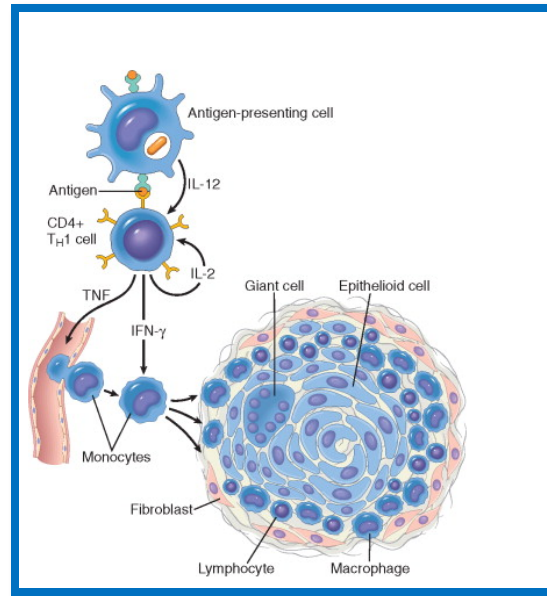


Vasculitis



Large Vessel (Granulomatous)

GCA/TA



Takayasu

Medium Vessel

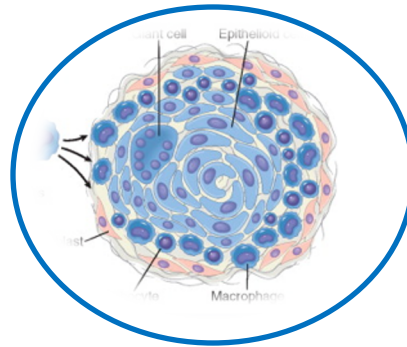
PAN

Kawasaki

Large Vessel (Granulomatous)

GCA/TA

PMR, ESR,
'Blindness'



Takayasu

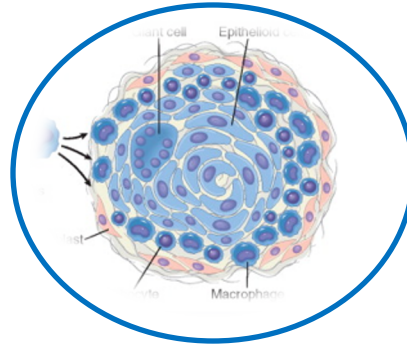
Young, Asian
Pulse deficit

Take Less Notes...

Large Vessel (Granulomatous)

GCA/TA

PMR, ESR,
'Blindness'



