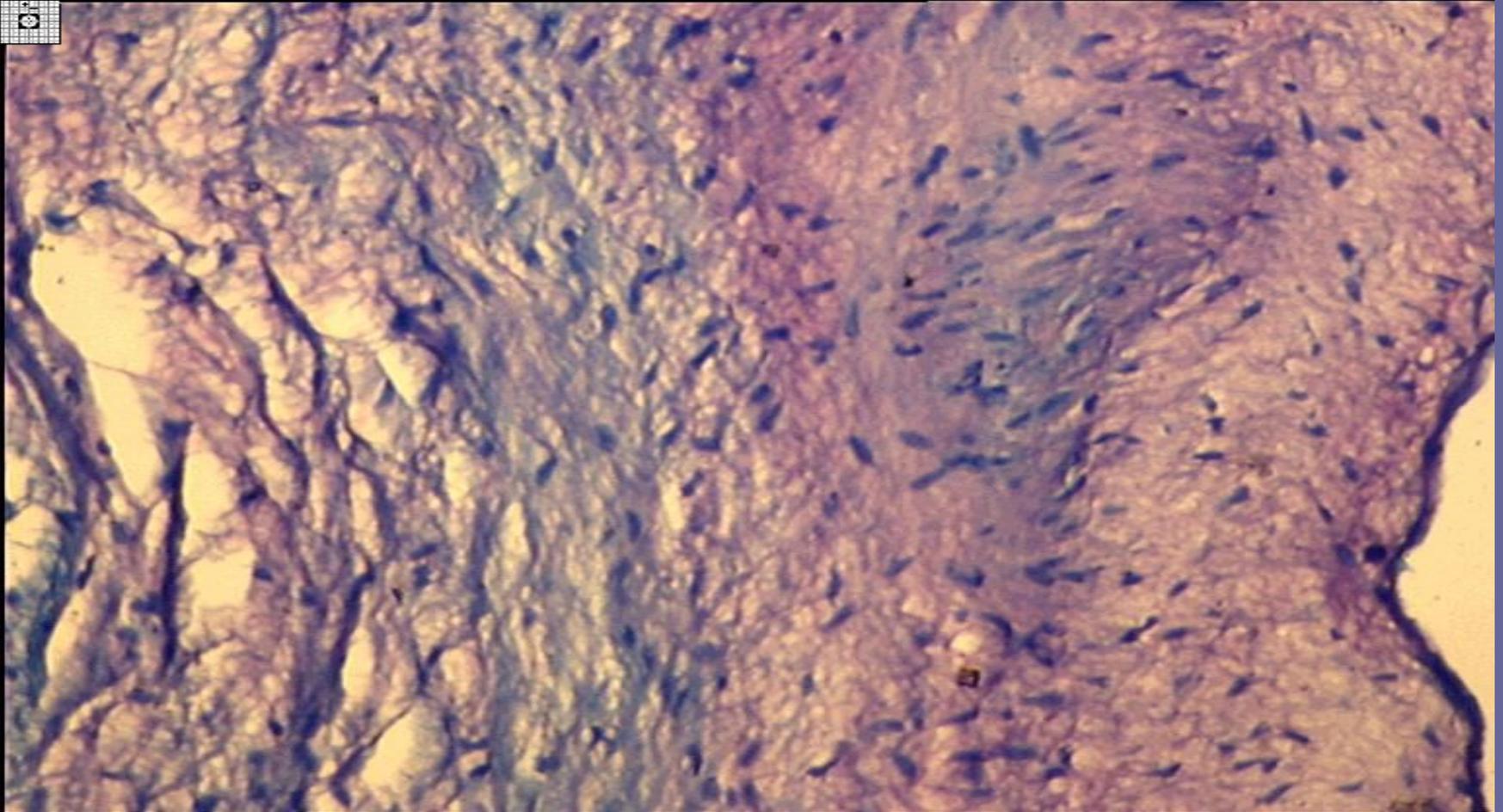


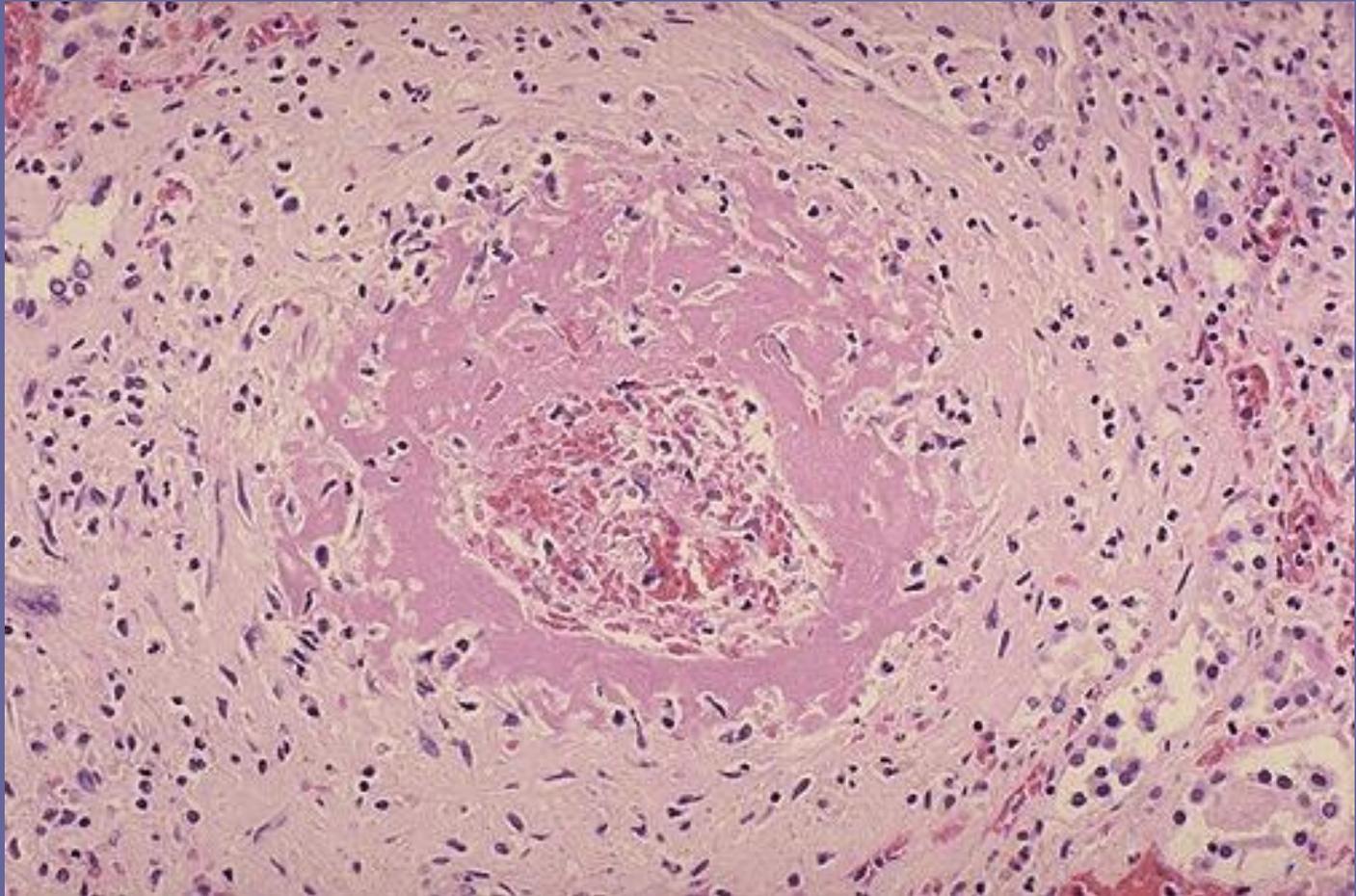
Сосудисто-стромальные дистрофии

Сосудисто-стромальные дистрофии



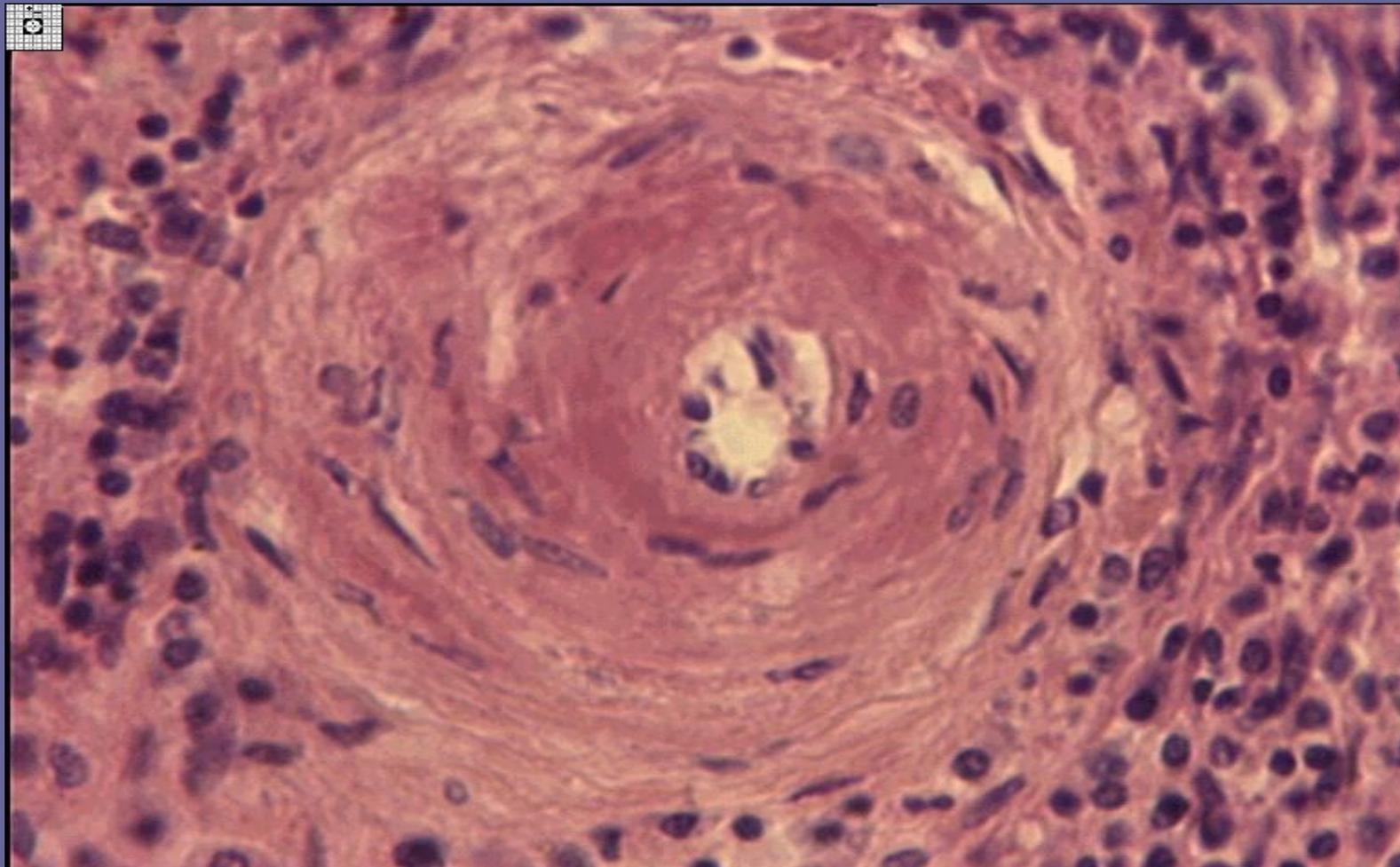
