



Supplementary Material

10.1302/0301-620X.103B11.BJJ-2021-0348.R2

Table i. Baseline characteristics of included and lost to follow-up patients.

Variable	Included (n = 152)	Lost to follow-up (n = 45)	p-value
Male, n (%)	90 (59.2)	29 (64.4)	0.648*
Mean age, yrs (SD)	46.9 (14.6)	43.1 (15.7)	0.132†
< 60 yrs, n (%)	120 (78.9)	40 (88.9)	0.200*
60+ yrs, n (%)	32 (21.1)	5 (11.1)	
Mean weight, kg (SD)	86.3 (16.4)	88.7 (20.9)	0.441†
Missing, n	6	4	
Mean BMI, kg/m² (SD)	27.9 (5.1)	29.1 (6.9)	0.220†
Missing, n	8	6	
Nicotine use, n (%)	35 (24.6)	14 (33.3)	0.532*
Missing, n	10	3	
Alcohol abuse (> 2 units/day), n (%)	14 (9.8)	4 (9.8)	0.866*
Missing, n	9	4	
Illegal drug use, n (%)	9 (6.3)	4 (9.8)	0.738*
Missing, n	8	4	
Diabetes mellitus, n (%)	7 (4.6)	3 (6.7)	0.868*
Type 1	1	0	
Type 2	6	3	
COPD, n (%)	3 (2.0)	4 (8.9)	0.081*
PAD, n (%)	1 (0.7)	0	> 0.999*
Injury, n (%)			0.246*
Weber B	35 (23.2)	12 (26.7)	
Weber C	80 (53.0)	20 (44.4)	
Maisonneuve	33 (21.9)	9 (20.0)	
Isolated synd.	2 (1.3)	3 (6.7)	
Other	1 (0.7)	1 (2.2)	
Missing	1	0	
ASA classification, n (%)			0.355*
I	66 (44.3)	22 (48.9)	
II	74 (49.7)	18 (40.0)	
III	9 (6.0)	5 (11.1)	
Missing	3		
Mean surgery duration, mins (SD)	63.6 (37.0)	60.8 (27.2)	0.658†
Missing	15	5	
Tourniquet use, n (%)	39 (34.2)	18 (48.3)	0.168*
Missing	38	8	

Screws, n (%)			1.000*
1	101 (66.9)	30 (68.2)	
2	50 (33.1)	14 (31.8)	
Screw diameter (mm), n (%)			0.449*
3.0	4 (2.6)	2 (4.5)	
3.5	138 (91.4)	41 (93.2)	
4.0	2 (1.3)	1 (2.3)	
4.5	7 (4.6)	0	
Missing	1	1	
Cortices, n (%)			0.213*
4	119 (78.8)	39 (88.6)	
3	32 (21.2)	5 (11.4)	
Missing	1	1	
Mean level, mm (SD)	23.0 (8.3)	22.8 (9.6)	0.888†
Missing	7	2	
Cast after surgery, n (%)	135 (89.4)	43 (97.7)	0.156*
Missing	1	1	
Full weightbearing, n (%)	2 (1.3)	0	> 0.999*
Missing	1	1	

*Chi-squared test.

†Independent-samples *t*-test.

COPD, chronic obstructive pulmonary disease; PAD, peripheral artery disease; SD, standard deviation.

Table ii. Predictors of functional outcome.

Variables	B (95% CI)	p-value*
Constant	101.938 (91.9 to 111.9)	0.000
Sex	-10.137 (-16.3 to -3.9)	0.002
Duration of surgery, mins	-.093 (-0.176 to -0.010)	0.029
Compl. fixation	-19.876 (-27.7 to -12.0)	0.000
Compl. intervention	-10.692 (-20.9 to -0.53)	0.039

*Multivariable linear regression.

CI, confidence interval.

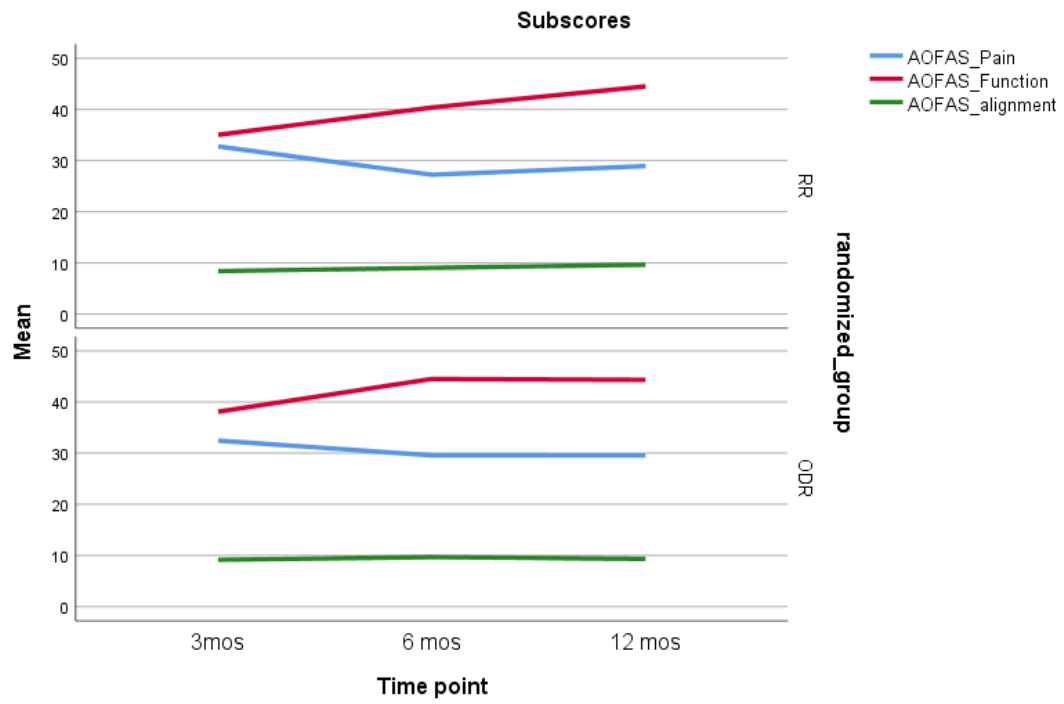


Figure a. American Orthopaedic Foot and Ankle Society (AOFAS) subscores.