Takayasu

Young, Asian
Pulse deficit

Medium Vessel

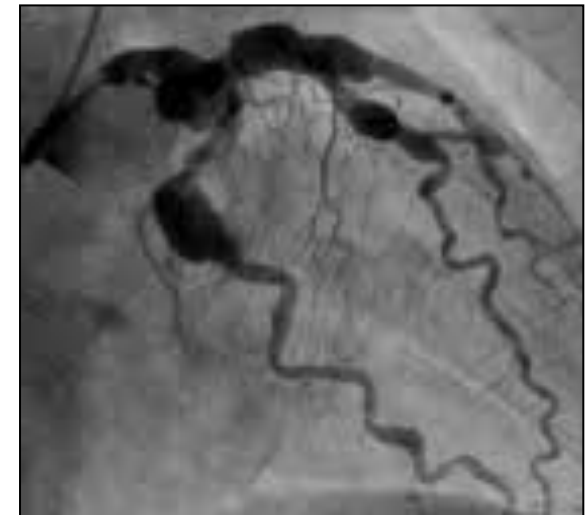
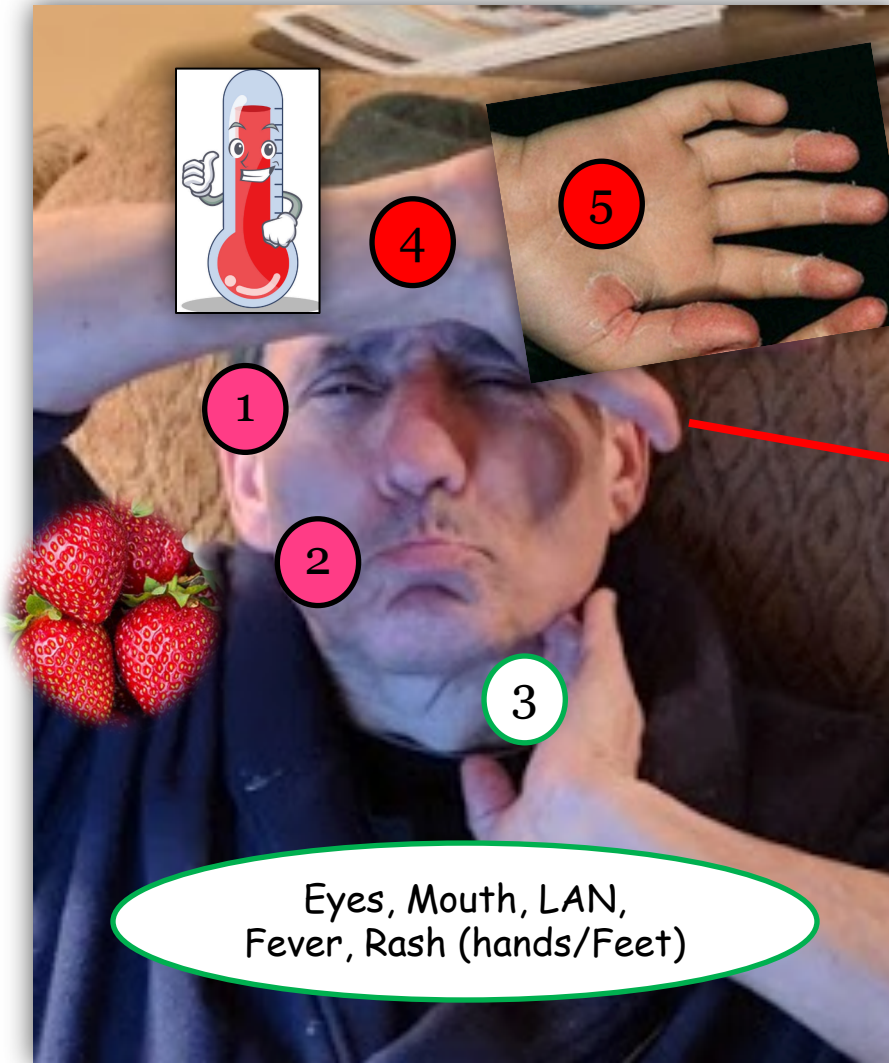
PAN

Fibrinoid necrosis,
Multisystem, Hep B Assoc

Kawasaki (5)

Eyes, Mouth, Hands/Feet
LAN, Fever

Kawasaki (5)



Coronary Artery Aneurysm

Small Vessel Vasculitis
There are a million; I can't learn these...



Small Vessel Vasculitis

ANCA (+)

P

MPA
Churg Strauss

C

GPA
(Wegener's)

Small Vessel Vasculitis

ANCA (+)

ANCA (-)

P

C

MPA
Churg Strauss

GPA
(Wegener's)

anti-GBM
(Goodpastures)

Small Vessel Vasculitis

ANCA (+)

P

MPA
Churg Strauss

ANCA (-)

C

GPA
(Wegener's)

anti-GBM
(Goodpastures)

IgA - HSP

Small Vessel Vasculitis

ANCA (+)

ANCA (-)

IgA - HSP

P

C

MPA
Churg Strauss

GPA
(Wegener's)

anti-GBM
(Goodpastures)

Toxin Associated

Multisystem Associations

Drugs

Nicotine

SLE

RA

Small Vessel Vasculitis

ANCA (+)

ANCA (-)

IgA - HSP

P

C

MPA
Churg Strauss

GPA
(Wegener's)

anti-GBM
(Goodpastures)

Toxin Associated

Drugs

Nicotine

Multisystem Associations

SLE

RA

Small Vessel Vasculitis

ANCA (+)

ANCA (-)

IgA - HSP

P

C

MPA
Churg Strauss

GPA
(Wegener's)

anti-GBM
(Goodpastures)