Мукоидное набухание в клапане при ревматизме

Сосудисто-стромальные дистрофии



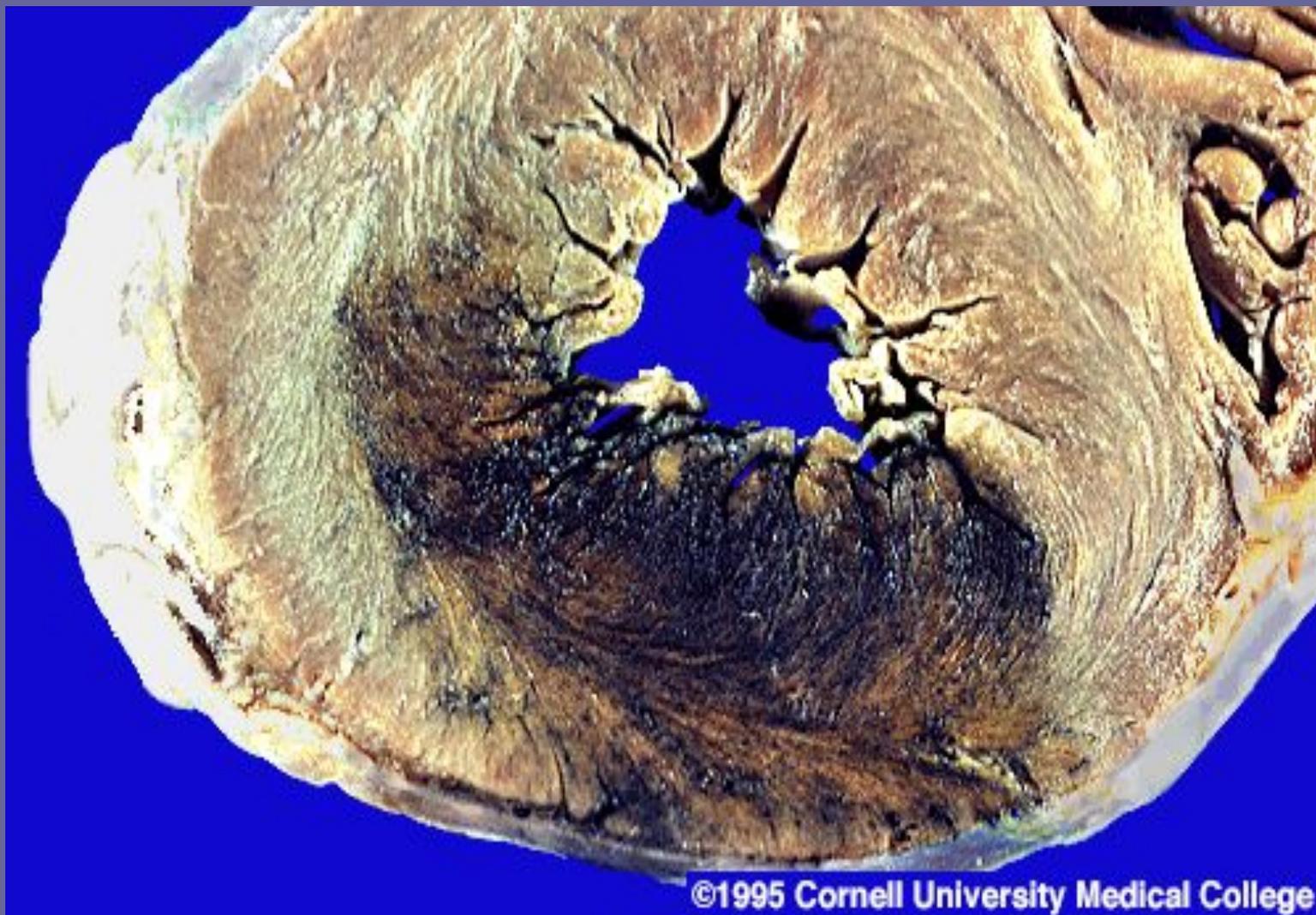
Фибриноидный некроз стенки артерии при злокачественной гипертензии

