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### Letter to the Editor on “Total Knee Arthroplasty Has Positive Effect on Patients With Low Mental Health Scores”



#### To the Editor:

I have read the study conducted by Horst et al [1] with great interest. This study aimed to determine the impact of total knee arthroplasty (TKA) on mental health. Some issues need to be addressed and elaborated, if necessary, about some of the patient-reported outcome measures they have applied to TKA patients. Hip and Knee Society Pain (HK Pain), Hip and Knee Society Symptoms (HK Symptoms), Hip and Knee Society Quality of Life (HK QoL), and Knee Society Function (KSS Function) questionnaires were collected from the patients. Looking at the references given to these, we see that the “The New Knee Society Knee Scoring System (The New KSS)” is used [2,3]. There is not a questionnaire called “Hip and Knee Society.” If “The New KSS” questionnaire was applied to patients who underwent hip arthroplasty and if therefore this expression was used, an inaccurate method was preferred. Because the “The New KSS” questionnaire is developed specifically for patients with TKA and is not validated for patients with hip arthroplasty. If there is a recently published validation study for patients with hip arthroplasty of “The New KSS,” this should be referred. Also, there is no “Quality of Life” subscore of “The New KSS.” If there is a survey called “Hip and Knee Society,” it should be referred and corrected. A reference to other patient-reported outcome measures used should also be referred. “The New KSS” is a questionnaire that requires using different forms for each knee. Whether the cases are unilateral or bilateral TKA patients should be elaborated and even must be included in the exclusion criteria. Providing a flowchart according to inclusion and exclusion criteria will be more explanatory.

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### Response to Letter to the Editor on “Total Knee Arthroplasty Has Positive Effect on Patients With Low Mental Health Scores”



#### In Reply:

The Knee injury and Osteoarthritis Outcome Score (KOOS) and Hip injury and Osteoarthritis Outcome Score (HOOS) are collected as a routine part of our institutional database for patients undergoing primary and revision total hip and knee arthroplasty. The HOOS and KOOS are collected in our database as H/K patient-reported outcome and reported as H/K Pain, H/K Symptoms, H/K Quality of Life, and H/K Function. The H/K score in our article should reference the KOOS with its specific subscales and was inadvertently and inappropriately referred to as the Hip and Knee Society Score [1,2]. In our study, KOOS was included as a secondary end point to augment the primary patient-reported outcome score evaluated—SF-12 Mental Component Score [1]. Patients who underwent total hip arthroplasty were not included in this study and are not evaluated using the Knee Society Score or the KOOS at our institution.

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