Angiopathie, Vaskulitis

Diseases and findings by changes in the vessels https://en.wikipedia.org/wiki/Angiopathy
Erkrankungen und Befunde durch Veränderungen der Gefäße http://de.wikipedia.org/wiki/Angiopathie

bei Arteriolen und Kapillaren als **Mikroangiopathie** http://de.wikipedia.org/wiki/Mikroangiopathie

bei großen Gefäßen als **Makroangiopathie**, http://de.wikipedia.org/wiki/Arteriosklerose,

bei Venen, als **Venopathie** http://de.wikipedia.org/wiki/Vene

bei Lymphgefäßen, als **Lymphangiopathie** http://de.wikipedia.org/wiki/Lymphgef%C3%A4%C3%9F.

Mikroangiopathie http://de.wikipedia.org/wiki/Mikroangiopathie

1. Primary systemic vasculitis
z. B. **c and p-ANCA-associated vasculitis** z. B. Wegener's granulomatosis. Polyangiitis. Churg-Strauss. Cold antibody disease. Henoch-Schönlein Purpura. Cutaneous polyarteritis nodosa.

2. Secondary systemic vasculitis
eg., **rheumatoid arthritis, dermatomyositis. Sarcoidosis. Infection with EBV, CMV, HSV**, Coxsackie virus, HTLV-1, HCV, HBV, **chlamydia, mycoplasma, Borrelia**, the causative agent of leprosy. MOTs, porphyromonas gingivalis. Systemic lupus erythematosus. Sjögren's syndrome. Systemic sclerosis. Behcet's disease. **Malignant tumors**. Inflammatory bowel disease. Vasculitis with urticaria by Complement deficiency states, drugs.

3. Non-systemic or local vasculitis
z. B. **diabetic angiopathy** as diabetic retinopathy, diabetic than glomerulo sclerosis, diabetic neuropathic and as peripheral diabetic angiopathy with ulcers and gangrene in the legs

1. Primäre systemische Vaskulitiden
z. B. **c- und p-ANCA assoziierte Vaskulitiden** z. B. Wegenersche Granulomatose. Polyangiitis. Churg-Strauss. Kälteantikörper Krankheit. Purpura Schönlein-Hennoch. Kutane Polyarteriitis nodosa.

2. Sekundäre systemische Vaskulitiden
z. B. **Rheumatoide Arthritis**, **Dermatomyositis**. **Sarkoidose**. **Infektionen mit EBV**, **CMV**, **HSV**, Coxsackie Virus, HTLV-1, HCV, HBV, **Chlamydien, Mykoplasmen, Borrelien**, dem Erreger der Lepra. MOTs, porphyromonas gingivalis. Systemischer Lupus erythematodes. Sjögrens Syndrom. Systemische Sklerose. Morbus BehCet. **Bösartige Tumore**. Entzündliche Darmerkrankungen. Vaskulitis mit Urtikaria durch Complement-Mangelzustände, Drogen.

3. Nichtsystemisch oder lokale Vaskulitiden
z. B. **diabetischen Angiopathie** als diabetische Retinopathie, als diabetische Glomerulo-Sklerose, als diabetische Neuropathie und als periphere diabetische Angiopathie mit Ulcera und Gangrän an den Beinen.

In Anlehnung an Quelle, source: www.thelancet.com/neurology Vol 13 January 2014

The blood vessel texture is locally very different durable. It has been formed from the surrounding tissue in the embryonic period. Die Blutadertextur ist lokal sehr unterschiedlich strapazierfähig. Sie bildete sich in der Embryonalzeit aus dem sie umgebenden Gewebe.

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"Vasculitis affecting the peripheral nerves is commonly seen in patients with primary systemic vasculitis and can also result from vasculitis secondary to connective tissue diseases, viral infections, or malignancies. Not uncom-monly (30% of reported cases), vasculitis is confined to the nerves and possibly also the adjacent muscles, an entity termed NSVN. DLRPN, LRPN, DCRPN, and painless diabetic motor neuropathy are emerging as additional non-systemic vasculitic neuro pathies with predominant micro vasculitic involvement. Neurologists should have the ability to diagnose, classify, and appropriately treat vasculitic neuropathy… See: Panel 1: Classification of vasculitides associated with neuropathy".

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e. g. Giant cell arteritis. Atherosclerosis, arterial occlusive disease (AOD) (stroke, myocardial infarction, intermittent claudication (peripheral arterial disease (PVK)), aortic aneurysm).

z. B. Riesenzell Arteriitis. Arteriosklerose, Arterielle Verschlusskrankheit (AVK) (Schlaganfall, Herzinfarkt, Schaufenster Krankheit (periphere arterielle Verschlusskrankheit (PVK)), Aortenaneurysma).

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"Our findings suggest a relationship between AAAs and B. burgdorferi sl. We hypothesize that the underlying mechanism for B. burgdorferi sl in AAA formation is similar to that by the spirochete Treponema pallidum; alternatively, AAAs could develop due to induced autoimmunity via molecular mimicry due to similarities between some of the B. burgdorferi sl proteins and aortic proteins."

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http://www.neurology.org/content/84/19/1948
"Most GCA-positive TAs contained VZV [Varicella-zoster virus**] in skip areas that correlated with adjacent GCA pathology, supporting the hypothesis that VZV triggers GCA immunopathology.Antiviral treatment may confer additional benefit to patients with GCA treated with corticosteroids, although the optimal antiviral regimen remains to be determined."**

- ➔ **Herzkrankheit** http://www.xerlebnishaft.de/herzkrankheit.pdf
- ➔ **Bakterienpleomorphie, L-Formen und Horizontaler Gentransfer**
  http://www.erlebnishaft.de/stressvar1.pdf http://www.erlebnishaft.de/stressvar2.pdf

Venen, Venopathie http://de.wikipedia.org/wiki/Vene

e. g. Hemorrhoids bleeding, varicose veins. Venous thrombosis.

z. B. Hämorrhoidenbluten, Krampfaderleiden. Venöse Thrombosen.

- ➔ **Antikoagulation** http://www.kabilahsystems.de/hyperkoagulation.pdf

Lymphgefäße http://de.wikipedia.org/wiki/Lymphgef%C3%A4%C3%9F

e. g. Lymphangiopathie, edema, elephantiasis.

z. B. Lymphangiopathie, Ödeme, Elephantiasis.

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Entzündungshemmstoffe, inflammation inhibitors

- ➔ **H2, V-ATPase, intakter O2- und Zuckerstoffwechsel** http://www.kabilahsystems.de/ph.pdf
- ➔ **Antibiotika** http://www.kabilahsystems.de/antibiosetherapieplan.pdf
- ➔ **Biogene Amine und Peptide** http://www.kabilahsystems.de/biogeneamineundpeptide.pdf
- ➔ **Fettsäuren** http://www.kabilahsystems.de/ungesaettfetts.pdf
- ➔ **Polyphenole** http://www.kabilahsystems.de/polyphenole.pdf

- **Vitamin D3, Vitamin E, Vitamin B12, B-Vitamine ...** http://www.xerlebnishaft.de/vitamine.pdf

- **Mitochondrien** http://www.kabilahsystems.de/q10_und_l.pdf
- **Zytoskelett** http://www.xerlebnishaft.de/zytoskelett.pdf

- **Borreliose und Ko-Infektionen, Lymphom, Neoplasma**
  http://www.xerlebnishaft.de/borrel_inflam_lymphom_neopl.pdf

Back to top: http://www.xerlebnishaft.de/angiopathie.pdf