

## IgG4-assoziierte Erkrankungen – was steckt dahinter?

### Maladies à IgG4 – que cachent-elle?

#### Literatur / Références

- 1 Kamisawa T, Funata N, Hayashi Y et al. A new clinicopathological entity of IgG4-related autoimmune disease. *J Gastroenterol* 2003;38(10):982–84.
- 2 Umehara H, Okazaki K, Masaki Y et al. Comprehensive diagnostic criteria for IgG4-related disease (IgG4-RD), 2011. *Mod Rheumatol* 2012;22:21-30
- 3 Nirula A, Glaser SM, Kalled SL et al. What is IgG4? A review of the biology of a unique immunoglobulin subtype. *Curr Opin Rheumatol* 2011;23(1):119–24.
- 4 Schuurman J, Perdok GJ, Mueller GA et al. Mouse/human chimeric IgG1 and IgG4 antibodies directed to the house dust mite allergen Der p 2: use in quantification of allergen specific IgG. *Clin Exp Allergy* 1997;27(9):1095–102.
- 5 Deshpande V, Zen Y, Chan, K et al. Consensus Statement on the pathology of IgG4-related disease. *Mod Pathol* 2012;25(9):1181-92
- 6 Aalberse RC, Stapel SA, Schuurman J et al. Immunoglobulin G4: an odd antibody. *Clin Exp Allergy* 2009;39(4):469–77.
- 7 Sato Y, Notohara K, Kojima M et al. IgG4-related disease: Historical overview and pathology of hematological disorders. *Pathol Int* 2010;60(4):247–58.
- 8 van der Neut Kolfschoten M, Schuurman J, Losen M et al. Anti-inflammatory activity of human IgG4 antibodies by dynamic Fab arm exchange. *Science* 2007;317(5844):1554-7.
- 9 Hawrylowicz CM, O'Garra A. Potential role of interleukin-10-secreting regulatory T cells in allergy and asthma. *Nat Rev Immunol* 2005;5(4):271-83.
- 10 Tanaka A, Moriyama M, Nakashima H et al. Th2 and regulatory immune reactions contributes to IgG4 production and the initiation of Mikulicz's disease. *Arthritis Rheum* 2011 Sep 6 [Epub ahead of print].
- 11 Bateman AC, Deheragoda MG. IgG4-related systemic sclerosing disease – an emerging and under-diagnosed condition. *Histopathology* 2009;55(4):373–83.
- 12 Lindstrom KM, Cousar JB, Lopes MB. IgG4-related meningeal disease: clinico-pathological features and proposal for diagnostic criteria. *Acta Neuropathol* 2010;120(6):765-76.
- 13 Kamisawa T, Anjiki H, Egawa N et al. Allergic manifestations in autoimmune pancreatitis. *Eur J Gastroenterol Hepatol* 2009;21(10):1136–39.
- 14 Sah RP, Pannala R, Zhang L et al. Eosinophilia and allergic disorders in autoimmune pancreatitis. *Am J Gastroenterol* 2010;105(11):2485-91.
- 15 Okazaki K, Umehara H. Are classification criteria for IgG4-RD now possible? The concept of IgG4-related disease and proposal of comprehensive diagnostic criteria in Japan. *Int J Rheumatol* [Epub 2012 May 29].
- 16 Takahashi H, Yamamoto M, Suzuki C et al. The birthday of a new syndrome: IgG4-related diseases constitute a clinical entity. *Autoimmun Rev* 2010(9):591–4.
- 17 Stone J, Zen Y, Deshpande V. IgG4-Related Disease. *N Engl J Med* 2012;366:539-51.
- 18 Hamano H, Shigeyuki K, Horiuchi A et al. High serum IgG4 concentrations in patients with sclerosing pancreatitis. *N Engl J Med* 2001;344(10):732-38.
- 19 Deheragoda MG, Church NI, Rodriguez-Justo M et al. The Use of Immunoglobulin G4 Immunostaining in Diagnosing Pancreatic and Extrapaneatic Involvement in Autoimmune Pancreatitis. *Clin Gastroenterol Hepatol* 2007;5(10):1229-34.
- 20 Hirano K, Komatsu Y, Yamamoto N et al. Pancreatic mass lesions associated with raised concentration of IgG4. *Am J Gastroenterol* 2004;99(10):2038-40.
- 21 Moteki H, Yasuo M, Hamano H et al. IgG4-related chronic rhinosinusitis: a new clinical entity of nasal disease. *Acta Otolaryngol* 2011;131(5):518-26.
- 22 Matsuo T, Ichimura K, Sato Y et al. Immunoglobulin G4 (IgG4)-positive or -negative ocular adnexal benign lymphoid lesions in relation to systemic involvement. *J Clin Exp Hematop* 2010;50(2):129-42.
- 23 Kubota T, Moritani S, Katayama M et al. Ocular adnexal IgG4-related lymphoplasmacytic infiltrative disorder. *Arch Ophthalmol* 2010;128(5):577-84.