Toxin Associated

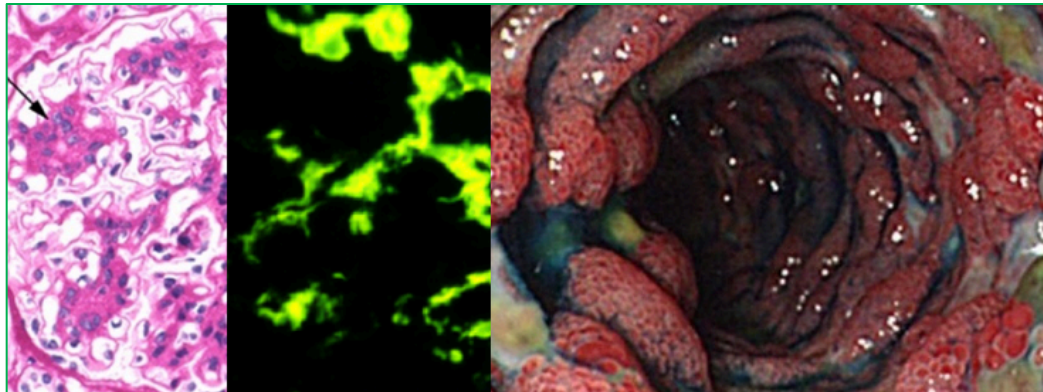
Drugs

Nicotine

Small Vessel Vasculitis

IgA Vasculitis with Nephritis (IgA-VN) (*Henoch-Schonlein Purpura, HSP*)

IgA
Nephropathy



GI symptoms
(*bleeding, pain*)

Palpable
Purpura



Arthralgia/
Arthritis

Small Vessel Vasculitis

ANCA (+)

ANCA (-)

P

C

MPA
Churg Strauss

GPA
(Wegener's)

anti-GBM
(Goodpastures)

Toxin Associated

Drugs

Nicotine

Small Vessel Vasculitis

ANCA (+)

P

MPA
Churg Strauss

(C) ANCA (-)

GPA
(Wegener's) anti-GBM
(Goodpasture's)

Pulmonary-Renal
Syndromes

↓

Toxin Associated

Drugs

Nicotine



RPGN: ↑ BUN/Cr



ANCA (+)

P
MPA
Churg Strauss



Asthma (predates syndrome)
Rhinosinusitis

Churg Strauss - *Multisystem*

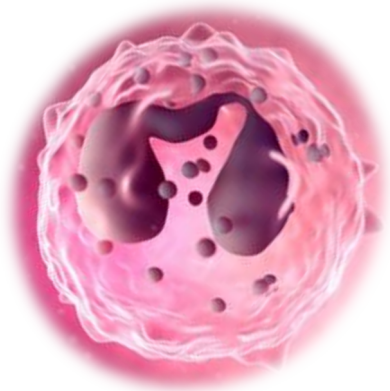
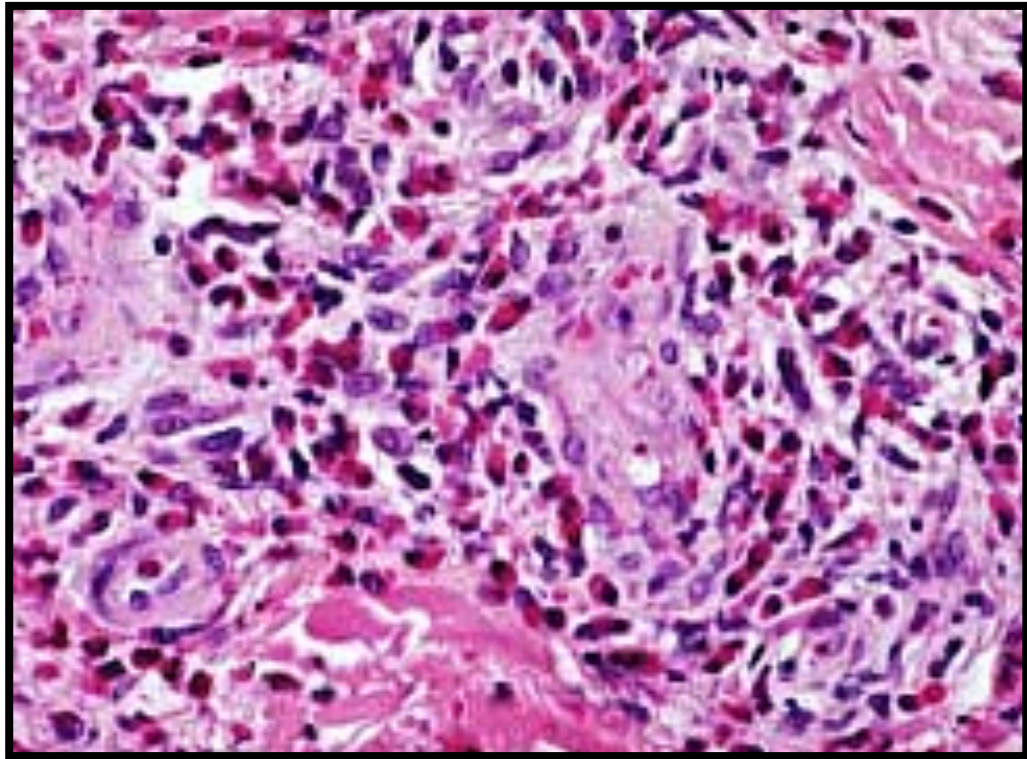


