The Bone & Joint Journal

Supplementary Material

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Table i. Raw scores at baseline and follow-up points.

Variable	Supportive bandage	Removable splint	Walking cast
Baseline characteristics			
Total, n	27	29	31
Male, n (%)	15 (55.6)	13 (44.8)	18 (58.1)
Occult fractures, n (%)	9 (33.3)	14 (48.3)	13 (41.9)
Physeal fractures, n (%)	1 (3.7)	1 (3.5)	2 (6.5)
Children age > 10 yrs, n (%)	9 (33.3)	9 (31.0)	13 (35.6)
Mean age, yrs (SD)	11.4 (3.0)	11.6 (3.2)	11.2 (3.2)
Mean baseline scores (SD)			
Proxy PedsQL: total	85.0 (18.1)	87.2 (14.48)	85.3 (19.4)
Self PedsQL: total	84.6 (15.1)	84.0 (15.4)	84.8 (19.0)
Proxy PROMIS mobility	56.6 (6.6)	51.0 (13.1)	52.9 12.5)
Self PROMIS mobility	55.8 (7.4)	51.1 (11.7)	55.8 (10.4)
Proxy EQ-5D-Y-Y VAS	83.0 (18.2)	93.2 (10.1)	90.1 (13.9)
Proxy EQ-5D-Y-Y index	92.6 (19.7)	93.1 (19.3)	96.5 (18.0)
Self EQ-5D-Y-Y VAS	80.1 (22.1)	84.9 (24.7)	84.2 (15.6)
Self EQ-5D-Y-Y index	65.3 (32.8)	93.2 (11.1)	65.2 (46.5)
ASK-P	94.7 (7.6)	93.4 (9.32)	86.6 (19.8)
Two-week follow-up			
Global rating of change score, n (%)			
Same as normal	6 (42.9)	7 (41.2)	8 (42.1)
Slightly worse	7 (50.0)	6 (35.3)	10 (52.6)
Moderately worse	1 (7.1)	3 (17.6)	1 (5.3)
Much worse	0	1 (5.9)	0
Returned to normal activities, n ()	1 (7.1)	8 (47.1)	3 (15.8)
Returned to school, n ()	12 (85.7)	16 (94.1)	14 (73.7)
Mean days off school (SD)	3.75 (3.09)	2.21 (2.49)	3.43 (3.46)
Mean two-week scores (SD)			
Proxy PROMIS Mobility T Score	38.28 (6.74)	40.35 (10.39)	34.82 (7.46)
Self PROMIS mobility	41.7 (14.7)	39.7 (7.4)	40.6 (14.1)
ASK-P Score	79.31 (24.29)	81.69 (15.47)	77.84 (13.43)
Proxy EQ-5D-Y-Y TTO	0.66 (0.269)	0.69 (0.315)	0.60 (0.233)
Proxy EQ-5D-Y-Y VAS	86.0 (11.63)	84.35 (12.67)	84.40 (14.44)
Self EQ-5D-Y-Y TTO	0.82 (0.111)	0.68 (0.233)	0.69 (0.214)
Self EQ-5D-Y-Y VAS	82.50 (10.61)	88.14 (8.67)	79.50 (18.51)

