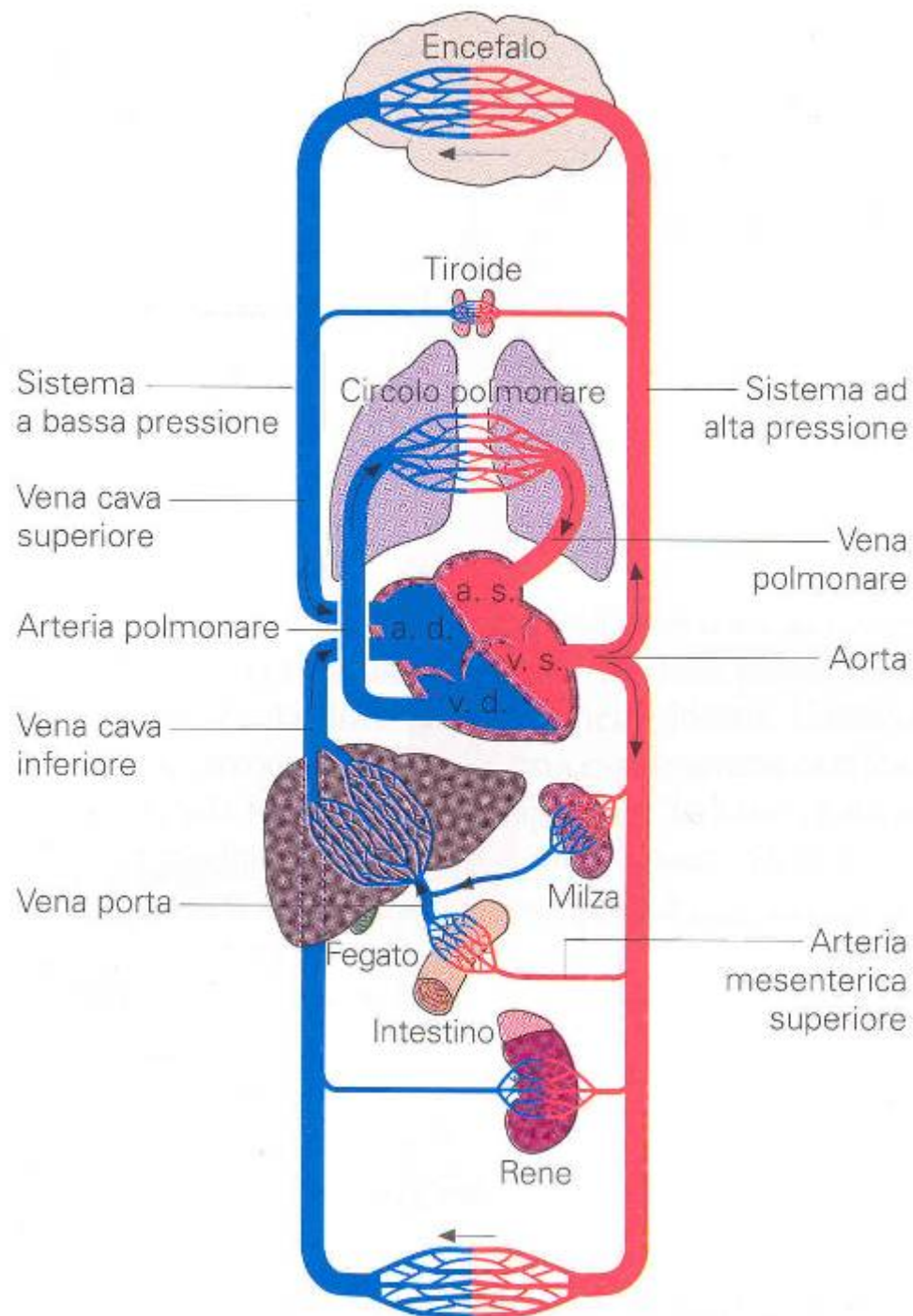
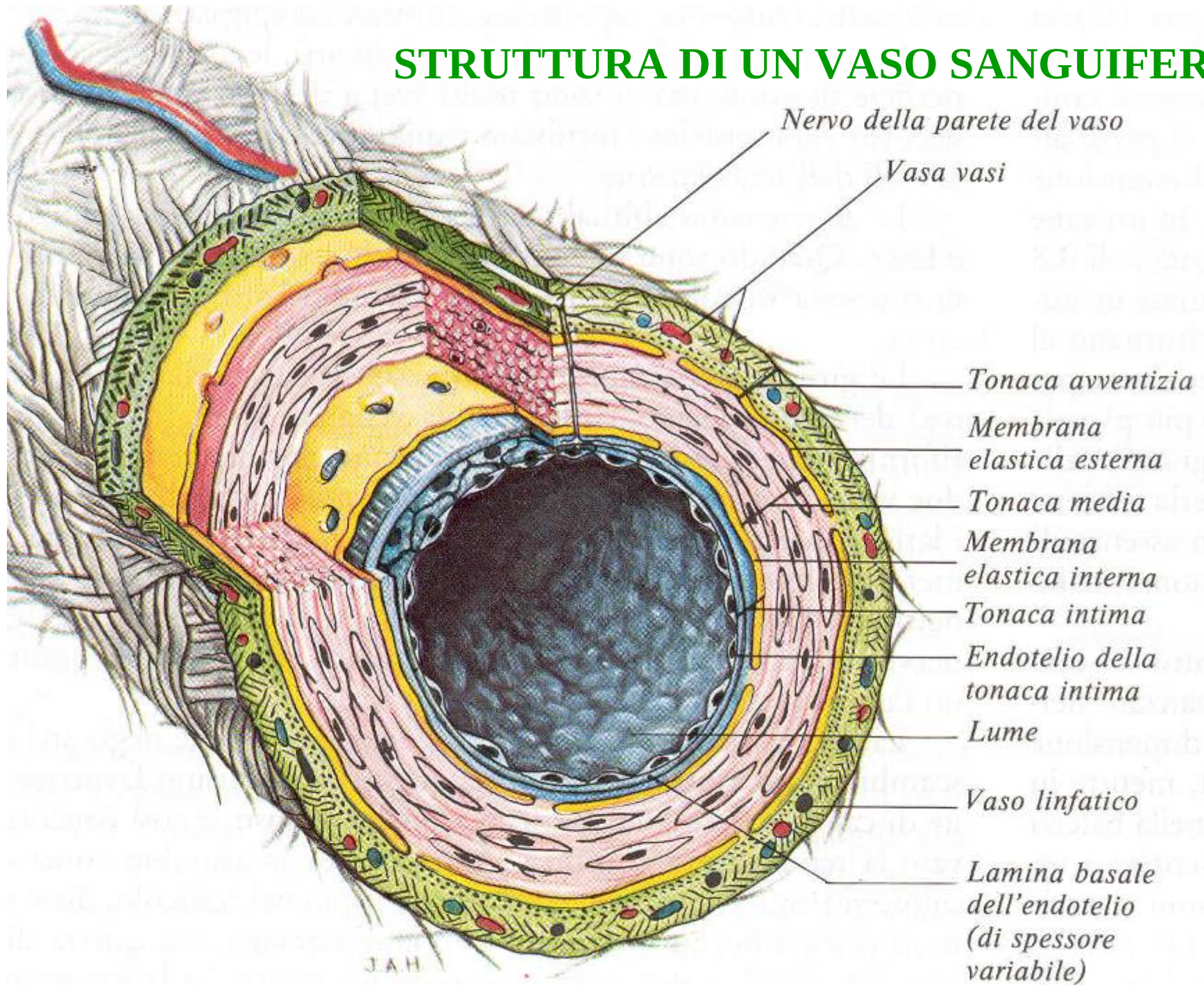




SISTEMA CARDIOCIRCOLATORIO

