



Anti-Glomerular basement membrane autoantibodies

Synonyms α 3-(IV)-NC1, NC1-GPA (NC1: non collagenous domain of the C-terminal of collagen type IV; GPA: Goodpasture antigen)

Indications

- ▶ Goodpasture syndrome
- ▶ Rapid progressive glomerulonephritis
- ▶ Necrotizing crescentic pauciimmunologic glomerulonephritis (NCPI)
- ▶ DD: ANCA-associated vasculitis Wegener's granulomatosis, microscopic polyangiitis, Churg Strauss syndrome, systemic lupus erythematoses, Schönlein Henoch syndrome, essential mixed cryoglobulinemia, renal vein thrombosis, pulmonary embolism, cardiac insufficiency, uremia.
- ▶ Because of the not infrequent coincidence of ANCA and anti-basement membrane antibodies (10 - 38 %) and due to the similarity of clinical manifestations in Wegener's disease and other forms of vasculitis it is recommended in cases of primary investigations also to perform an additional ANCA-test.

see also ▶ [Autoantibodies in glomerulopathies](#)

Further associations

Krankheitsbilder		Autoren
Silikose	Zementarbeiter	Beshir S et al. 2015

Literatur Beshir S, Shaheen WA, Elserougy S, Aziz HM: Serum autoantibodies in silicosis and non-silicosis cement workers. Am J Ind Med (2015); Epub ahead of print (PMID: [25564983](#)).