

## Hematological manifestations of IgG4-related disease

Orbital pseudotumor

Lacrimal and salivary glands

Mikulicz disease

Kuttner's tumor

Tracheal stenosis

Riedel's thyroiditis

Thorax

Asthma

Interstitial pneumonitis

Inflammatory pseudotumor (lung, rarely breast)

Pleural disease

Gastrointestinal and biliary

**Autoimmune pancreatitis (type 1)**

Sclerosing cholangitis/cholecystitis

Inflammatory mesenteritis

Gastritis

Hematopoietic and lymphatic tissue

Lymphadenopathy

Eosinophilia

Polyclonal hypergammaglobulinemia

Prostate

Hypophysitis

Hypertrophic pachymeningitis

Upper airways

Allergy and atopy

Nasal polyps

Eosinophilic angiocentric fibrosis

Skin

Erythematous or flesh-colored papules

Cardiovascular

Constrictive pericarditis

Peri-aortitis

Coronary arteritis (rare)

Mediastinal

+  
**Retroperitoneal fibrosis (RPF)**

Renal

Tubulointerstitial nephritis

Membranous

glomerulonephropathy

Obstructive uropathy due to RPF

Pyelitis (rare)

Painful neuropathy

related to RPF or peri-neural infiltrates