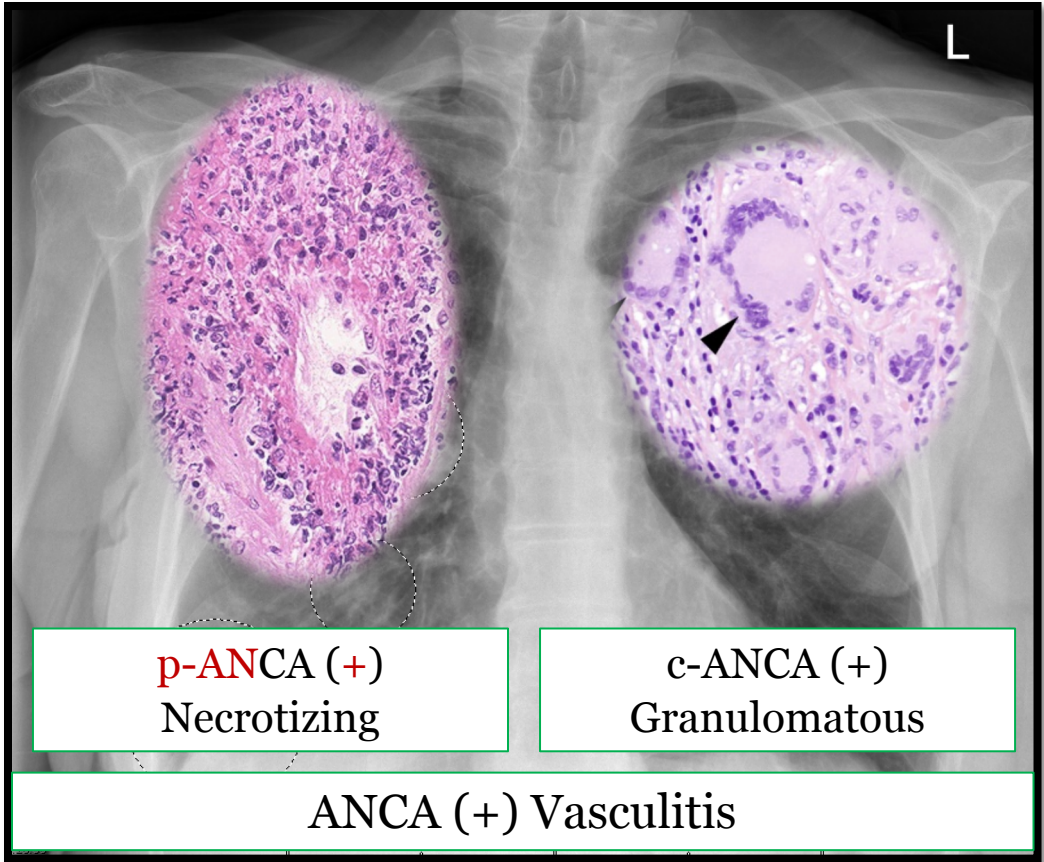
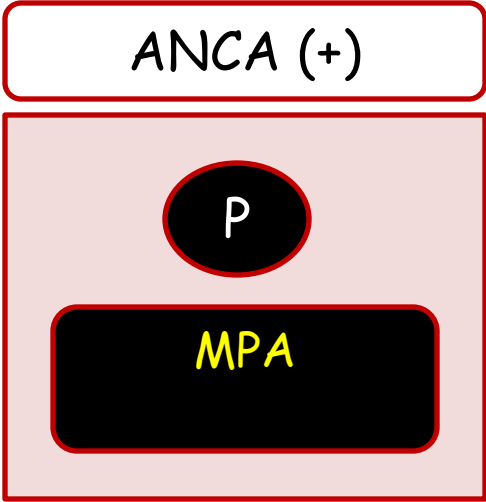
ANCA (+)

