

## **Transplant Renal Biopsies – Case 12**

43 year old female

Reflux nephropathy. Transplanted. ABO incompatible. Fibromuscular dysplasia of donor arteries. BK nephropathy. Decline in function despite treatment. ?On-going BK nephropathy / rejection?

### **Adequacy:**

Number of cores of cortex: [ 2]

Number of glomeruli [ 7]

Number of arteries [ 1]

Adequate for rejection? No

Medulla present No

Adequate for polyomavirus? No

### **Banff Quantitative Codes:**

Glomerulitis: g0

Transplant glomerulopathy: cg0

Mesangial matrix: mm0

Tubulitis: t3

Tubular atrophy: ct0

Interstitial inflammation: i2

Total interstitial inflammation: ti2

Interstitial fibrosis: ci0

Intimal arteritis: v0

Chronic vascular changes: cv0

Arteriolar hyalinosis: aah0

Peritubular capillaritis: ptc0

C4d staining: C4d3

Polyoma virus staining: pvl3

### **Banff Diagnostic Category:**

Class 2 - Antibody mediated changes - C4d deposition only

Class 6 - Polyomavirus nephropathy stage B