- 24 Li Y, Nishihara E, Hirokawa M et al. Distinct clinical, serological, and sonographic characteristics of hashimoto's thyroiditis based with and without IgG4-positive plasma cells. *J Clin Endocrinol Metab* 2010;95(3):1309-17.
- 25 Laco J, Steiner I, Holubec T et al. Isolated thoracic aortitis: clinicopathological and immunohistochemical study of 11 cases. *Cardiovasc Pathol* 2011;20(6):352-60.
- 26 Kasashima S, Zen Y, Kawashima A et al. A clinicopathologic study of immunoglobulin G4-related sclerosing disease of the thoracic aorta. *J Vasc Surg* 2010;52(6):1587-95.
- 27 Cheuk W, Tam FK, Chan AN et al. Idiopathic cervical fibrosis--a new member of IgG4-related sclerosing diseases: report of 4 cases, 1 complicated by composite lymphoma. *Am J Surg Pathol* 2010;34(11):1678-85.
- 28 Umemura T, Zen Y, Hamano H et al. Clinical significance of immunoglobulin G4-associated autoimmune hepatitis. *J Gastroenterol* 2011;46 Suppl 1:48-55.
- 29 Saeki T, Nishi S, Imai N et al. Clinicopathological characteristics of patients with IgG4-related tubulointerstitial nephritis. *Kidney Int* 2010;78(10):1016-23.
- 31 Geyer JT, Ferry JA, Harris NL et al. Chronic sclerosing sialadenitis (Küttner tumor) is an IgG4-associated disease. *Am J Surg Pathol* 2010;34(2):202-10.
- 32 Zen Y, Inoue D, Kitao A et al. IgG4-related lung and pleural disease: a clinicopathologic study of 21 cases. *Am J Surg Pathol* 2009;33(12):1886-93.
- 33 Cheuk W, Chan AC, Lam WL et al. IgG4-related sclerosing mastitis: description of a new member of the IgG4-related sclerosing diseases. *Am J Surg Pathol* 2009;33(7):1058-64.
- 34 Kasashima S, Zen Y, Kawashima A et al. A new clinicopathological entity of IgG4-related inflammatory abdominal aortic aneurysm. *J Vasc Surg* 2009;49(5):1264-71.
- 35 Ebbo M, Grados A, Bernit E et al. Pathologies associated with serum IgG4 elevation. *Int J Rheumatol* 2012 [Epub Aug 26].
- 36 Masaki Y, Kurose N, Yamamoto M et al. Cutoff values of serum IgG4 and histopathological IgG4+ plasma cells for diagnosis of patients with IgG4-related disease. *Int J Rheumatol* 2012 [Epub 2012 May 10].
- 37 Khosroshahi A, Stone JH. Treatment approaches to IgG4-related systemic disease. *Curr Opin Rheumatol* 2011;23(1):67-71.
- 38 Ghazale AH, Chari ST, Vege SS. Update on the diagnosis and treatment of autoimmune pancreatitis. *Curr Gastroenterol Rep* 2008;10(2):115-21.
- 39 Kamisawa T, Shimosegawa T, Okazaki K et al. Standard steroid treatment for autoimmune pancreatitis. *Gut* 2009;58(11):1504-07.