

IN BRIEF

 VASCULITIS
Management of AAV: updated recommendations

EULAR and the ERA–EDTA have published updated recommendations for the management of anti-neutrophil cytoplasmic antibody-associated vasculitis (AAV). Their recommendations include use of immunosuppressive therapy combined with glucocorticoids for remission induction; cyclophosphamide and rituximab are considered to have similar efficacy. Plasma exchange is recommended for patients with rapidly progressive renal failure or severe diffuse pulmonary haemorrhage.

ORIGINAL ARTICLE Yates, M. *et al.* EULAR/ERA–EDTA recommendations for the management of ANCA-associated vasculitis. *Ann. Rheum.* <http://dx.doi.org/10.1136/annrheumdis-2016-209133> (2016)

 GLOMERULAR DISEASE
Heritability of glycosylated IgA1 levels

Patients with IgA nephropathy have increased serum levels of undergalactosylated IgA1 (gd-IgA1), which has an established role in the development of the disease. In a new study, Lomax-Browne *et al.* measured the serum levels of IgA and gd-IgA1 in 148 healthy female twins, including 27 monozygotic and 47 dizygotic pairs. Using the classic twin model, they showed that serum levels of gd-IgA1 are 80% heritable and those of IgA are 46% heritable.

ORIGINAL ARTICLE Lomax-Browne, H. J. *et al.* IgA1 glycosylation is heritable in healthy twins. *J. Am. Soc. Nephrol.* <http://dx.doi.org/10.1681/ASN.2016020184> (2016)

 TRANSPLANTATION
New Banff consensus criteria for evaluation of preimplantation kidney biopsy samples

The Banff Preimplantation Biopsy Working Group have developed new consensus criteria for the histopathological evaluation of donor kidney biopsy samples prior to transplantation. They report good to fair reproducibility of semi-quantitative scores for glomerulosclerosis, arterial intimal fibrosis and interstitial fibrosis in frozen wedge biopsy samples. Quantification of number of glomeruli was similar in frozen wedge and core biopsy samples but needle biopsy samples showed worse intraclass correlation for glomerulosclerosis, interstitial fibrosis and tubular atrophy. The new criteria include a consensus evaluation form to help to standardize the reporting of histopathological lesions in preimplantation kidney biopsy samples.

ORIGINAL ARTICLE Liapis, H. *et al.* Banff histopathological consensus criteria for pre-implantation kidney biopsies. *Am. J. Transplant.* <http://dx.doi.org/10.1111/ajt.13929> (2016)

 DIABETES
Depression is associated with renal complications

New research has assessed the effect of depression on the risk of developing chronic kidney disease (CKD) in patients with diabetes mellitus (DM). Novak *et al.* examined 933,211 American veterans with DM, of whom 340,806 had depression. They found that depression was associated with a 20% higher risk of developing CKD, increased all-cause mortality, and an increased incidence of cardiac events and stroke. The researchers suggest that intervention studies are needed to evaluate whether treatment of depression in patients with DM can reduce the risk of renal and cardiovascular complications.

ORIGINAL ARTICLE Novak, M. *et al.* Increased risk of incident chronic kidney disease, cardiovascular disease, and mortality in diabetic patients with comorbid depression. *Diabetes Care* <http://dx.doi.org/10.2337/dc16-0048> (2016)