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Supplemental Table 1. Summary of Comorbidity Score Utilization in TKA Literature Upon Removing ASA Class.

Summary of TKA Literature Upon Removing ASA Class (n=34)									
Study Design	**Number of Studies**	**Percentage TKA of Studies**	**Comorbidity Score Utilization**						
			CCI	**CCI-Deyo**	**Age-adj. CCI**	**NYHA**	**CIRS**	**RRAT**	**Comorbid Diagnoses Only***
Randomized controlled trial	16	47.1%	31.3%	-	6.3%	6.3%	12.5%	-	43.8%
Prospective cohort study	8	23.5%	25%	-	-	-	-	-	75%
Retrospective cohort study	8	23.5%	25%	12.5%	-	-	-	12.5%	50%
Cross-sectional study	2	5.9%	-	-	-	-	-	-	100%
Case control study	0	0%	-	-	-	-	-	-	-

*Indicates the publication reported the percentage of the study population affected by comorbid diagnoses without the use of a formal comorbidity score. ASA: American Society of Anesthesiologists Physical Status Classification; Age-adj. CCI: Age-adjusted Charlson Comorbidity Index; CCI: Charlson Comorbidity Index; CCI-Deyo: Charlson Comorbidity Index adapted by Deyo et al.[20]; CIRS: Cumulative Illness Rating Scale; NYHA: New York Heart Association Functional Classification; TKA: total knee arthroplasty; RRAT: Readmission Risk Assessment Tool.

Supplemental Table 2. Summary of Comorbidity Score Utilization in THA Literature Upon Removing ASA Class.

Summary of THA Literature Upon Removing ASA Class (n= 85)						
Study Design	**Number of Studies**	**Percentage of THA Studies**	**Comorbidity Score Utilization**			
			CCI	**CCI-Deyo**	**ECM**	**Comorbid Diagnoses Only***
Randomized controlled trial	44	51.8%	13.6%	-	-	86.4%
Prospective cohort study	19	22.4%	5.3%	-	5.3%	89.5%
Retrospective cohort study	14	16.5%	21.4%	-	14.3%	64.3%
Case control study	8	9.4%	-	12.5%	12.5%	75%

*Indicates the publication reported the percentage of the study population affected by comorbid diagnoses without the use of a formal comorbidity score. ASA Class: American Society of Anesthesiologists Physical Status Classification; CCI: Charlson Comorbidity Index; CCI-Deyo: Charlson Comorbidity Index adapted by Deyo et al.[20]; ECM: Elixhauser Comorbidity Measure; THA: total hip arthroplasty.