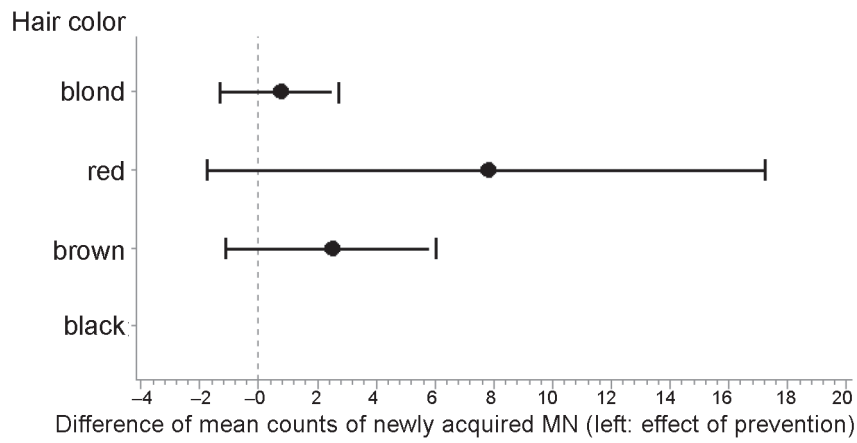


Fig. S2. Difference in newly developed melanocytic naevi (MN) between interventional and control groups in relation to hair colour (Forest plot).

Table SI. Regional melanocytic naevi (MN) distribution at T1

Localization	Intervention n (%)	Control n (%)	Total n (%)
Missing data	12 (1.1)	12 (1.0)	24 (1.0)
Head excluding face	7 (0.6)	16 (1.3)	23 (1.0)
Face including ears	194 (17.2)	189 (15.1)	383 (16.1)
Neck, ventral	47 (4.2)	56 (4.5)	103 (4.3)
Neck, dorsal	48 (4.3)	62 (5.0)	110 (4.6)
Trunk, ventral	103 (9.1)	86 (6.9)	189 (8.0)
Trunk, dorsal	130 (11.5)	127 (10.2)	257 (10.8)
Upper arm, anterior	57 (5.1)	51 (4.1)	108 (4.5)
Upper arm, posterior	41 (3.6)	49 (3.9)	90 (3.8)
Lower arm, anterior	62 (5.5)	67 (5.4)	129 (5.4)
Lower with elbow, posterior	98 (8.7)	114 (9.1)	212 (8.9)
Thigh, anterior	96 (8.5)	124 (9.9)	220 (9.3)
Thigh, posterior	20 (1.8)	30 (2.4)	50 (2.1)
Lower leg with knee, anterior	83 (7.4)	102 (8.2)	185 (7.8)
Lower leg, posterior	36 (3.2)	46 (3.7)	82 (3.5)
Palms	8 (0.7)	16 (1.3)	24 (1.0)
Back of hands	74 (6.6)	72 (5.8)	146 (6.1)
Dorsum of the feet	9 (0.8)	26 (2.1)	35 (1.5)
Plantar	1 (0.1)	4 (0.3)	5 (0.2)
Total	1,114 (46.9)	1,237 (52.1)	2,375

$p = 0.116$ (χ^2 test).

Table SII. Localization of newly acquired melanocytic naevi (MN)

Localization	Intervention n (%)	Control n (%)	Total n (%)
Scalp	18 (0.8)	22 (1.0)	40 (0.9)
Face and ears	285 (12.4)	319 (14.5)	604 (13.4)
Neck, ventral	83 (3.6)	83 (3.8)	166 (3.7)
Neck, dorsal	138 (6.0)	137 (6.2)	275 (6.1)
Trunk, ventral	175 (7.6)	155 (7.0)	330 (7.3)
Trunk, dorsal	315 (13.7)	294 (13.4)	609 (13.5)
Upper arm, anterior	130 (5.7)	122 (5.5)	252 (5.6)
Upper arm, posterior	225 (9.8)	199 (9.0)	424 (9.4)
Lower arm, anterior	101 (4.4)	83 (3.8)	184 (4.1)
Lower arm with elbow, posterior	249 (10.8)	247 (11.2)	496 (11.0)
Thigh, anterior	167 (7.3)	154 (7.0)	321 (7.1)
Thigh, posterior	69 (3.0)	48 (2.2)	117 (2.6)
Lower legs with knee, anterior	126 (5.5)	120 (5.4)	246 (5.5)
Lower legs, posterior	71 (3.1)	83 (3.8)	154 (3.4)
Palmar	11 (0.5)	7 (0.3)	18 (0.4)
Back of the hands	101 (4.4)	88 (4.0)	189 (4.2)
Dorsum of the feet	27 (1.2)	34 (1.5)	61 (1.4)
Plantar	5 (0.2)	6 (0.3)	11 (0.2)
Total	2,296 (51.0)	2,202 (49.0)	4,498

$p=0.66$ (χ^2 test).

Table SIII. Melanocytic naevi (MN) counts or MN density among Caucasian children

Reference	Children, <i>n</i>	Age, years	Country	MN counts (mean)
Gallagher, et al. 1990 (50)	913	6–18	Canada	8.8 (6–7 years); 18 (16–18 years)
Pope, et al. 1992 (44)	1,953	4–11	UK	23.5
Green, et al. 1995 (45)	102	11–14	Australia	116.6
Luther, et al. 199 (64)	357	1–6	Germany	9 vs. 40 (5 years later)
Autier, et al. 1998 (20)	631	6–7	Europe	6
Enta & Kwan 1998 (51)	332	5–15	Canada*	2.34
Graham, et al. 1999 (5)	447	7	UK	28
Harrison, et al. 2000 (52)	115	0–3	Australia	1 (1 st year)–6 (3 rd year)
	157	0–3	UK	0 (1 st year)–2 (3 rd year)
Azizi, et al. 2000 (24)	974	7–12	Israel	22–25 (7 years); 47–48 (12 years)
Gallagher, et al. 2000 (21)	458	6–10	Canada	41 (6–7 years); 68 (9–10 years)
Dulon, et al. 2002 (53)	11,478	5–6	Germany	11
Darlington, et al. 2002 (54)	111	12–13	Australia	130 (1990); 215 (1999)
Carli, et al. 2002 (55)	3,160	13–14	Italy	11
Wiecker, et al. 2003 (2)	1,812	3–7	Germany	3 (3 years)–19 (7 years)
Synnerstad, et al. 2004 (56)	524	8–9	Sweden	8
Valiukeviciene, et al. 2005 (35)	484	1–15	Lithuania	15
Gefeller, et al. 2007 (17)	1,898	6–7	Germany	3.09–4.7
Rodvall, et al. 2007 (36)	1,360	7	Sweden	5.6–10.4
Harrison, et al. 2008 (7)	479	1–6	Australia	9 (1 year); 12 (6 years)
Aguilera, et al. 2009 (34)	180	1–15	Spain	17.5
Pettijohn, et al. 2009 (18)	681	7	USA	20.7 (<2 mm); 66.5 (≥2 mm)
Oliveria, et al. 2009 (16)	443	11	USA	8.4 (back only)
Crane, et al. 2009 (57)	870	3–8	USA	6.2 (3 years); 31.6 (8 years)

*Hutterite children with a religious-based dress code.