Сосудисто-стромальные дистрофии



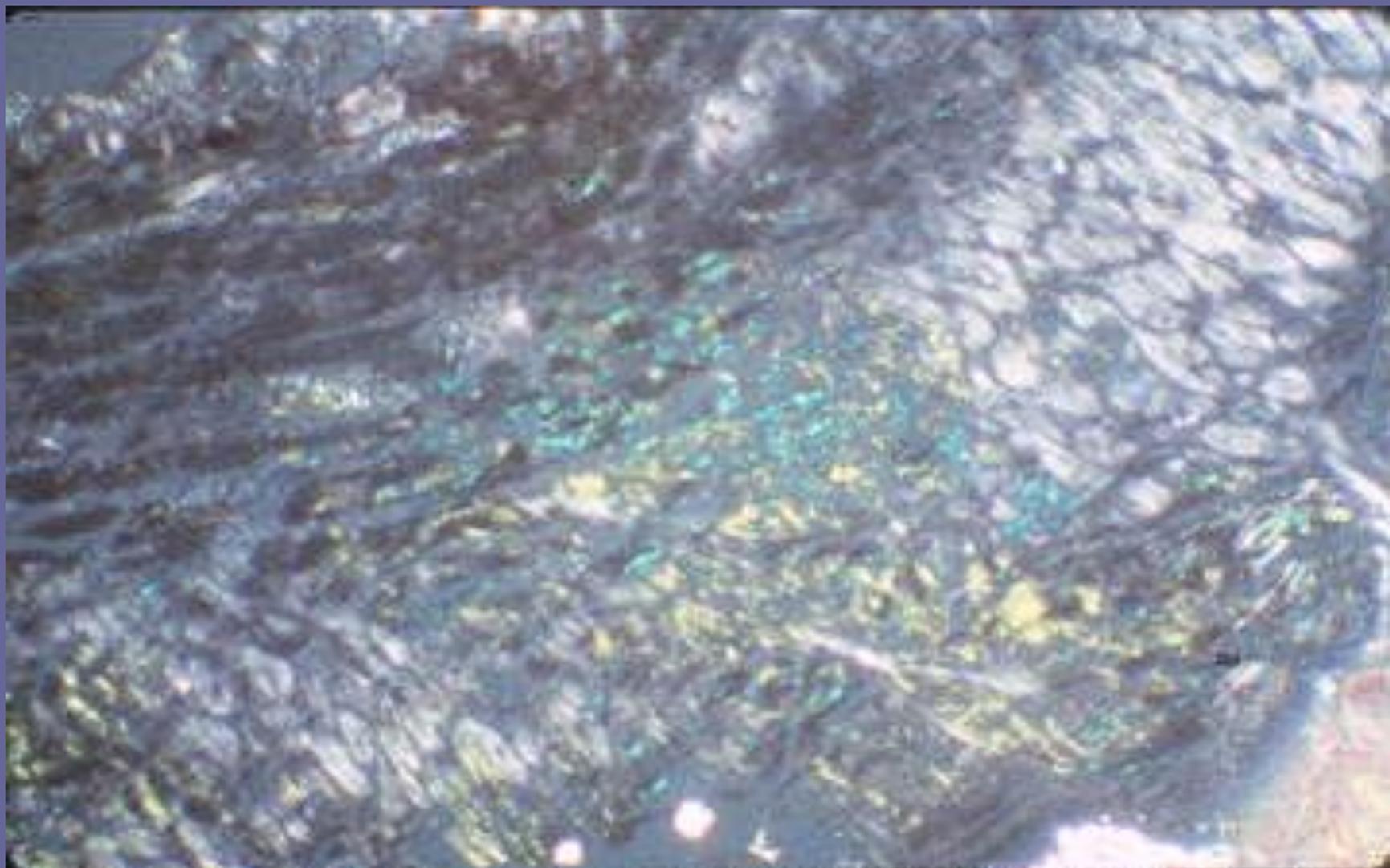
Гиалиноз стенки артериолы селезенки

Амилоидоз сердца (окраска Люголем)



©1995 Cornell University Medical College

Амилоид (окраска конго-рот, в поляризационном свете)



THE HUMAN AMYLOIDOSES

	FIBRIL PROTEIN	MAIN CLINICAL SETTINGS
Systemic	Immunoglobulin L-chains	Plasma-cell disorders
	Transthyretin (TTR)	Familial amyloid, SCA
	AA	Inflammation-associated, FMF
	β_2 microglobulin	Dialysis-associated amyloidosis
	Immunoglobulin H-chains	Systemic amyloidosis
Hereditary renal	Fibrinogen α chain	Familial systemic amyloid
	Apolipoprotein AI	Familial systemic amyloid
	Lysozyme	Familial systemic amyloid
CNS	β protein precursor	Alzheimer, Down, HCHWA-Dutch
	Prion protein	CJD, GSSD, FFI
	Cystatin C	HCHWA-Icelandic type
Ocular	Gelsolin	Familial amyloidosis-Finnish
	Lactoferrin	Familial corneal amyloidosis
	Kerato-epithelin	Familial corneal dystrophies
Localized	Calcitonin	Medullary thyroid carcinoma
	Amylin (IAPP)	Insulinoma, type II diabetes
	Atrial natriuretic factor	Isolated atrial amyloidosis
	Prolactin	Pituitary amyloid
	Keratin	Cutaneous amyloidosis
	Medin	Aortic amyloidosis in elderly

