

## **Transplant Renal Biopsies – Case 13**

25 year old male

End stage renal failure due to mesangiocapillary glomerulonephritis (type 1). Previous treated with haemodialysis. Transplant. Now creatinine rising. Adenovirus on PCR.

### **Adequacy:**

Number of cores of cortex: [ 2 ]

Number of glomeruli [22 ]

Number of arteries [ 3 ]

Adequate for rejection? Yes

Medulla present Yes

Adequate for polyomavirus? Yes

### **Banff Quantitative Codes:**

Glomerulitis: g0

Transplant glomerulopathy: cg0

Mesangial matrix: mm0

Tubulitis: t - see below

Tubular atrophy: ct0

Interstitial inflammation: i - see below

Total interstitial inflammation: ti -see below

Interstitial fibrosis: ci0

Intimal arteritis: v0

Chronic vascular changes: cv0

Arteriolar hyalinosis: aah0

Peritubular capillaritis: ptc0

C4d staining: C4d0

Polyoma virus staining: pv0

### **Banff Diagnostic Category:**

Class 6 - adenovirus associated tubulo-interstitial nephritis