

**Appendix 4.** Patient-reported outcome scores.

First Author (Year)	Mean Lysholm score		Mean IKDC score	
	Preoperative	Postoperative	Preoperative	Postoperative
<b>Simple stitch configuration</b>				
Chung et al <sup>4</sup> (2020)	52.3 ± 10.9	77.1 ± 24	41 ± 9.6	63.7 ± 20.6
Hiranaka et al <sup>10</sup> (2020)	55.6 ± 7.8	85.6 ± 7.9	32.7 ± 13.9	63.1 ± 12.3
Furumatsu et al <sup>9</sup> , two- simple stitch cohort (2022)	54.6 ± 9.1	86 ± 7.5	33.2 ± 13.9	65.2 ± 10.6
Furumatsu et al <sup>9</sup> , two- simple stitch with Posteromedial Pullout Repair cohort (2022)	58.3 ± 7.1	88.1 ± 6.7	34.4 ± 14.5	64.4 ± 11.1
Kim et al <sup>12</sup> (2011)	54.3 ± 4.1	92.5 ± 5.5	57.3 ± 4.1	91.8 ± 4.6
Lee et al <sup>22</sup> (2014)	56.1 ± 8.3	85.4 ± 3.6	43.5 ± 9.3	77.7 ± 7.5
Ahn et al <sup>1</sup> (2015)	57.3 ± 15.6	73.4 ± 21.6	37.3 ± 14.6	59.2 ± 22.9
Kim et al <sup>14</sup> (2011)	56.8 ± 5.5 (44 - 70)	85.1 ± 5.8 (77 - 94)	42.6 ± 6.3 (30 - 53)	77.2 ± 6.3 (68 - 92)
Ulku et al <sup>28</sup> (2020)	56.7 ± 7.8 (42 - 67)	87.6 ± 4.8	--	--

**All-inside-dependent modified Mason-Allen configuration**

Hiranaka et al <sup>10</sup> (2020)	63.6 ± 11.1	84.7 ± 10.3	41 ± 17.8	63.2 ± 15.4
Furumatsu et al <sup>9</sup> (2022)	61.7 ± 11	85.2 ± 10.9	41.3 ± 18.6	64.5 ± 15.3
Zhang et al <sup>31</sup> (2021)	64.6 ± 11.7	85.9 ± 8.4	40.4 ± 16.2	65.3 ± 13.7

**Modified reverse Mason-Allen configuration**

Moon et al <sup>24</sup> , reduced or maintained MMER cohort (2020)	55.6 ± 23.5	77.1 ± 15.1	41.2 ± 17.6	55.7 ± 14.4
Moon et al <sup>24</sup> , increased MMER cohort (2020)	47.6 ± 23.4	71.5 ± 20.5	35.5 ± 13.3	55.6 ± 16.5

Lee et al <sup>22</sup> (2014)	57.4 ± 7	87.6 ± 6	44.1 ± 5.5	78.4 ± 7.3
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**Cinch-loop stitch configuration**

Yanagisawa et al <sup>30</sup> , decreased Meniscal Extrusion cohort (2020)	51.2 ± 22.2	81.8 ± 21.7	--	--
Yanagisawa et al <sup>30</sup> , increased Meniscal Extrusion cohort (2020)	48.8 ± 19.8	84.6 ± 15.2	--	--
Kaplan et al <sup>11</sup> (2018)	50.9 ± 7.1 (43 - 63)	87.1 ± 9.8 (69 - 100)	45.9 ± 12.5 (21.9)	76.7 ± 14.7 (52.9 - 95.4)
Ulku et al <sup>28</sup> (2020)	55.8 ± 8.6 (44 - 66)	88.8 ± 3.7	--	--

LOE, level of evidence; No. number; y, year; m, month; w, week; M, male; F, female; --, not reported; MMER, medial meniscal extrusion ratio.