

TABLE E-1 Inclusion and Exclusion Criteria	
Inclusion Criteria	Exclusion Criteria
Primary hip arthroscopy	Any previous hip condition (acetabular fracture, osteonecrosis, Legg-Calvé-Perthes disease, fibromyalgia, Ehlers-Danlos syndrome, pigmented villonodular synovitis)
Agreement to participate in study	Tönnis grade of >1
Minimum postoperative follow-up duration of two years	Previous hip surgery

TABLE E-2 Tönnis Grade			
Tönnis Grade	Non-Obese Group (N = 562)	Class-I Obese Group (N = 94)	Class-II Obese Group (N = 24)
0*	461 (82%)	73 (78%)	18 (77%)
1	101 (18%)	21 (22%)	6 (23%)
2	0 (0%)	0 (0%)	0 (0%)
3	0 (0%)	0 (0%)	0 (0%)

\*The p value between the non-obese group and the class-I obese group was not significant at p = 0.43; the p value between the class-II obese group and the non-obese and class-I obese groups was also not significant at p = 0.62.

TABLE E-3 Preoperative Patient-Reported Outcome and Visual Analog Scale Pain Scores*			
Preoperative Scores	Non-Obese Group† (N = 562)	Class-I Obese Group† (N = 94)	Class-II Obese Group† (N = 24)
Modified Harris hip score	63.41	54.81	50.81
Hip Outcome Score Activities of Daily Living	66.24	53.22	48.11
Hip Outcome Score Sport-Specific Subscale	44.01	30.56	28.25
Non-Arthritic Hip Score	60.86	48.98	42.36
Visual analog scale	5.88	6.71	7.78

\*The scores between the non-obese group and the class-I obese group and between the non-obese group and the class-II obese group were significantly different at p < 0.05 for all scores. †The values are given as the average score in points.

**TABLE E-4 The Change in Preoperative to Postoperative Patient-Reported Outcome and Visual Analog Scale Pain Scores**

	Non-Obese Group* (N = 562)	Class-I Obese Group* (N = 94)	P Value†	Class-II Obese Group* (N = 24)	P Value‡
Modified Harris hip score	19.74	20.48	0.78	24.24	0.39
Hip Outcome Score Activities of Daily Living	19.47	19.74	0.92	21.75	0.68
Hip Outcome Score Sport-Specific Subscale	28.89	31.11	0.59	31.75	0.75
Non-Arthritic Hip Score	22.41	25.98	0.2	26.92	0.42
Visual analog scale	-3.00	-3.15	0.71	-4.07	0.19

\*The values are the change in scores given in points. †The p values are compared between the non-obese group and the class-I obese group. ‡The p values are compared between the non-obese group and the class-II obese group.

**TABLE E-5 Postoperative Complications**

Complication	Non-Obese Group*	Class-I Obese Group*	P Value†	Class-II Obese Group*	P Value‡
Heterotopic ossification	6 (1.1%)	1 (1.1%)	1.00	0 (0.0%)	0.61
Superficial infection	4 (0.7%)	1 (1.1%)	0.72	0 (0.0%)	0.68
Sciatic nerve palsy	4 (0.7%)	0 (0.0%)	0.41	0 (0.0%)	0.68
Pudendal nerve palsy	3 (0.5%)	0 (0.0%)	0.48	0 (0.0%)	0.72
Deep vein thrombosis	3 (0.5%)	1 (1.1%)	0.54	0 (0.0%)	0.72
Lateral femoral cutaneous nerve palsy	2 (0.4%)	1 (1.1%)	0.346	0 (0.0%)	0.77
Pulmonary embolus	0 (0.0%)	1 (1.1%)	0.014	0 (0.0%)	0.00

\*The values are given as the number of patients, with the percentage in parentheses. †The p values are compared between the non-obese group and the class-I obese group. ‡The p values are compared between the non-obese group and the class-II obese group.