Amyloid Formation

*Unknown Stimulus
Carcinogen?*



Monoclonal B-Lymphocyte
Proliferation



Plasma Cells



Immunoglobulin Light
Chains



Limited
Proteolysis

AL PROTEIN

*Chronic
Inflammation*



Macrophage Activation
Interleukins 1 and 6



Liver Cells



SAA Protein



Limited
Proteolysis

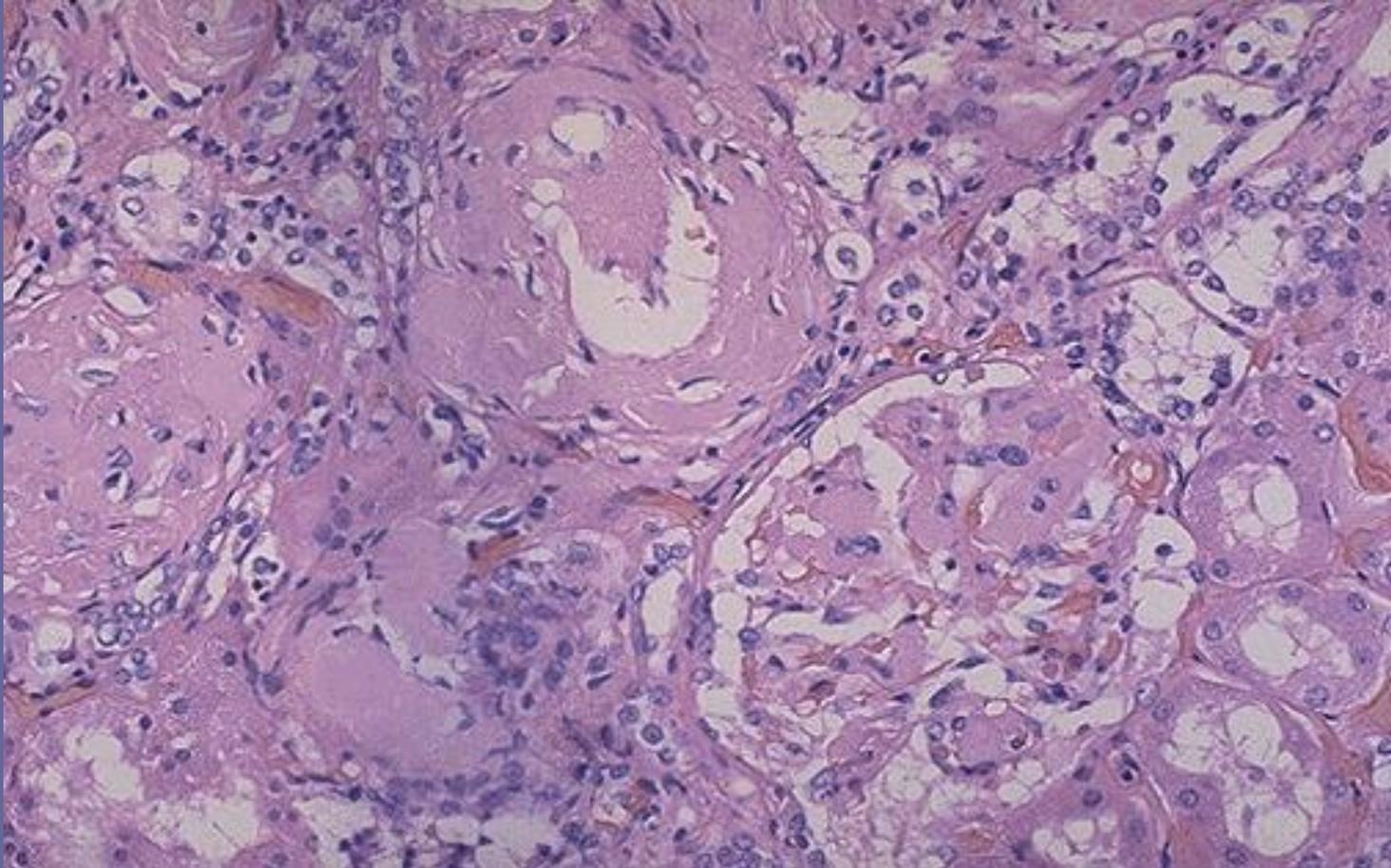
AA PROTEIN

Сосудисто-стромальные дистрофии



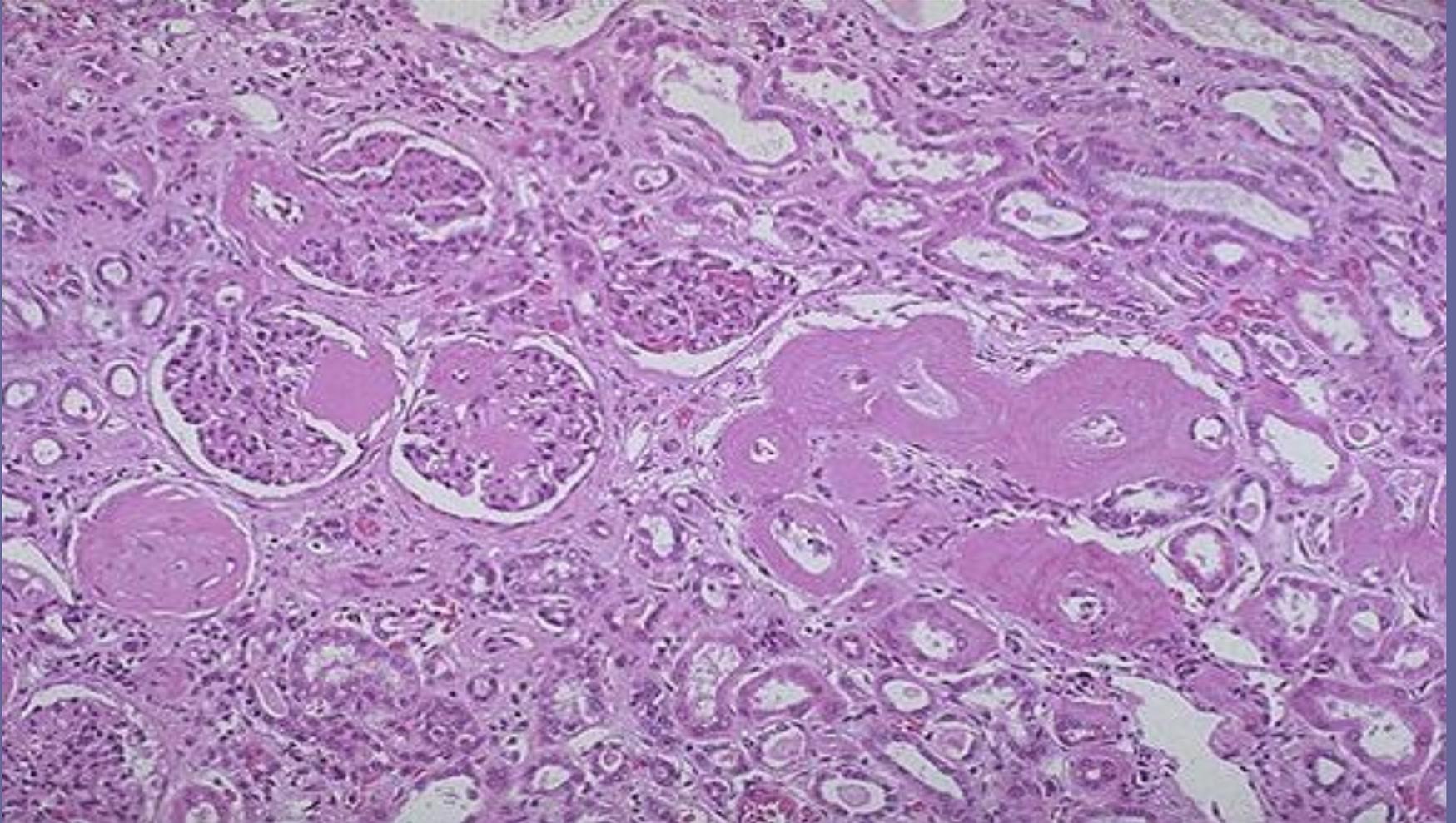
Амилоидоз почки

Сосудисто-стромальные дистрофии



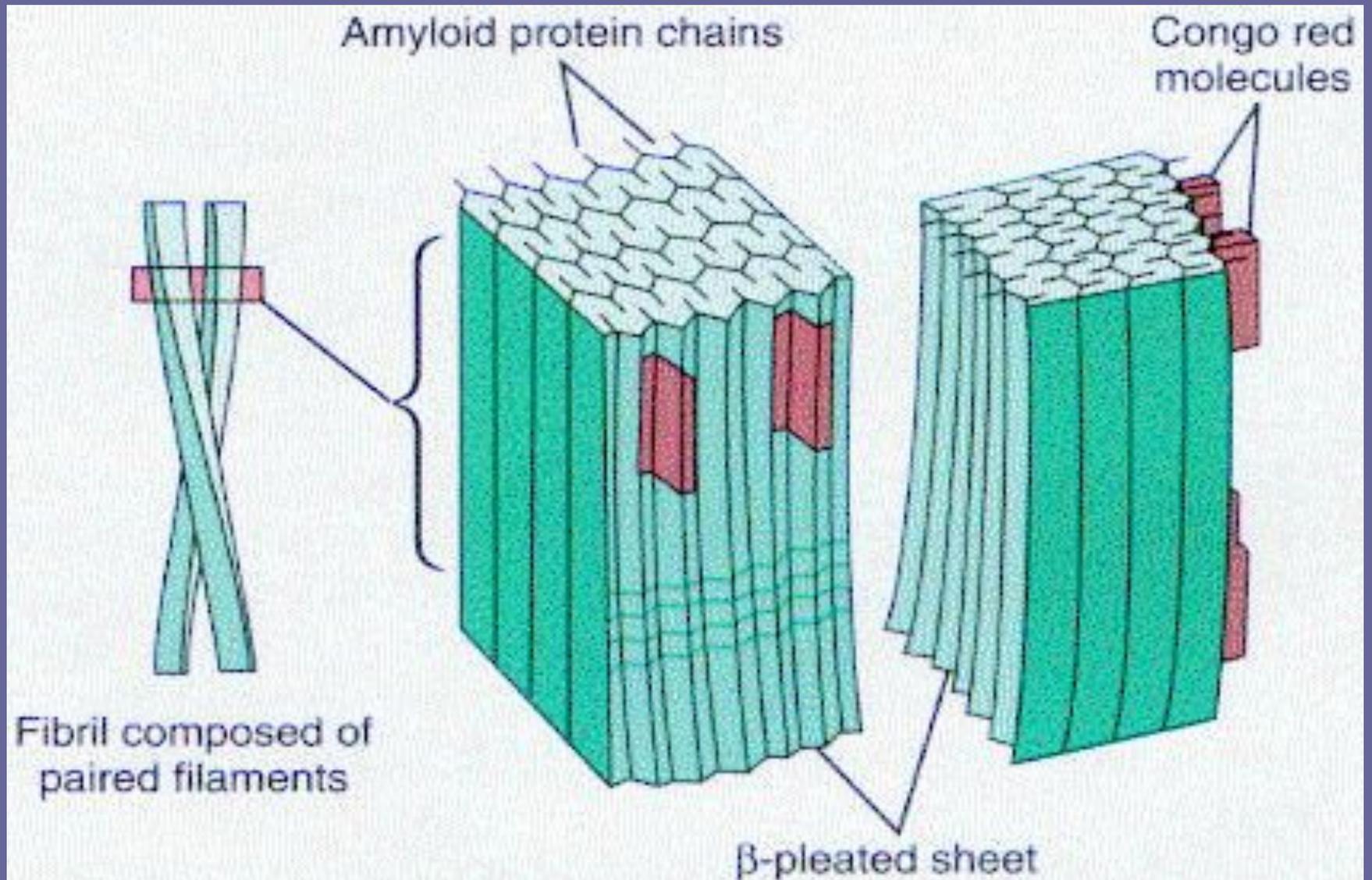
Амилоидоз почки. Окраска гематоксилином-эозином.

