

## **Transplant Renal Biopsies – Case 5**

18 year old male

Renal transplant. Previous early rejection.

### **Adequacy:**

Number of cores of cortex: [ 2 ]

Number of glomeruli [ 17 ]

Number of arteries [ 4 ]

Adequate for rejection? Yes

Medulla present Yes

Adequate for polyomavirus? Yes

### **Banff Quantitative Codes:**

Glomerulitis: g1

Transplant glomerulopathy: cg0

Mesangial matrix: mm1

Tubulitis: t1

Tubular atrophy: ct1

Interstitial inflammation: i1

Total interstitial inflammation: ti2

Interstitial fibrosis: ci1

Intimal arteritis: v0

Chronic vascular changes: cv0

Arteriolar hyalinosis: aah1

Peritubular capillaritis: ptc0

C4d staining: awaited

Polyoma virus staining: awaited

### **Banff Diagnostic Category:**

Class 3 - Borderline changes - suspicious for acute T-cell-mediated rejection

Class 5 - Interstitial fibrosis and tubular atrophy Grade I

Class 6 – focal arteriolar hyalinosis