Appendix 2

Patient groups profile at the final examination (according to literature data)

Study	Groups	Indicators at the final examination		Fracture union, %	Severity of pain syndrome according to Denis, n			Occupational adaptation degree according to Denis, n			VAS, points	Oswestry, %
		Cobb angle, degrees	AVBCR, %		P1+P2	P3	P4+P5	W1+W2	W3	W4+W5		
Wild et al. [19]	–	–	–	100.0	–	–	–	17	–	1	–	–
Hwang et al. [20]	Non-fusion group	15.2 ± 6.0	–	–	–	–	–	–	–	–	3.4 ± 0.9	–
Lakshmanan et al. [21]	–	15.7 ± 6.7	–	–	–	–	–	–	–	–	–	–
Lee et al. [22]	Group 1–2	15.6 ± 6.9	19.9 ± 11.9	–	18	8	0	16	10	0	–	–
Liao et al. [23]	–	7.1 ± 4.7	20.0 ± 6.2	–	11	2	1	10	2	2	–	–
Ni et al. [24]	–	7.6 ± 6.8	10.2 ± 4.7	–	–	–	–	–	–	–	–	–
Blondel et al. [25]	Group 1	5.2	–	–	–	–	–	–	–	–	–	–
	Group 2	3.6	–	–	–	–	–	–	–	–	–	–
Jiang et al. [26]	Percutaneous group	–	–	–	–	–	–	–	–	–	3.6 ± 0.3	13.5 ± 6.1

Kim et al. [27]	–	–	20.6	–	–	–	–	–	–	–	2.2	–
Li et al. [28]	SSPI group	7.5 ± 5.2	–	–	–	–	–	–	–	–	1.1 ± 0.6	–
Wang et al. [29]	–	2.1	–	100.0	–	–	–	–	–	–	–	–
Zhang et al. [30]	–	5.3 ± 3.7	5.7 ± 3.2	–	–	–	–	–	–	–	2.0 ± 0.7	34.0 ± 4.0
Chou et al. [31]	Non-fusion group	13.8 ± 6.6	–	100.0	–	–	–	–	–	–	2.1 ± 0.9	–
Proietti et al. [32]	Group A	–	–	–	–	–	–	–	–	–	1.8	12.0
	Group B	–	–	–	–	–	–	–	–	–	4.3	38.0
Takami et al. [33]	–	-0.6	–	100.0	–	–	–	–	–	–	–	–
Vanek et al. [34]	MIS group	4.4 ± 9.4	–	–	–	–	–	17	–	–	–	–
Zhao et al. [35]	PFFV group	–	–	–	29	3	0	–	–	–	–	–
	TSSF group	–	–	–	30	5	0	–	–	–	–	–
Fu et al. [36]	Opsf-4	–	–	100.0	–	–	–	–	–	–	–	–
	Opsf-6	–	–	100.0	–	–	–	–	–	–	–	–
	Ppsf-4	–	–	100.0	–	–	–	–	–	–	–	–
	Ppsf-6	–	–	100.0	–	–	–	–	–	–	–	–

Lin et al. [37]	Group A	10.3 ± 5.2	24.5 ± 12.0	–	18	1	1	17	2	1	–	–
	Group B	6.4 ± 7.8	17.8 ± 9.5	–	25	4	2	21	6	4	–	–
	Group C	7.1 ± 5.3	20.8 ± 6.8	–	16	2	2	12	4	4	–	–
Fan et al. [38]	PPSF group	7.0 ± 6.9	–	–	–	–	–	–	–	–	0.7 ± 0.6	3.2 ± 1.7
Mayer et al. [39]	POST-I group	14.7 ± 10.6	–	90.9	–	–	–	–	–	–	–	16.3 ± 17.1
Zhao et al. [40]	–	6.1 ± 7.0	6.0 ± 2.0	–	–	–	–	–	–	–		5.9 ± 2.7
Oh and Seo. [41]	–	4.6 ± 11.9	13.4 ± 9.4	–	–	–	–	–	–	–	1.2 ± 1.2	9.5 ± 6.1
Trungu et al. [42]	ISG group	2.9		–	–	–	–	–	–	–	2.2	16.8
	Nisg group	0.8		–	–	–	–	–	–	–	2.4	15.6
Yang et al. [43]	Group A	11.0 ± 3.0	11.5 ± 5.6	–	–	–	–	–	–	–	1.3 ± 0.7	–
	Group B	12.8 ± 4.2	11.0 ± 4.9	–	–	–	–	–	–	–	0.9 ± 0.7	–
Yang et al. [44]	MIS group	10.7 ± 3.2	17.2 ± 15.7	–	–	–	–	–	–	–	2.2 ± 0.6	4.5 ± 2.6
	OPPF group	9.2 ± 3.6	16.4 ± 13.9	–	–	–	–	–	–	–	2.5 ± 0.9	4.7 ± 3.3
Alkosha et al. [45]	All	–	–	85.7	–	–	–	–	–	–	–	–
	TLICS 3 PSF group	17.0 ± 3.0	–	–	–	–	–	–	–	–	–	15.0 ± 2.0

	TLICS 4 PSF group	17.0 ± 3.0	–	–	–	–	–	–	–	–	–	15.0 ± 2.0
	TLICS 5 PSF group	19.0 ± 2.0	–	–	–	–	–	–	–	–	–	18.0 ± 2.0
Collinet et al. [46]	–	6.2 ± 5.9	17.0 ± 5.0	100.0	–	–	–	–	–	–	2.3	11.8
Kocis et al. [47]	OPSF group	0.1	–	–	–	–	–	–	–	–	–	–
	PPSF group	0.2	–	–	–	–	–	–	–	–	–	–
Shao et al. [48]	–	5.5	16.5 ± 5.5	100.0	–	–	–	–	–	–	15 ± 0.7	12.2 ± 4.3
Zou et al. [49]	PPS group	–	–	–	–	–	–	–			0.4 ± 0.4	5.3 ± 1.8
Cheng et al. [50]	–	6.9 ± 4.3	2.4 ± 8.4	100.0	–	–	–	–	–	–	0.8 ± 0.7	–
Hoffman et al. [51]	CG group	–	–	–	–	–	–	–	–	–	–	21.4 ± 23.7
	IG group	–	–	–	–	–	–	–	–	–	–	17.7 ± 11.8
Perna et al. [52]	Group A	8.7 ± 4.8	–	–	–	–	–	–	–	–	4.5 ± 1.8	27.3 ± 10.1
Zhu et al. [53]	MIS-F group	–	6.1 ± 5.1	–	–	–	–	–	–	–	1.2 ± 0.5	11.5 ± 2.3
	MIS-O group	–	7.9 ± 10.1	–	–	–	–	–	–	–	1.2 ± 0.8	12.0 ± 2.1
	Open-C group	–	6.8 ± 8.1	–	–	–	–	–	–	–	1.4 ± 0.7	12.2 ± 2.6