Proxy PedsQL: total	**73.5 (16.8)**	**76.3 (14.4)**	**69.5 (20.5)**
Physical	67.4 (19.9)	66.4 (28.0)	52.3 (25.0)
Emotional	85.4 (16.3)	85 (16.1)	77.0 (28.4)
Social	73.6 (19.3)	83.5 (15.2)	77.25 (25.2)
School	71.4 (23.2)	76.2 (22.0)	81.5 (19.9)
Self PedsQL: total	**84.8 (7.1)**	**73.4 (12.4)**	**78.9 (17.4)**
Physical	80.2 (17.8)	58.9 (22.2)	60.0 (32.1)
Emotional	96.7 (5.8)	85.0 (14.8)	92.0 (12.5)
Social	81.7 (7.6)	85.0 (17.6)	84.0 (15.6)
School	83.3 (15.3)	73.3 (24.2)	91.0 (9.6)
Six-week follow up			
Returned to normal activities, n ()	12 (85.7)	11 (84.6)	10 (55.6)
Returned to school, n ()	13 (92.9)	13 (100)	17 (94.4)
Mean days off school (SD)	3.5 (3.6)	2.8 (4.5)	4.1 (3.9)
Mean six-week scores (SD)			
Proxy PROMIS mobility	52.3 (8.1)	49.2 (10.3)	47.1 (9.5)
Self PROMIS mobility	**57.3 (7.6)**	**53.9 (9.4)**	**38.2 (8.3)**
ASK-P Score	83.5 (22.9)	85.3 (19.8)	81.2 (22.3)
Proxy EQ-5D-Y-Y TTO	92.5 (12.0)	84.7 (10.2)	82.4 (24.0)
Proxy EQ-5D-Y-Y VAS	91.5 (13.5)	94.5(5.2)	90.3 (14.9)
Self EQ-5D-Y-Y TTO	96.1 (68.0)	89. 7 (17.8)	66.2 (41.3)
Self EQ-5D-Y-Y VAS	95.7 (5.1)	93.3 (4.7)	85.2 (7.8)
Proxy PedsQL: total	**82.4 (15.0)**	**85.9 (8.9)**	**86.0 (16.8)**
Physical	84.1 (19.4)	83.0 (21.3)	83.1 (22.4)
Emotional	87.7 (18.4)	90.0 (16.0)	87.6 (18.1)
Social	79.1 (23.3)	87.3 (16.0)	87.6 (18.2)
School	77.7 (21.7)	85.0 (16.9)	87.4 (17.2)
Self PedsQL: total	**90.6 (14.5)**	**83.3 (13.0)**	**84.3 (21.8)**
Physical	95.8 (3.6)	82.3 (17.2)	76.3 (33.6)
Emotional	85.0 (26.0)	81.7 (20.2)	88.0 (16.8)
Social	90.0 (17.3)	81.7 (17.6)	89.0 (12.4)
School	88.3 (20.2)	88.3 (10.4)	89.0 (19.5)
12-week follow up			
Returned to normal activities, n ()	9 (100)	9 (90)	11 (84.6)
Returned to school, n ()	9 (100)	10 (100)	13 (100)
Mean days off school (SD)	4.2 (4.5)	2.4 (3.7)	3.2 (3.9)
Mean 12-week scores (SD)			
Proxy PROMIS Mobility T Score	55.7 (10.8)	52.8 (7.5)	53.9 (8.8)
Self PROMIS mobility	55.5 (0)	57.15 (6.8)	51.8 (9.5)
ASK-P Score	94.0 (8.5)	98.8 (1.5)	93.8 (10.3)
Proxy EQ-5D-Y-Y TTO	95.6 (8.4)	85.5 (14.1)	85.8 (26.3)
Proxy EQ-5D-Y-Y VAS	95.3 (6.4)	88.8 (12.5)	86.3 (14.1)
Self EQ-5D-Y-Y TTO	100 (0.0)	87.3 (8.8)	88.3 (17.1)
Self EQ-5D-Y-Y VAS	91.3 (15.0)	94.0 (4.9)	88.4 (6.1)
Proxy PedsQL: total	88.6 (13.8)	82.7 (11.7)	84.9 (22.1)
Physical	92.0 (22.7)	88.3 (13.2)	90.9 (16.7)
Emotional	86.1 (15.6)	74.4 (20.8)	75.4 (34.5)
Social	97.7 (12.0)	88.1 (13.3)	87.5 (22.7)
School	81.7 (20.8)	76.9 (20.0)	82.1 (26.4)
Self PedsQL: total	96.4 (6.3)	81.3 (13.4)	91.6 14.4)
Physical	91.7 (14.4)	94.5 (6.4)	88.8 (18.4)
Emotional	96.7 (5.8)	70.0 (22.7)	91.0 (20.1)
Social	100 (0.0)	85.0 (14.7)	98.0 (4.5)
School	100 (0.0)	67.5 (33.8)	92.0 (12.5)