Сосудисто-стромальные дистрофии



Амилоидоз почки. Окраска гематоксилином эозином

Амилоидоз



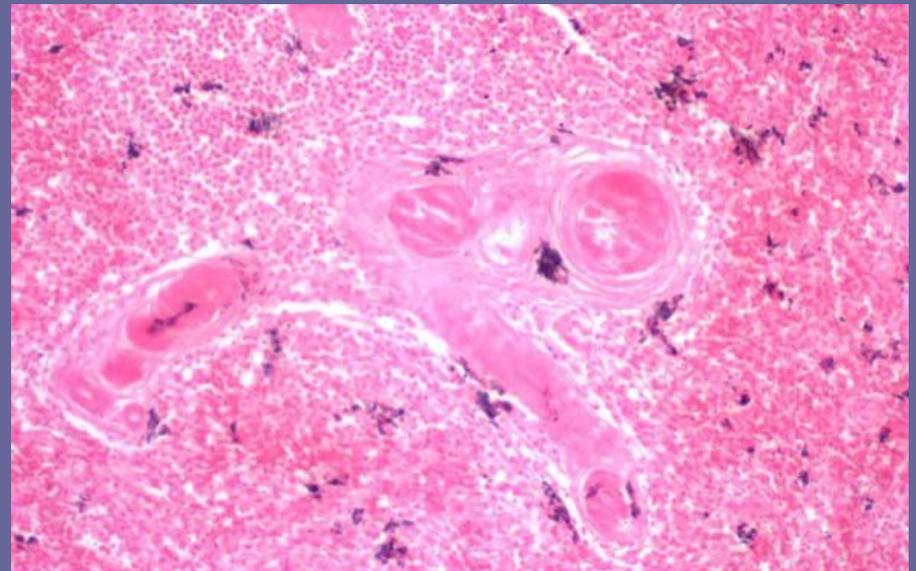
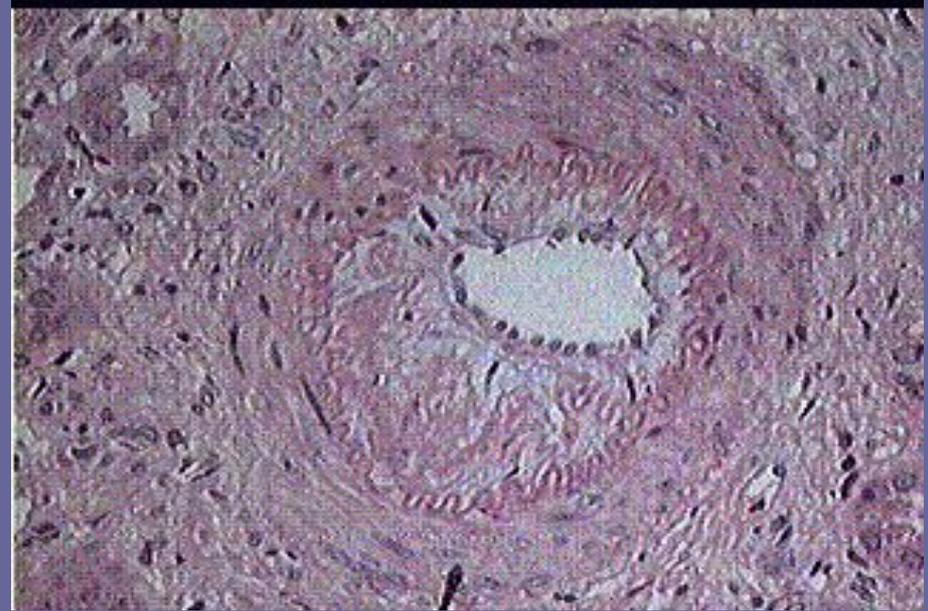
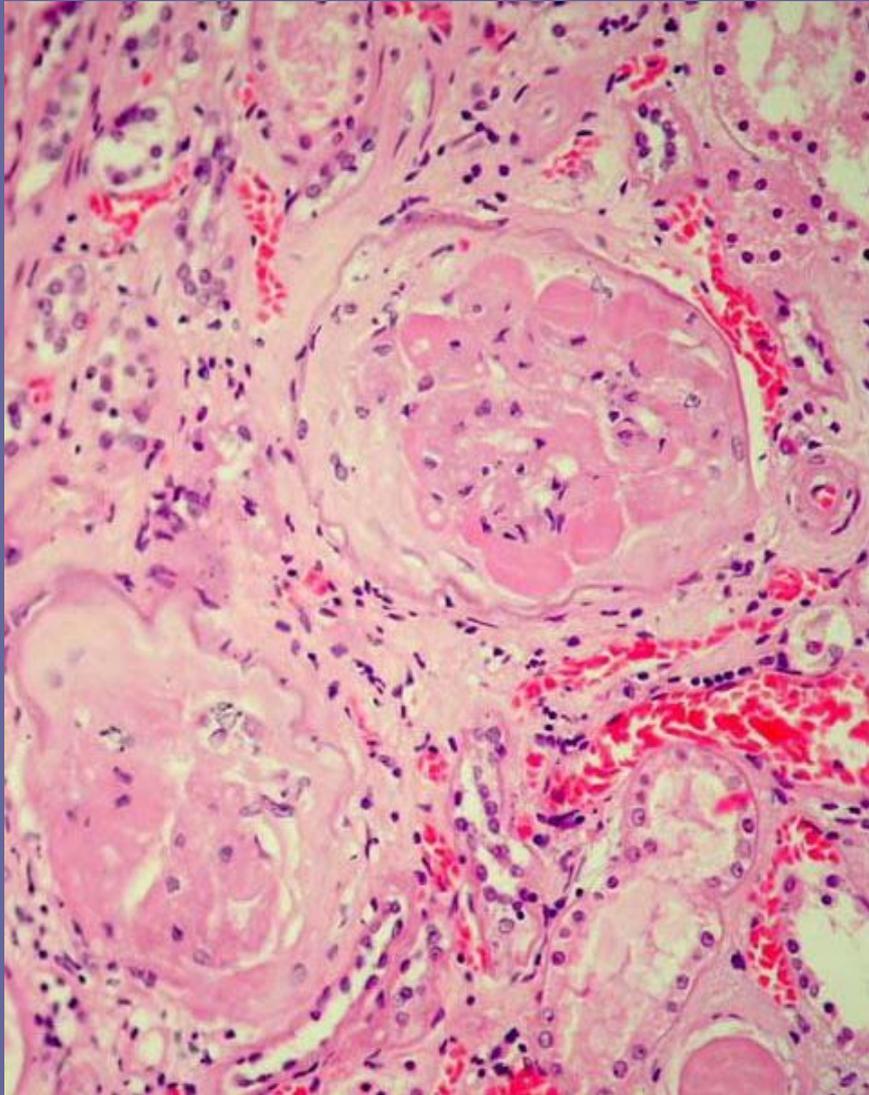
Саговая селезенка



