

Slip-resistant footwear reduces slips among National Health Service workers in England: A randomised controlled trial

Supplementary 1 Characteristics of the participants

Supplementary 2 Response rates to post-randomisation messages

Supplementary 3 Data collected on the first slip reported by participants

SSHeW supplementary material v4

Supplementary 1 Characteristics of the participants

Characteristic	Intervention (n=2275)	Control (n=2278)	Total (n=4553)
Time spent on feet at work, n (%)			
Most of the time	1843 (81.0)	1829 (80.3)	3672 (80.7)
Some of the time	385 (16.9)	400 (17.6)	785 (17.2)
A little of the time	11 (0.5)	18 (0.8)	29 (0.6)
Missing	36 (1.6)	31 (1.4)	67 (1.5)
Required to work in the community, n (%)			
Yes	552 (24.3)	554 (24.3)	1106 (24.3)
No	1688 (74.2)	1689 (74.1)	3377 (74.2)
Missing	35 (1.5)	35 (1.5)	70 (1.5)
Have you had a fall at work in the past 12 months?, n (%)			
Yes	188 (8.3)	192 (8.4)	380 (8.3)
No	2039 (89.6)	2040 (89.6)	4079 (89.6)
Don't know	29 (1.3)	31 (1.4)	60 (1.3)
Missing	19 (0.8)	15 (0.7)	34 (0.7)
If yes, how many?			
Median (min, max)	1 (1, 52)	1 (1, 20)	1 (1, 52)
Have you suffered injury from any of these falls?, n (%)	69 (36.9)	74 (39.5)	144 (38.2)

max, maximum; min, minimum; n, number; %, percentage

Supplementary 2 Response rates to post-randomisation messages

Week post-randomization	Intervention (n=2275)	Control (n=2278)	Total (n=4553)
	N received / N sent (%)	N received / N sent (%)	N received / N sent (%)
1	2109/2275 (92.7)	2112/2278 (92.7)	4221/4553 (92.7)
2	2117/2272 (93.2)	2101/2278 (92.2)	4218/4550 (92.7)
3	2079/2270 (91.6)	2094/2278 (91.9)	4173/4548 (91.8)
4	2052/2269 (90.4)	2075/2276 (91.2)	4127/4545 (90.8)
5	2063/2267 (91.0)	2068/2275 (90.9)	4131/4542 (91.0)
6	2033/2265 (89.8)	2047/2272 (90.1)	4080/4537 (89.9)
7	1967/2265 (86.8)	2055/2271 (90.5)	4022/4536 (88.7)
8	1963/2261 (86.8)	2028/2271 (89.3)	3991/4532 (88.1)
9	1962/2261 (86.8)	2034/2271 (89.6)	3996/4532 (88.2)
10	1936/2259 (85.7)	2012/2271 (88.6)	3948/4530 (87.2)
11	1948/2259 (86.2)	1996/2271 (87.9)	3944/4530 (87.1)
12	1926/2256 (85.4)	1988/2271 (87.5)	3914/4527 (86.5)
13	1921/2255 (85.2)	1996/2271 (87.9)	3917/4526 (86.5)
14	1924/2253 (85.4)	1985/2269 (87.5)	3909/4522 (86.4)
Response to at least one text message	2254/2275 (99.1%)	2240/2278 (98.3%)	4494/4553 (98.7%)
Response to all 14 text messages	1289/2275 (56.7%)	1400/2278 (61.5%)	2689/4553 (59.1%)

N, number, %, percentage

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Supplementary 3 Data collected on the first slip reported by participants

Characteristic	Intervention (n=497)	Control (n=662)	Total (n=1159)
Hours worked in week of first slip			
Mean (SD)	35.7 (7.8)	35.6 (7.0)	35.6 (7.4)
Median (min, max)	37.5 (3.5, 75.0)	37.5 (5.0, 75.0)	37.5 (3.5, 75.0)
Type of slip, n (%)			
Slip without falling (however minor)	437 (87.9)	596 (90.0)	1033 (89.1)
Slip and fall	12 (2.4)	23 (3.5)	35 (3.0)
Missing	48 (9.7)	43 (6.5)	91 (7.9)
Wearing trial shoes when slipped, n (%)			
Yes	82 (16.5)	-	-
No	363 (73.0)	-	-
Don't know	3 (0.6)	-	-
Missing	49 (9.9)	-	-
Location of slip, n (%)			
On a ward or other clinical area in a hospital	479 (96.4)	644 (97.3)	1123 (96.9)
In a non-clinical area in a hospital e.g. office, corridor	5 (1.0)	3 (0.5)	8 (0.7)
In a catering area where food is prepared or served	1 (0.2)	0 (0.0)	1 (0.1)
Outside	4 (0.8)	6 (0.9)	10 (0.9)
Inside a patient's home	1 (0.2)	0 (0.0)	1 (0.1)
Other	7 (1.4)	9 (1.4)	16 (1.4)
Missing	0 (0.0)	0 (0.0)	0 (0.0)
Slipped on..., n (%)			
Smooth surface	341 (68.6)	532 (80.4)	873 (75.3)
Textured surface	92 (18.5)	77 (11.6)	169 (14.6)
Missing	64 (12.9)	53 (8.0)	117 (10.1)
Injuries suffered, n (%)^a			
None	419 (84.3)	582 (87.9)	1001 (86.4)
Superficial wound	12 (2.4)	17 (2.6)	29 (2.5)
Broken bone	0 (0.0)	0 (0.0)	0 (0.0)
Pulled muscle/sprained ligament	10 (2.0)	12 (1.8)	22 (1.9)
Other	5 (1.0)	3 (0.5)	8 (0.7)
Missing	52 (10.5)	49 (7.4)	101 (8.7)

^a not mutually exclusive

SD, standard deviation; max, maximum; min, minimum; n, number; %, percentage