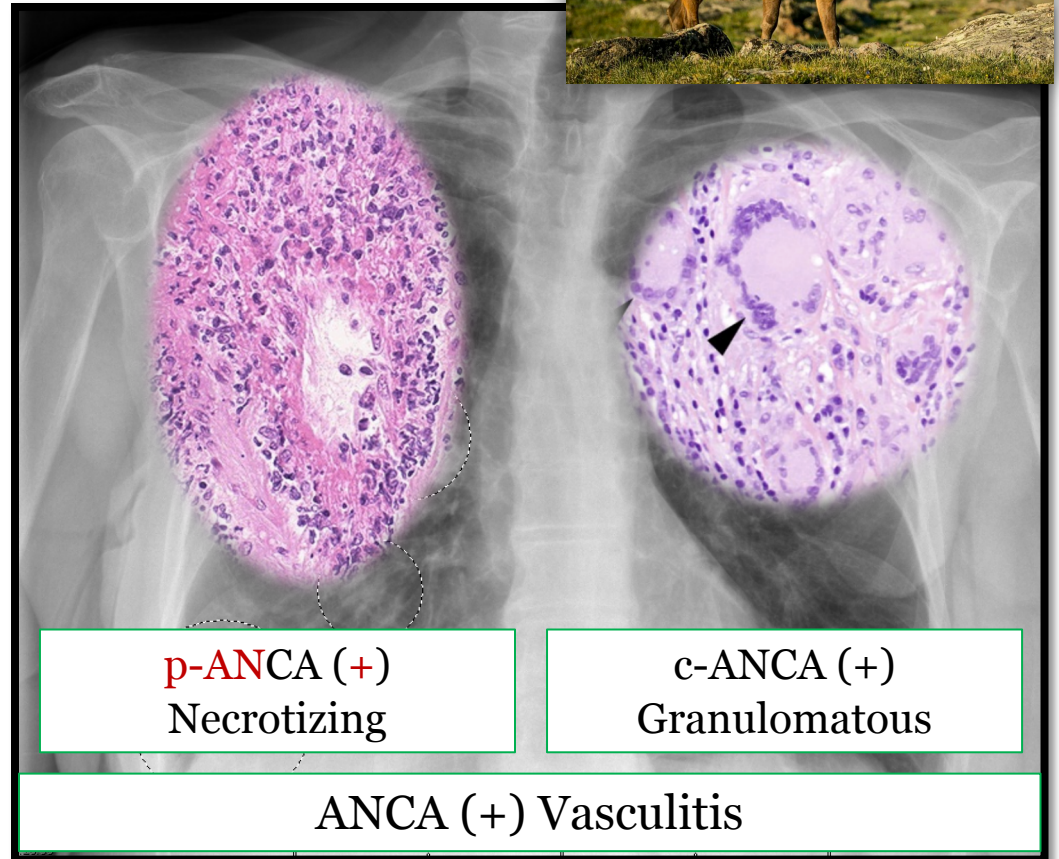
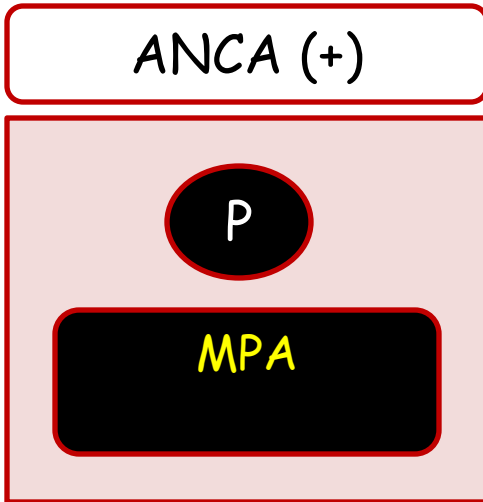
P

