

Transplant Renal Biopsies – Case 4

20 year old male

ABO incompatible donor. Rising creatinine. Micro-angiopathic haemolytic anaemia on blood film. ?Rejection.

Adequacy:

Number of cores of cortex: [2]

Number of glomeruli [25]

Number of arteries [7]

Adequate for rejection? Yes

Medulla present Yes

Adequate for polyomavirus? Yes

Banff Quantitative Codes:

Glomerulitis: g0

Transplant glomerulopathy: cg0

Mesangial matrix: mm0

Tubulitis: t0

Tubular atrophy: ct0

Interstitial inflammation: i0

Total interstitial inflammation: ti0

Interstitial fibrosis: ci0

Intimal arteritis: v0

Chronic vascular changes: cv0

Arteriolar hyalinosis: aah0

Peritubular capillaritis: ptc0

C4d staining: C4d3

Polyoma virus staining: pvl0

Banff Diagnostic Category:

Class 6 - Glomerular features of micro-angiopathic haemolytic anaemia