PATHWAY TO DIAGNOSIS: ANCA-ASSOCIATED VASCULITIS





Vasculitis Foundation Canada Fondation Vasculites Canada contact@vasculitis.ca | www.vasculitis.ca 1-877-572-9474

CanVasc Canadian vasculitis research network admin@canvasc.ca | www.canvasc.ca

Which type of ANCA-associated vasculitis do I most likely have?

- Severe nasal crusting
- Saddle nose deformity
- Recurrent sinus or ear infections
- Rapid hearing loss
- Lung infiltrates or bloody sputum
- Rapidly progressive kidney failure (dark frothy urine)

- Rapidly progressive kidney failure (dark frothy urine)
- Lung infiltrates or bloody sputum
- Interstitial lung disease
- Peripheral neuropathy
- Rapid hearing loss

- Nasal polyps
- New adult-onset asthma
- Recurrent hives
- New heart failure
- Peripheral neuropathy
- High eosinophils on blood tests

Other possible shared features:

- Painful, red eyes
- Breathing difficulties
- Skin petechiae or purpura
- Skin ulcers

- Painful or swollen joints
- Muscle aches
- Abdominal discomfort or nausea
- Ankle and feet swelling

- Severe fatigue
- Unexpected weight loss
- Low-grade fevers
- Night sweats

Lab tests





Biopsy



Others (Scopes, EMG, PFTs)

p/MPO-ANCA

c/PR3-ANCA

Suspect...

Granulomatosis with polyangiitis (GPA)

- 90% of systemic GPA are ANCA-positive
- Up to 70% of limited GPA are ANCA-positive (disease mostly limited to sinuses, nose and throat tissues)

Suspect...

Microscopic polyangiitis (MPA)

- 90% of MPA are ANCA-positive
- 95% have kidney involvement
- 1 in 5 need dialysis
- Lower relapse rate than GPA

Eosinophilic granulomatosis with polyangiitis (EGPA)

- 40% are p/MPO-ANCA-positive
- ANCA-negative patients have more frequent heart involvement
- ANCA-positive patients have more frequent skin, kidney, lung and nerve involvement

N.B.: This information is intended for patient education, and for discussion with their physician(s). It is NOT a substitute for medical advice. Changes in treatment, based on this material, should always be reviewed with, and approved by, your physician(s). We encourage vasculitis patients to journal their progress, track their symptoms and know their medications, and lab and test results. © Vasculitis Foundation Canada June 2021 – Last updated May 2021