MPA
Churg Strauss

Churg Strauss - Eosinophilic Vasculitis:
Inflammatory infiltrate around the
involved vessel (*not in vessel wall*)







| | |
|-------------------------------------|----------------------------------|
| MPO (myeloperoxidase) Pathogenic | Proteinase 3 (PR3) ELK |
|-------------------------------------|----------------------------------|

Toxin Associated: *Nicotine*

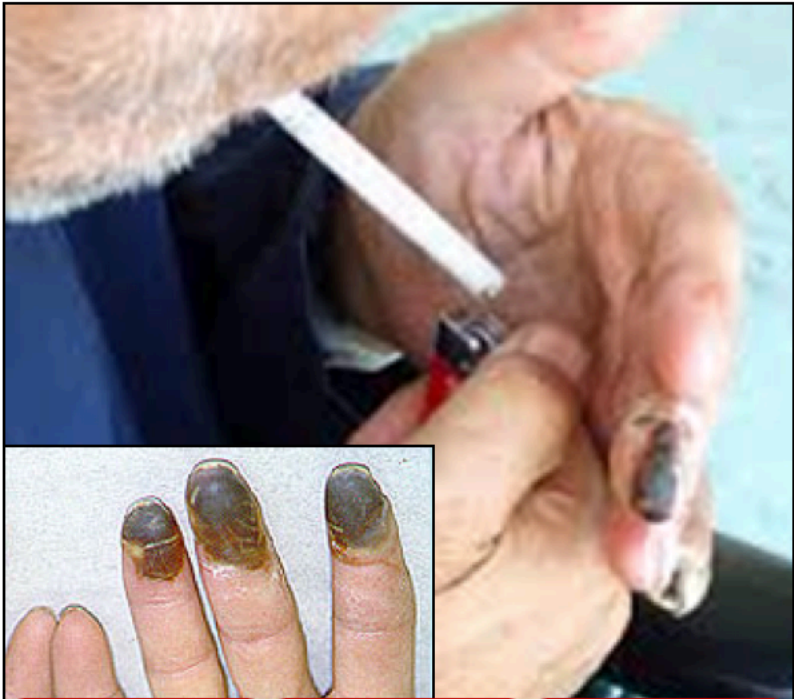


Phase I:
Thromb

Phase II:
Angiitis

Phase III:
Obliterans

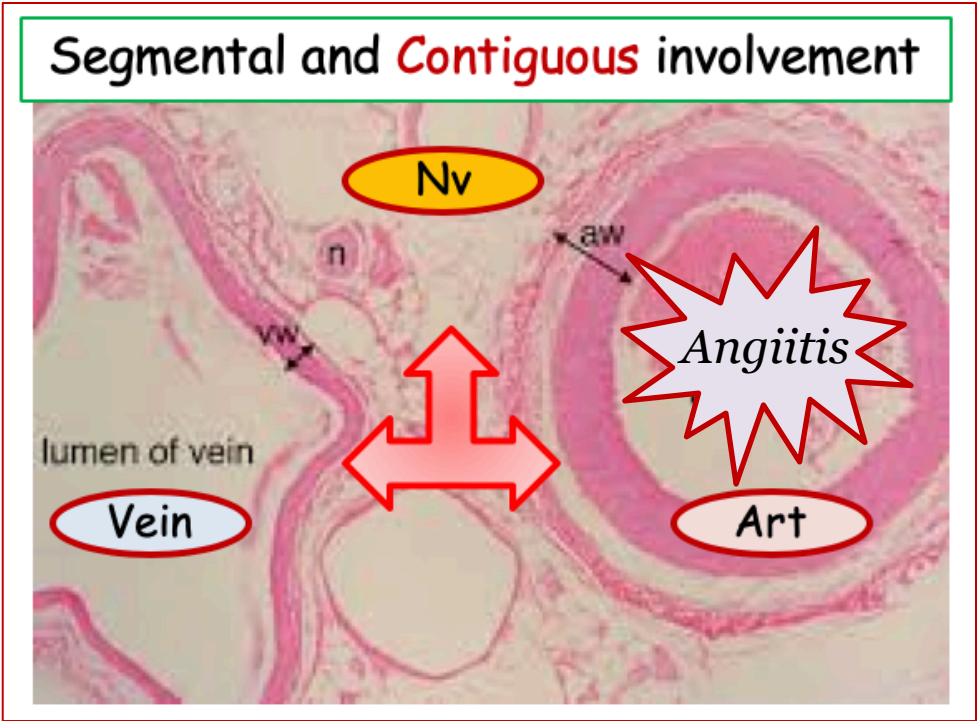
Toxin Associated: *Nicotine*



