

Supplementary Table S1. Demographic, clinical characteristics at the time of chronic periaortitis diagnosis.

Median age, years (IQR)	63 (53-69)
Median age at diagnosis, years (IQR)	54 (46-61)
Male, n (%)	37 (72.5)
Initial symptoms and signs, n(%)	
Abdominal pain, n(%)	18 (35.3)
Flank pain, n(%)	16 (31.4)
Renal failure, n(%)	15 (29.4)
Constitutional symptoms (malaise, fatigue, weight loss, FUO), n(%)	10 (19.6)
Elevated APR (CRP or ESR), n(%)	38 (74.5)
Back pain, n(%)	7 (13.7)
Oliguria/anuria, n(%)	3 (5.9)
Nausea, n(%)	3 (5.9)
Isolated chronic periaortitis, n(%)	19 (37.3)
Other systemic autoimmune diseases, n(%)	0
Organ-specific autoimmune disorders, n(%)	0
IgG4-related periarteritis/retroperitoneal lesions, n(%)	32 (62.7)
Comorbidities	
Hypertension, n(%)	7 (13.7)
Coronary artery disease, n(%)	6 (11.7)
Type 2 diabetes mellitus, n(%)	4 (7.8)
Congestive heart failure, n(%)	3 (5.9)
Benign prostatic hyperplasia, n(%)	3 (5.9)
Asthma, n(%)	1 (1.9)
Chronic obstructive pulmonary disease, n(%)	1 (1.9)
Chronic viral hepatitis, n(%)	1 (1.9)
Median follow-up duration, months (IQR)	39.7 (3.9-60.7)
Laboratory parameters	
Mean (\pm SD) ESR, mm/h	46.8 \pm 34
Mean (\pm SD) CRP, mg/L	51 \pm 64
Mean (\pm SD) serum creatinine, mg/dL	1.2 \pm 0.5

* One patient could have more than one symptom and comorbidities

IQR: Inter Quantile Range, FUO: fever of unknown origin, APR: acute phase reactants, ESR: Erythrocyte sedimentation rate, CRP: C-reactive protein

Supplementary Table S2. Laboratory and clinical parameters of the patients at baseline and last visit.

	Baseline	Last visit	<i>p</i> -value
ESR, mm/h	45.1 \pm 22.6	18.5 \pm 11.7	<0.001
CRP, mg/dL	5.2 \pm 8.5	0.84 \pm 0.11	0.011
Serum creatinine, mg/dL	1.17	0.92	0.649
IgG*	1185 (1016.2-1632.5)	1160 (733-1380)	0.102
IgG4*	181.5 (72.5-483.5)	43.5 (22.0-77.5)	0.002
Renal failure, n (%)**	13 (33.3)	5 (12.8)	0.021

Data were given in mean \pm SD, median (IQR).

*Available in 32 patients. **Renal failure was defined as estimated eGFR<60 ml/min/1.73m².

ESR: erythrocyte sedimentation rate; CRP: C-reactive protein; IgG: immunoglobulin G; IgG4: immunoglobulin G4.