Copyright © 2020 The Authors. Published by The Journal of Bone and Joint Surgery, Incorporated. MUKKA ET AL. THE EFFECT OF BODY MASS INDEX CLASS ON PATIENT-REPORTED HEALTH-RELATED QUALITY OF LIFE BEFORE AND AFTER TOTAL HIP ARTHROPLASTY FOR OSTEOARTHRITIS. REGISTRY-BASED COHORT STUDY OF 64,055 PATIENTS http://dx.doi.org/10.2106/JBJS.OA.20.00100 Page 1

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Table 1 – Effect of BMI class on difference between 1-year postoperative and preoperative					
hip pain and HRQoL respectively, unadjusted and adjusted for age, sex, ASA class and					
preoperative Charnley class.					

	Unadjusted		Adjusted	
	Estimates	95% CI	Estimates	95% CI
Hip pain				
Underweight	-0.050	(-0.15 <i>,</i> 0.051)	0.028	(-0.044 <i>,</i> 0.010)
Normal weight				
Overweight	0.0050	(-0.013 <i>,</i> 0.023)	0.041	(0.028, 0.055)
Class I obesity	-0.046	(-0.069 <i>,</i> -0.023)	0.083	(0.066 <i>,</i> 0.099)
Class II obesity	-0.15	(-0.19, -0.11)	0.093	(0.065, 0.12)
Class III obesity	-0.20	(-0.29, -0.12)	0.085	(0.026, 0.14)
EQ-5D index				
Underweight	0.0046	(-0.030 <i>,</i> 0.039)	-0.0054	(-0.037 <i>,</i> 0.026)
Normal weight				
Overweight	-0.0039	(-0.010 <i>,</i> 0.0023)	-0.012	(-0.037, 0.026)
Class I obesity	0.0082	(0.00043 <i>,</i> 0.016)	-0.020	(-0.027, -0.013)
Class II obesity	0.037	(0.024, 0.051)	-0.015	(-0.027, -0.0024)
Class III obesity	0.060	(0.32, 0.087)	-0.0041	(-0.029, 0.021)
EQ-5D VAS				
Underweight	-2.05	(-4.63 <i>,</i> 0.53)	-3.0	(-4.8, -1.1)
Normal weight				
Overweight	-0.97	(-1.4 <i>,</i> -0.50)	-1.4	(-1.7, -1.0)
Class I obesity	-0.77	(-1.4, -0.19)	-3.7	(-4.2, -3.3)
Class II obesity	-1.5	(-2.5, -0.51)	-6.6	(-7.3 <i>,</i> -5.8)
Class III obesity	-2.2	(-4.3, -0.14)	-9.0	(-10.5, -7.5)