

Appendix: General outcomes of the studies included in the meta-analysis

Author	Cohort	Hospital stay (days)		Estimated blood loss (ml)		Preop. JOA		Postop. JOA		Preop. pain VAS/NRS		Postop. pain VAS/NRS		Preop. SF-36 PCS		Postop. SF-36 PCS		Preop. SF-36 MCS		Postop. SF-36 MCS	
		Mean \pm SD	(Range)	Mean \pm SD	(Range)	Mean \pm SD	(Range)	Mean \pm SD	(Range)	Mean \pm SD	(Range)	Mean \pm SD	(Range)	Mean \pm SD	(Range)	Mean \pm SD	(Range)	Mean \pm SD	(Range)	Mean \pm SD	(Range)
Endoscopic Foraminotomy																					
<i>Short term</i>																					
Kim, 2021	48									7 \pm 1	(5 -9)	2 \pm 1	(1 -3)								
Shi, 2021 (Group 1)	22																				
Shi, 2021 (Group 2)	21																				
Song, 2021	21	1 \pm 1	(0 -2)							7 \pm 1		1 \pm 1									
Yang, 2021	22																				
Yoo, 2019	24									8	(7 -9)	4	(2 -7)								
Akbary, 2018	30	9 \pm 3	(3 -15)	49 \pm 61	(0 -200)																
Chung, 2019	24																				
Ishibashi, 2018	10	3	(1 -5)			8 \pm 6		16 \pm 5		7 \pm 1		2 \pm 2									
Kim, 2018a	12																				
Kim, 2018b	31																				
Madhavan, 2016	16													48 \pm 4		43 \pm 5		48 \pm 4		50 \pm 12	
<i>Mid term</i>																					
Murata, 2020	78					15 \pm 3		22 \pm 4													
Yeung, 2020	176									7 \pm 2	(1 -10)	3 \pm 2	(0 -10)								
Youn, 2019	51									8 \pm 1		2		34 \pm 4*		49 *					
Ahn, 2017	35	2	(1 -23)																		
Ahn, 2014	33	1 \pm 1	(1 -4)																		
Fusion																					
<i>Short term</i>																					
Alimi, 2015	23																				
Yamada, 2014	38					10 \pm 5		20 \pm 5													
<i>Mid term</i>																					
Cofano, 2021	34																				
Shin, 2013 (Group 1)	24	8		280																	
Shin, 2013 (Group 2)	16	6		221																	
Shim, 2011 (Group 1)	23	10 \pm 0		305 \pm 10																	
Shim, 2011 (Group 2)	26	7 \pm 0		163 \pm 4																	
Cho, 2010	28																				
Park, 2010	34	5	(4 -8)	345																	

Abbreviations: SD, standard deviation; Preop., preoperative; Postop., postoperative; JOA, Japanese orthopaedic association; VAS, visual analogue scale; NRS, numeric rating scale; PCS, physical component summary; MCS, mental component summary * SF-36 general (combining the physical and mental components summary)