



## Supplementary Material

10.1302/2633-1462.32.BJO-2021-0191.R1

**Table i.** Bone healing and functional outcomes for locking compression plate. Group S = satisfactory alignment; Group U = unsatisfactory alignment.

Variable	Group S	Group U	p-value
Number of patients	39	18	
Nonunion, n (%)	5 (12.8)	4 (22.2)	0.442
Implant failure, n (%)	3 (7.7)	1 (5.6)	1
Reoperation, n (%)	2 (5.1)	1 (5.6)	1
<b>Reoperation reason, n (%)</b>			1
Implant failure	2	1	
<b>Reoperation procedure, n (%)</b>			1
Bone grafting only	0	1	
Replace with plate	1	0	
Additional plate	1	0	

**Table ii.** Bone healing and functional outcomes for locking compression plate.

Variable	Group S	Group U	p-value
Number of patients	39	18	
Nonunion, n (%)	5 (12.8)	4 (22.2)	0.442
Implant failure, n (%)	3 (7.7)	1 (5.6)	1
Reoperation, n (%)	2 (5.1)	1 (5.6)	1
<b>Reoperation reason, n (%)</b>			1
Implant failure	2	1	
<b>Reoperation procedure, n (%)</b>			1
Bone grafting only	0	1	

Replace with plate	1	0	
Additional plate	1	0	

**Table iii.** Bone healing and functional outcomes for retrograde intramedullary nail.

<b>Variable</b>	<b>Group S</b>	<b>Group U</b>	<b>p-value</b>
Number of patients	69	14	
Nonunion, n (%)	10 (15.2)	4 (28.6)	0.254
Implant failure, n (%)	1 (1.4)	2 (14.3)	0.072
Reoperation, n (%)	4 (5.8)	4 (28.6)	0.025
<b>Reoperation reason, n (%)</b>			1
Implant failure	1	0	
Delayed union	3	3	
Infection	0	1	
<b>Reoperation procedure, n (%)</b>			0.486
Bone grafting only	1	0	
Replace with plate	0	2	
Replace with retrograde intramedullary nail	1	0	
Additional plate	2	1	
Implant removal	0	1	