

Transplant Renal Biopsies – Case 10

66 year old female

Chronic pyelonephritis progressed to renal failure. Hypertension. Transplanted 10 years ago. Rising creatinine and proteinuria.

Adequacy:

Number of cores of cortex: [2]

Number of glomeruli [40]

Number of arteries [6]

Adequate for rejection? Yes

Medulla present No

Adequate for polyomavirus? No

Banff Quantitative Codes:

Glomerulitis: g0

Transplant glomerulopathy: cg3

Mesangial matrix: mm3

Tubulitis: t0

Tubular atrophy: ct2

Interstitial inflammation: i0

Total interstitial inflammation: ti0

Interstitial fibrosis: ci2

Intimal arteritis: v0

Chronic vascular changes: cv0

Arteriolar hyalinosis: aah1

Peritubular capillaritis: ptc0

C4d staining: C4d3

Polyoma virus staining: pvl0

Banff Diagnostic Category:

Class 2 - Antibody mediated changes - Chronic active antibody mediated rejection