

Supplemental Table 1. Synovitis Scoring

Score	Pannus	Synovial membrane thickening	Sub-synovial infiltration
Description	Defined as fibrous tissue/synovium/ inflammatory cell outgrowth spreading over the surface of the bone and/or cartilage at the joint margins.	Scored superior to the meniscal remnant. Score the maximum hyperplasia seen anywhere along this area.	Scored superior to the meniscal remnant.
0	No Pannus	1 cell thick	No infiltrating cells
1	Mild: Pannus has migrated on bone but not encroaching on cartilage.	Mild: 2-3 cells thick	Occasional scattered infiltrating cells or perivascular accumulations.
2	Moderate: Pannus has migrated < 1x cartilage depth.	Moderate: 4-5 cells thick	Focal areas of dense sub-synovial infiltrate, but still predominantly normal sub-synovial areolar connective tissue present.
3	Severe: Pannus has migrated > 1x cartilage depth.	Severe: > 6 cells thick	Widespread dense sub-synovial infiltrate – markedly reduced or little/no normal areolar connective tissue evident or lymphoid follicle formation.

(Modified from Jackson *et al*⁶)