

Clinical outcomes and safety comparison of vertebroplasty, balloon kyphoplasty, and vertebral implant for treatment of vertebral compression fractures

Online Materials

Taibo Li, Sharon Pang, Ryan England, Anna Gong, David Botros, Sasicha Manupipatpong, Ferdinand K. Hui, Majid Khan

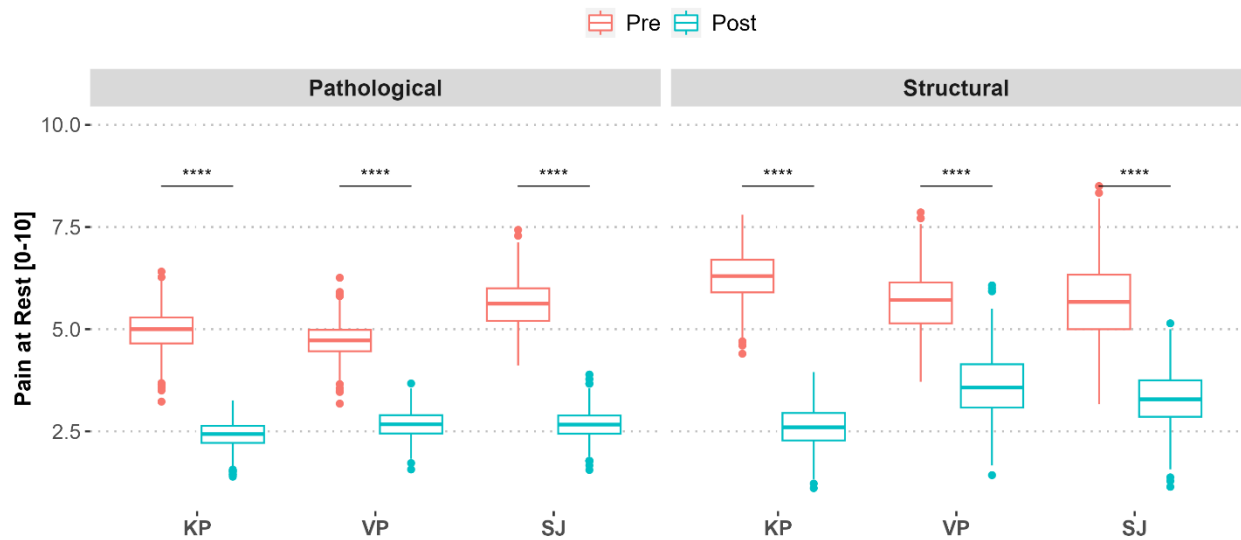


Figure S1: Sub-Analysis of Pain Score Comparison At Rest by Underlying Pathology. Distribution of patient-reported pain scores on a scale between 0–10 at rest for three procedure types pre- (red) and post-procedure (blue), split by underlying pathology (pathological fracture, left; structural fractures right). Shown are median and interquartile ranges. KP, kyphoplasty; VP, vertebroplasty; SJ, SpineJack vertebral implant.

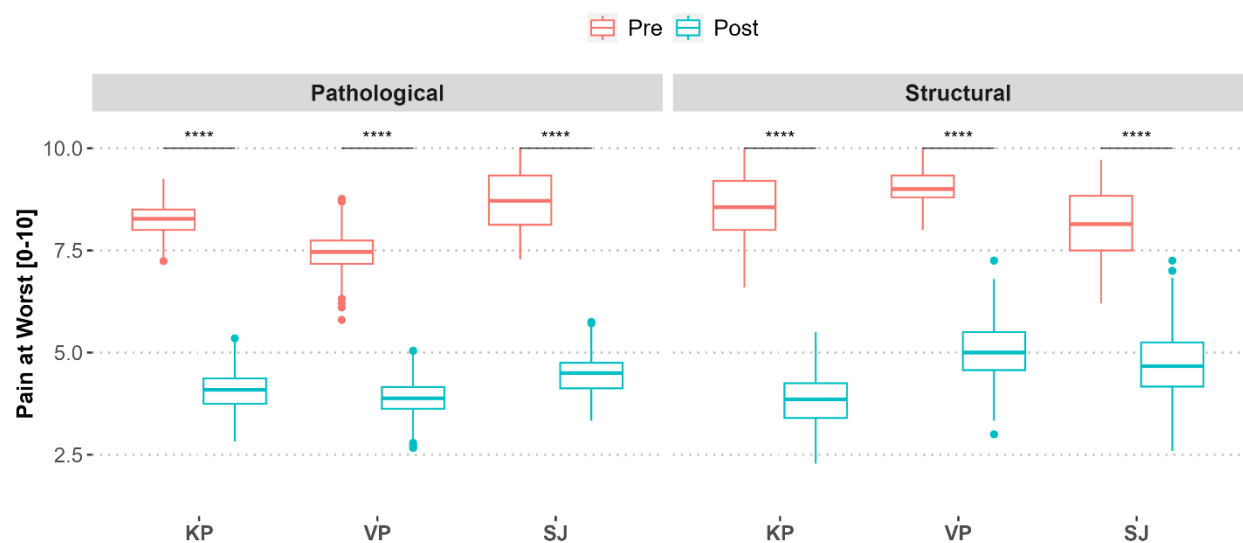


Figure S2: Sub-Analysis of Pain Score Comparison At Worst by Underlying Pathology. Distribution of patient-reported pain scores on a scale between 0–10 for three procedure types pre- (red) and post-procedure (blue), split by underlying pathology (pathological fracture, left; structural fractures right). This is the same analysis as Figure S1 except for pain scores at worst. Shown are median and interquartile ranges. KP, kyphoplasty; VP, vertebroplasty; SJ, SpineJack vertebral implant.

Supplementary Table 1: Total Number of Levels for Each Procedure

	Kyphoplasty	Vertebroplasty	SpineJack
C6	0	1	0
T1	1	0	0
T2	0	0	0
T3	3	1	0
T4	2	1	0
T5	2	4	1
T6	4	7	5
T7	13	5	6
T8	7	6	8
T9	7	6	2
T10	7	8	9
T11	9	12	6
T12	6	12	15
L1	11	16	16
L2	13	11	11
L3	10	12	12
L4	6	9	9
L5	12	13	2
S1	0	7	0
S2	0	1	0
Total	113	132	102