Phase I:
Thromb

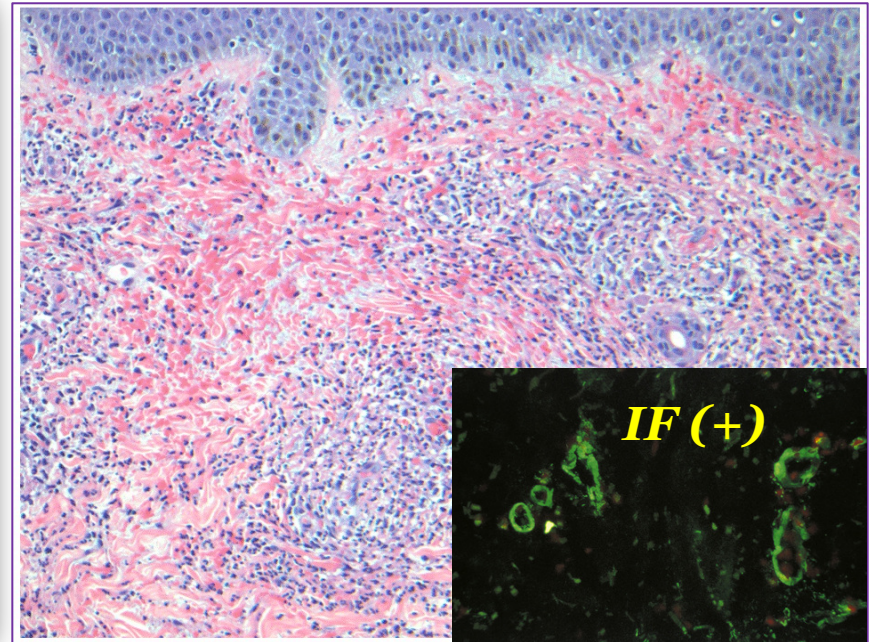
Phase II:
Angiitis

Phase III:
Obliterans



Toxin Associated: *Drugs*

(Cutaneous) Leukocytoclastic Vasculitis
IC deposition → *postcapillary venule*



Small Vessel Vasculitis

There aren't a million; Piece o' Cake!

ANCA (+)

ANCA (-)

IgA - HSP (4)

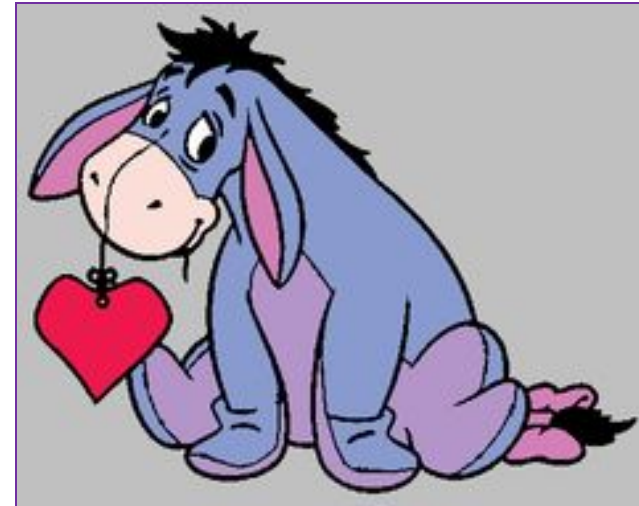
P

C

MPA
Churg Strauss

GPA
(Wegener's)

anti-GBM
(Goodpastures)



Toxin Associated

Drugs

*Leukocytoclastic
Vasculitis*

Nicotine

*Thrombangiitis
Obliterans*

Multisystem Associations

SLE

RA