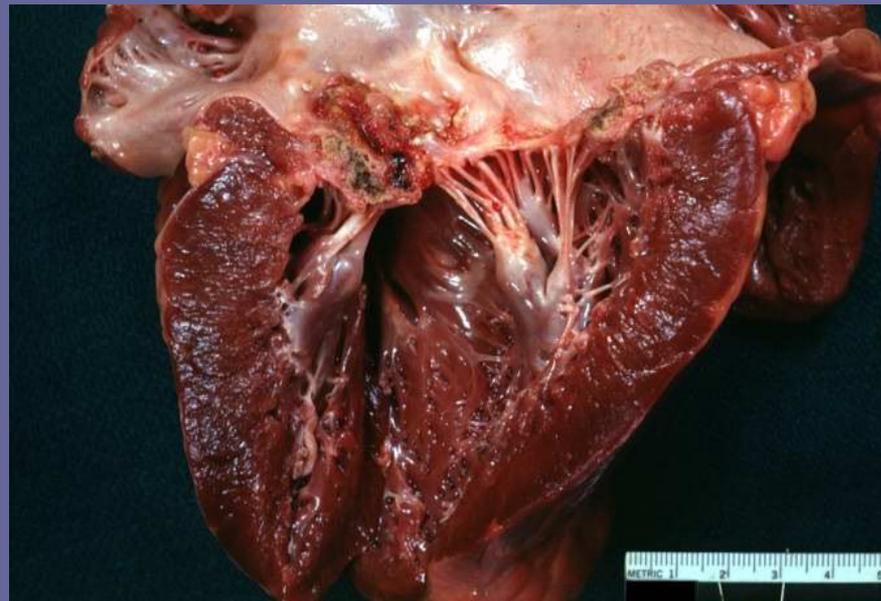
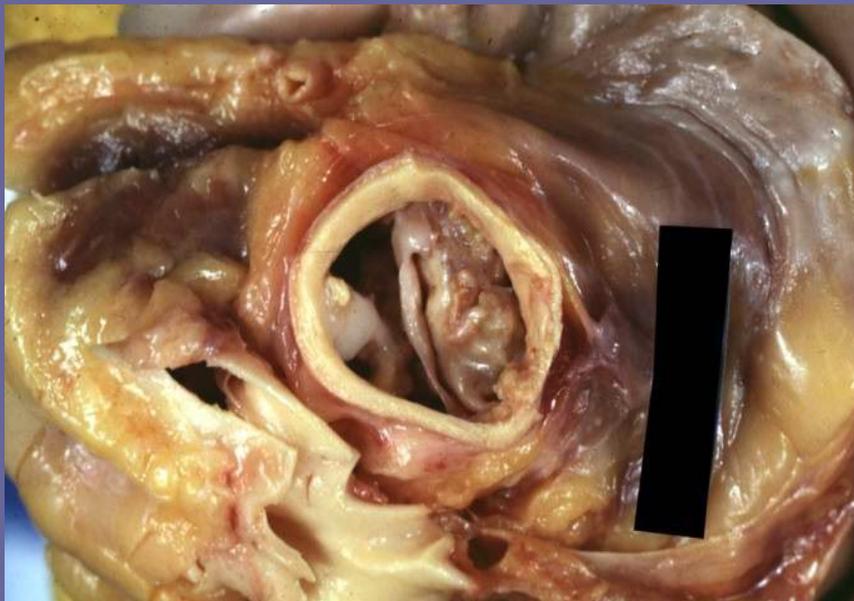
Гиалиноз капсулы селезенки



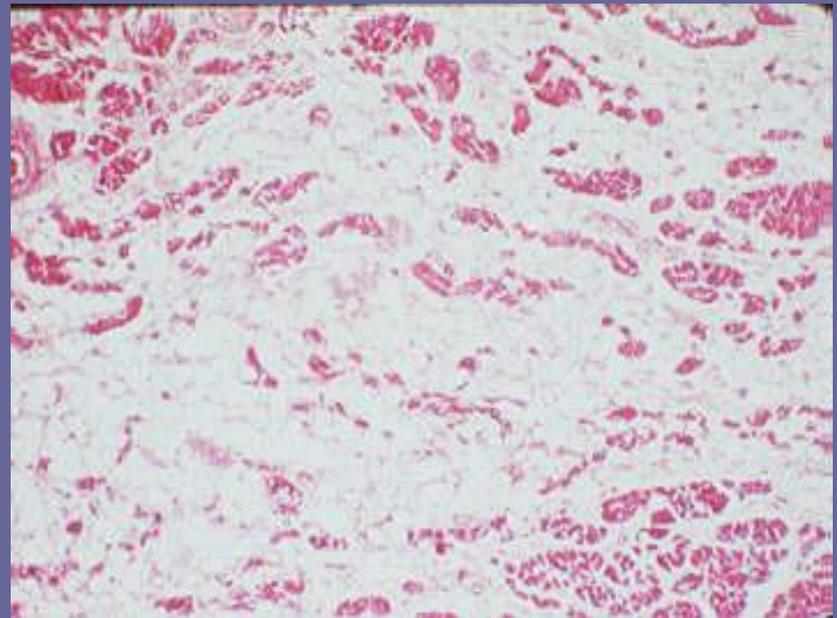
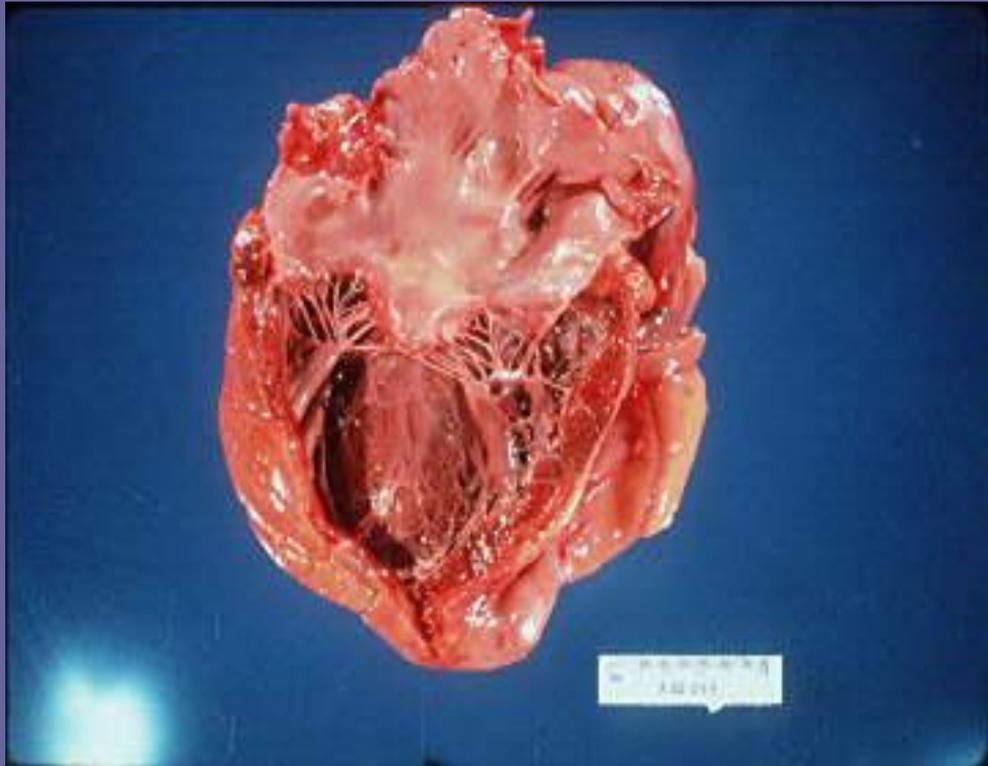
Гиалиноз сосудов



