

Transplant Renal Biopsies – Case 17

53 year old female

End stage renal failure. Microscopic polyangiitis. Transplanted 2001. Graft now dysfunctional with rising creatinine. ?Relapse of microscopic polyangiitis? rejection? pANCA positive.

Adequacy:

Number of cores of cortex: [1]

Number of glomeruli [8]

Number of arteries [4]

Adequate for rejection? No

Medulla present No

Adequate for polyomavirus? No

Banff Quantitative Codes:

Glomerulitis: g0

Transplant glomerulopathy: cg0

Mesangial matrix: mm2

Tubulitis: t0

Tubular atrophy: ct1

Interstitial inflammation: i0

Total interstitial inflammation: ti1

Interstitial fibrosis: ci0

Intimal arteritis: v0

Chronic vascular changes: cv0

Arteriolar hyalinosis: aah3

Peritubular capillaritis: ptc0

C4d staining: C4d0

Polyoma virus staining: pv0

Banff Diagnostic Category:

Class 6 – necrotising, crescentic glomerulonephritis and immune complex deposition.