

TABLE E-1 CT Grading System for Postoperative Findings in Patients with Metal-on-Metal Hip Arthroplasty Components*

Grade	Description	Criteria
I	Normal or acceptable	Thickening of capsule up to 4-6 mm
II	Reactive	Thickening of capsule of >6 mm, but not more than the neck of the prosthesis, with or without bulging and without eccentric enlargement with respect to the capsule
III	Mild metal-on-metal disease	Consists of a bulging capsule both anteriorly and posteriorly
IV†	Moderate metal-on-metal disease	Represents eccentric bulging or enlargement of the capsule, which is often seen inferomedially to the prosthetic head
V†	Severe metal-on-metal disease	Represents the so-called bursitis mimicker, often extending posterolaterally with extensive filling of the subtrochanteric bursa, or anteriorly by filling of the iliopectineal bursa, which can extend into the abdominal compartment

*The grading system is from the study by Boomsma et al.⁹. †In the present study, hips with grade-IV or V findings were considered to have a pseudotumor.