Гиалиноз и кальциноз клапанов сердца



Ожирение миокарда



Лептин

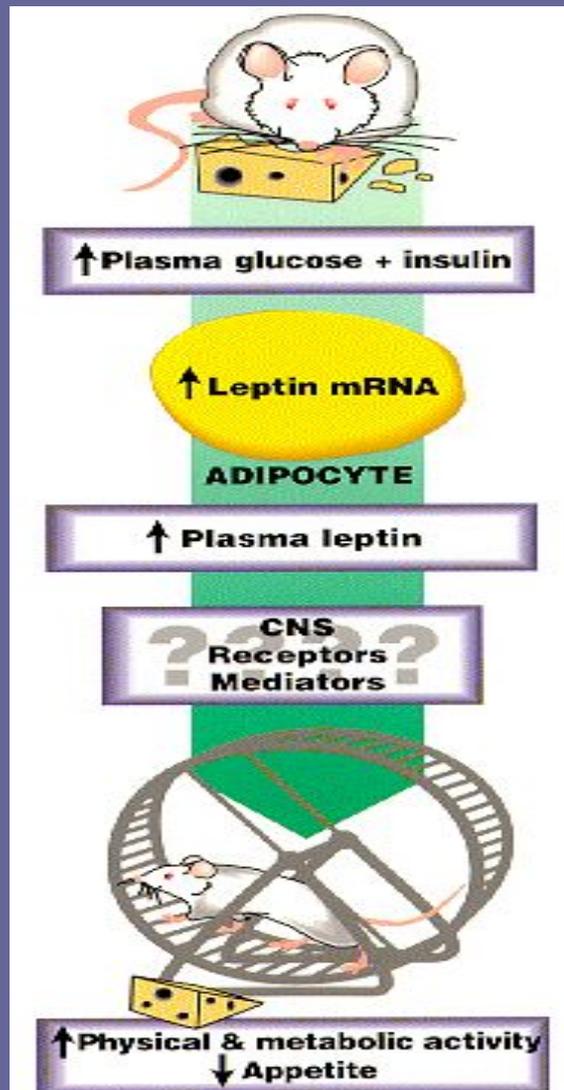
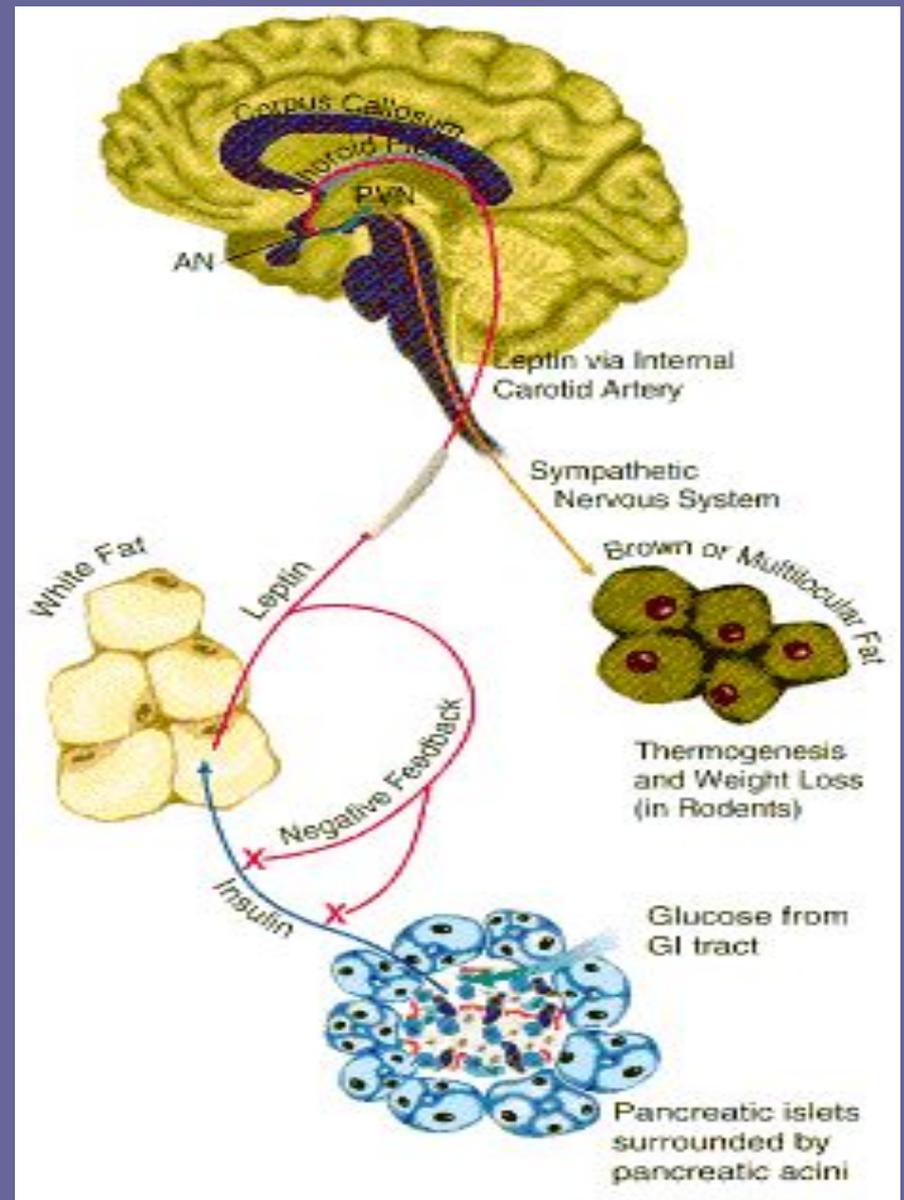
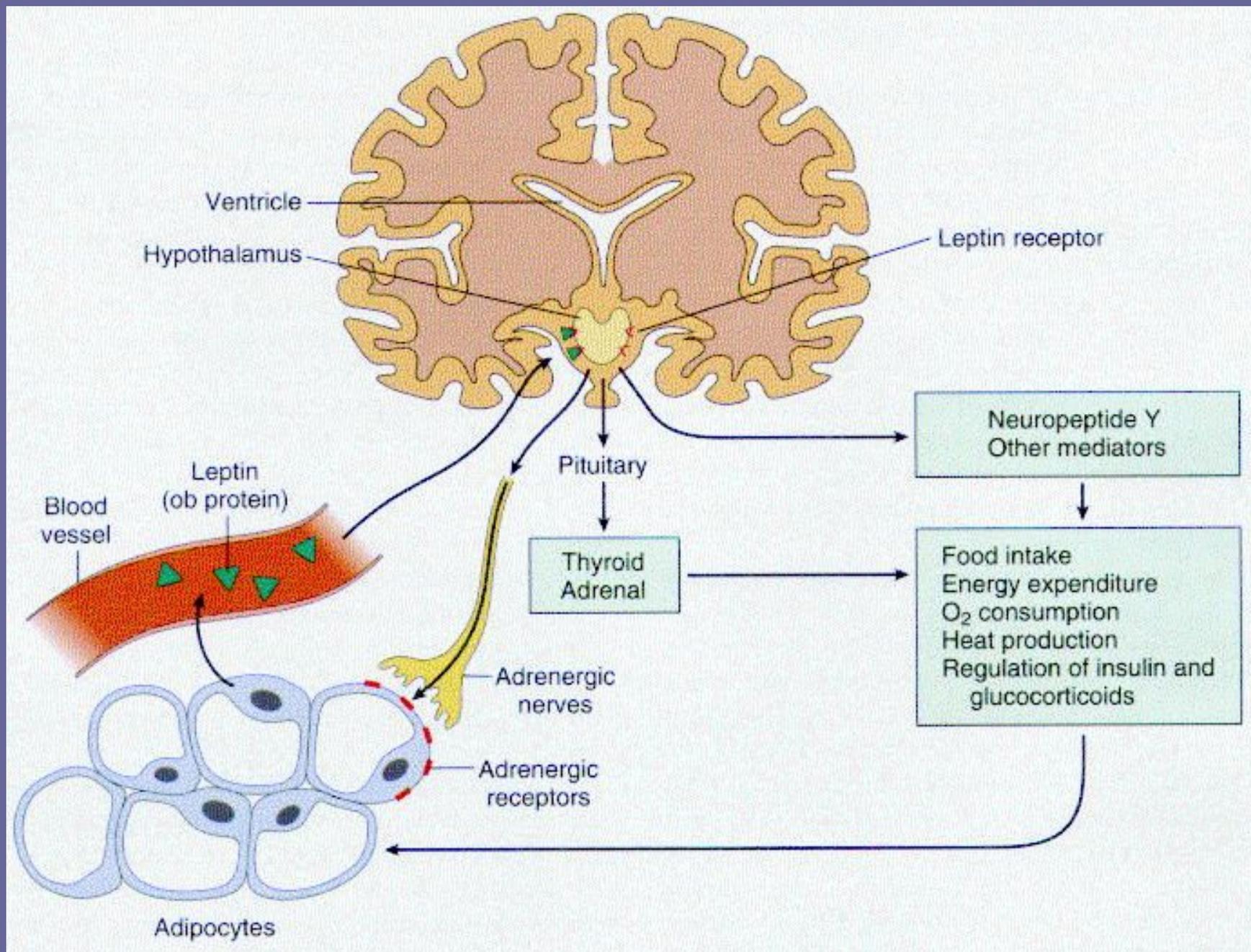
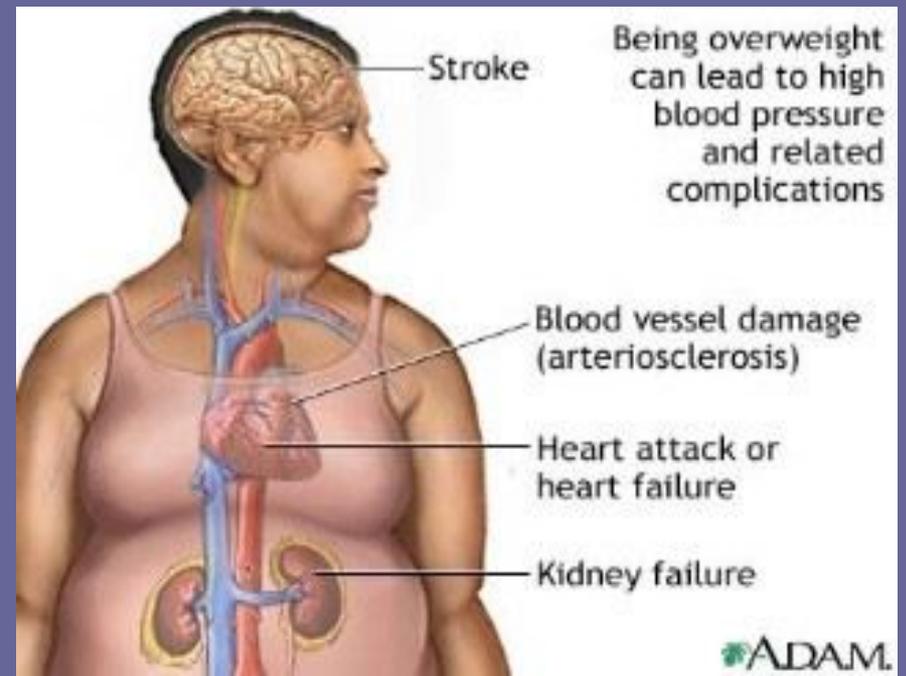
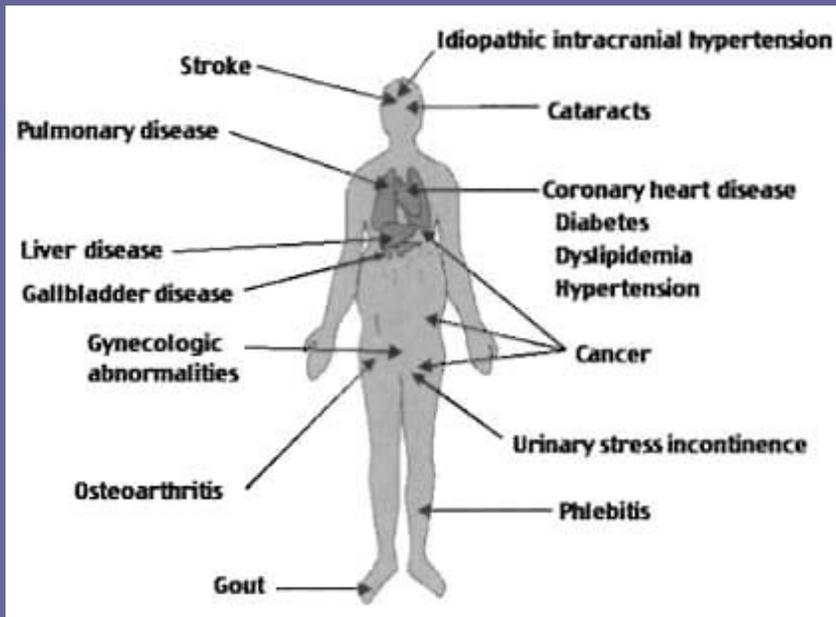