ASK-P, Activities Scale for Kids - Performance; EQ-5D-Y, youth version of the EuroQol five-dimension health questionnaire; PedsQL, Paediatric Quality of Life Inventory 4.0 core set; PROMIS, Patient-

Reported Outcomes Measurement Information System; TTO, time trade-off; VAS, visual analogue scale.

Table ii. Outcome completion for different outcomes at two, six, and 12 weeks

Variable	May - June 21	July - Aug 21	Sept - Oct 21	Nov - Dec 21	Jan - Feb 22	Mar - Apr 22	May - June 22	July - Aug 22	Sept - Oct 22	Nov - Dec 22	Jan - Feb 23	Mar - Apr 23
Two weeks, n (%)												
Complications	3 (100)	10 (100)	8 (100)	8 (100)	6 (100)	11 (100)	9 (90.0)	11 (100)	7 (100)	7 (100)	3 (100)	3 (100)
Economic	2 (66.7)	7 (70.0)	4 (50.0)	2 25.0)	3 (50.0)	9 (81.8)	6 (60.0)	5 (45.5)	4 (57.1)	6 (85.7)	1 (33.3)	1 (33.3)
Return to activities	2 (66.7)	7 (70.0)	4 (50.0)	2 (25.0)	3 (50.0)	9 (81.8)	6 (60.0)	5 (45.5)	4 (57.1)	6 (85.7)	1 (33.3)	1 (33.3)
Return to school	2 (66.7)	7 (70.0)	4 (50.0)	2 (25.0)	3 (50.0)	6 (60.0)	5 (45.5)	4 (57.1)	6 (85.7)	1 (33.3)	1 (33.3)	6 (60.0)
Proxy PROMIS	2 (66.7)	7 (70.0)	3 (37.5)	2 (25.0)	3 (50.0)	8 (72.7)	6 (60.0)	5 (45.5)	4 (57.1)	6 (85.7)	1 (33.3)	1 (33.3)
Proxy EQ-5D-Y	2 (66.7)	7 (70.0)	5 (62.5)	2 (25.0)	3 (50.0)	9 (81.8)	6 (60.0)	5 (45.5)	4 (57.1)	6 (85.7)	1 (33.3)	1 (33.3)
Proxy PedsQL	2 (66.7)	7 (70.0)	5 (62.5)	2 (25.0)	3 (50.0)	9 (81.8)	6 (60.0)	5 (45.5)	4 (57.1)	6 (85.7)	1 (33.3)	1 (33.3)
Self PROMIS	1 (33.3)	6 (60.0)	3 (37.5)	2 (25.0)	2 (25.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Self EQ-5D-Y	0	5 (62.5)	5 (71.4)	1 (25.0)	3 (60.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Self PedsQL	0	6 (60.0)	4 (50.0)	1 (12.5)	3 (50.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ASK-P	1 (33.3)	7 (70.0)	3 (37.5)	2 (25.0)	3 (50.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Six weeks, n (%)												
Complications	3 (100)	10 (100)	8 (100)	7 (87.5)	6 (100)	11 (100)	9 (90.0)	11 (100)	7 (100)	6 (85.7)	3 (100)	3 (100)
Economic	2 (66.7)	7 (70.0)	5 (62.5)	2 (25.0)	3 (50.0)	9 (81.8)	6 (60.0)	3 (27.3)	4 (57.1)	3 (42.9)	0	1 (33.3)
Return to activities	1 (33.3)	6 (60.0)	6 (75.0)	2 (25.0)	4 (66.7)	7 (63.6)	4 (40.0)	6 (54.5)	4 (57.1)	3 (42.9)	1 (33.3)	1 (33.3)
Return to school	1 (33.3)	6 (60.0)	6 (75.0)	2 (25.0)	4 (66.7)	7 (63.6)	4 (40.0)	6 (54.5)	4 (57.1)	3 (42.9)	1 (33.3)	1 (33.3)
