

Supplemental Table 1. Joint histology scoring system.

		Synovial Inflammation (0-4)	Synovial Hyperplasia (0-3)	Cartilage Erosion (0-4)	Bone Erosion (0-4)
Score	0	No inflammatory cells	Normal (no inflammatory cells in the joint cavity)	no loss	Normal
	1	Mild infiltration of inflammatory cells in periarticular tissue	Mild synovial hypertrophy (< 5 cell layers) with few inflammatory cells	<10% loss	Minimal erosion
	2	Mild inflammation/edema	Moderate synovial hypertrophy (< 20 cell layers) with accumulation of inflammatory cells into joint cavity	10-50% loss	Multiple erosion
	3	Marked infiltration/edema	Joint cavity totally filled with inflammatory cells	50-80% loss	Cells enter bone (minimal)
	4	Severe infiltration/edema		80-100% loss	Cells enter bone (marked)