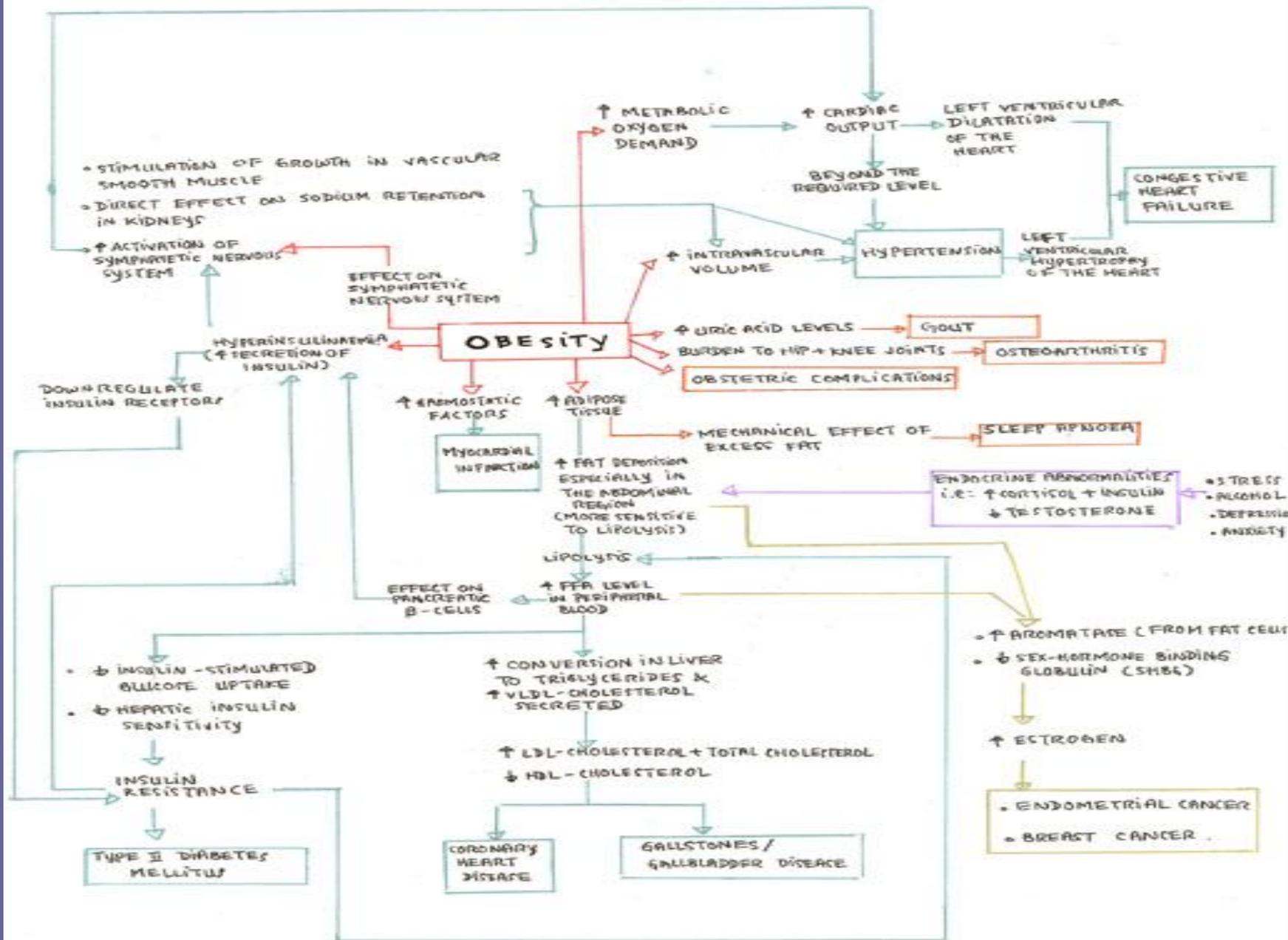
Fig. 1. Proposed leptin pathway in normal metabolism.





Осложнения ожирения





Различные стадии атеросклероза