Proxy PROMIS	1 (33.3)	5 (50.0)	5 (62.5)	2 (25.0)	4 (66.7)	7 (63.6)	4 (40.0)	6 (54.5)	4 (57.1)	3 (42.9)	1 (33.3)	1 (33.3)
Proxy EQ-5D-Y	1 (33.3)	4 (40.0)	5 (62.5)	2 (25.0)	4 (66.7)	7 (63.6)	4 (40.0)	6 (54.5)	4 (57.1)	3 (42.9)	1 (33.3)	1 (33.3)
Proxy PedsQL	1 (33.3)	4 (40.0)	5 (62.5)	2 (25.0)	3 (50.0)	7 (63.6)	4 (40.0)	3 (27.3)	3 (42.9)	2 (28.6)	1 (33.3)	1 (33.3)
Self PROMIS	1 (33.3)	2 (20.0)	4 (50.0)	1 (12.5)	3 (50.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Self EQ-5D-Y	0	2 (25.0)	5 (71.4)	1 (25.0)	3 (50.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Self PedsQL	0	2 (20.0)	5 (62.5)	1 (12.5)	3 (50.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ASK-P	1 (33.3)	3 (30.0)	4 (50.0)	2 (25.0)	3 (50.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12 weeks, n (%)												
Complications	3 (100)	10 (100)	8 (62.5)	7 (87.5)	6 (100)	11 (100)	9 (90.0)	10 (90.9)	7 (100)	5 (71.4)	3 (100)	3 (100)
Economic	2 (66.7)	7 (70.0)	5 (57.1)	2 (25.0)	3 (50.0)	7 (63.6)	1 (10.0)	1 (9.1)	1 (14.3)	2 (28.6)	0	1 (33.3)
Return to activities	0	4 (40.0)	4 (50.0)	2 (25.0)	4 (66.7)	4 (36.4)	5 (50.0)	3 (27.3)	2 (28.6)	3 (42.9)	0	1 (33.3)
Return to school	0	4 (40.0)	4 (50.0)	2 (25.0)	4 (66.7)	4 (36.4)	5 (50.0)	3 (27.3)	2 (28.6)	3 (42.9)	0	1 (33.3)
Proxy PROMIS	0	2 (20.0)	4 (50.0)	2 (25.0)	3 (50.0)	4 (36.4)	5 (50.0)	2 (18.2)	2 (28.6)	2 (28.6)	1 (33.3)	1 (33.3)

Proxy EQ-5D-Y	0	4 (40.0)	4 (50.0)	2 (25.0)	3 (50.0)	4 (36.4)	5 (50.0)	2 (18.2)	2 (28.6)	2 (28.6)	1 (33.3)	0
Proxy PedsQL	0	4 (40.0)	4 (50.0)	2 (25.0)	3 (50.0)	4 (36.4)	5 (50.0)	2 (18.2)	2 (28.6)	2 (28.6)	1 (33.3)	0
Self EQ-5D-Y	0	3 (50.0)	4 (50.0)	2 (25.0)	3 (60.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Self PedsQL	0	3 (50.0)	4 (50.0)	2 (25.0)	3 (50.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Self PROMIS	0	3 (50.0)	4 (50.0)	1 (12.5)	2 (33.3)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ASK-P	0	3 (30.0)	4 (50.0)	1 (12.5)	3 (50.0)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ASK-P, Activities Scale for Kids - Performance; EQ-5D-Y, youth version of the EuroQol five-dimension health questionnaire; N/A, not applicable; PedsQL, Paediatric Quality of Life Inventory 4.0 core set; PROMIS, Patient-Reported Outcomes Measurement Information System; TTO, time trade-off; VAS, visual analogue scale.