**Circolazione generale
e circolazione polmonare**

STRUTTURA DI UN VASO SANGUIFERO



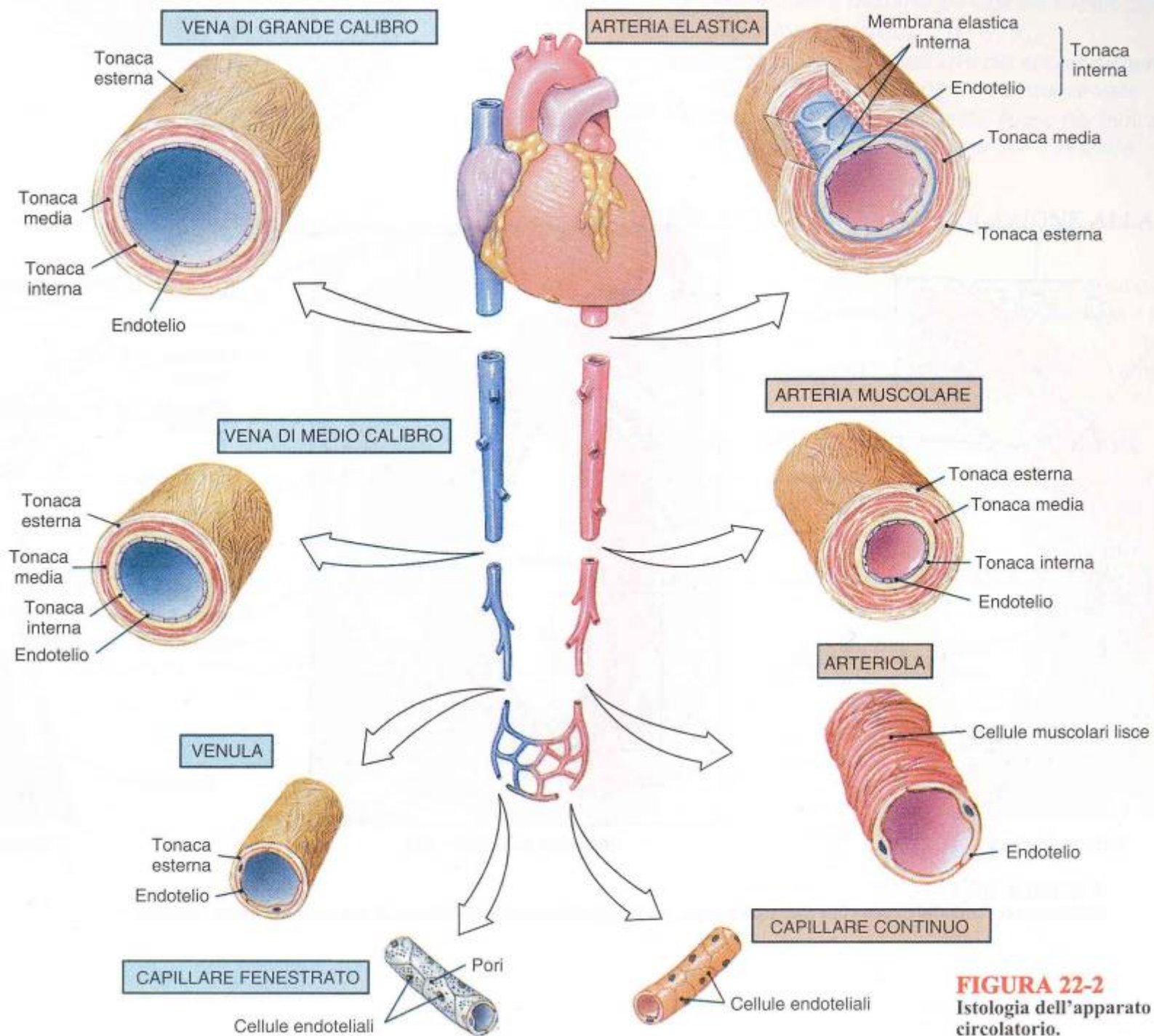
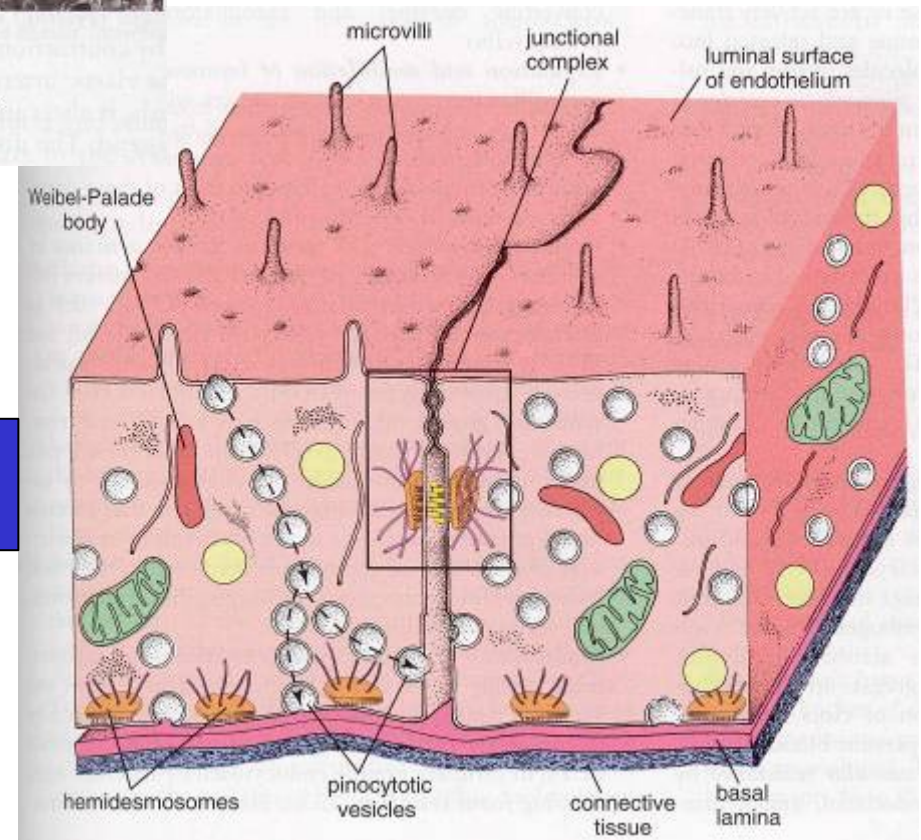
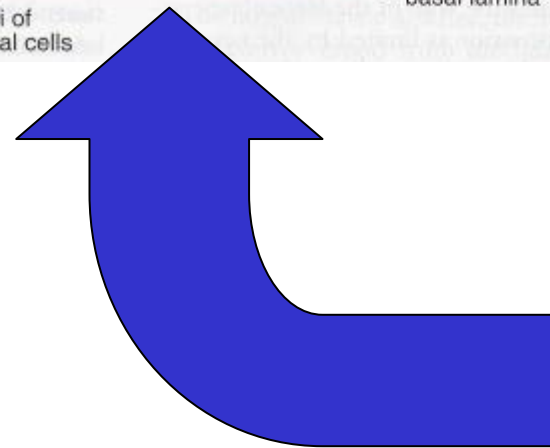
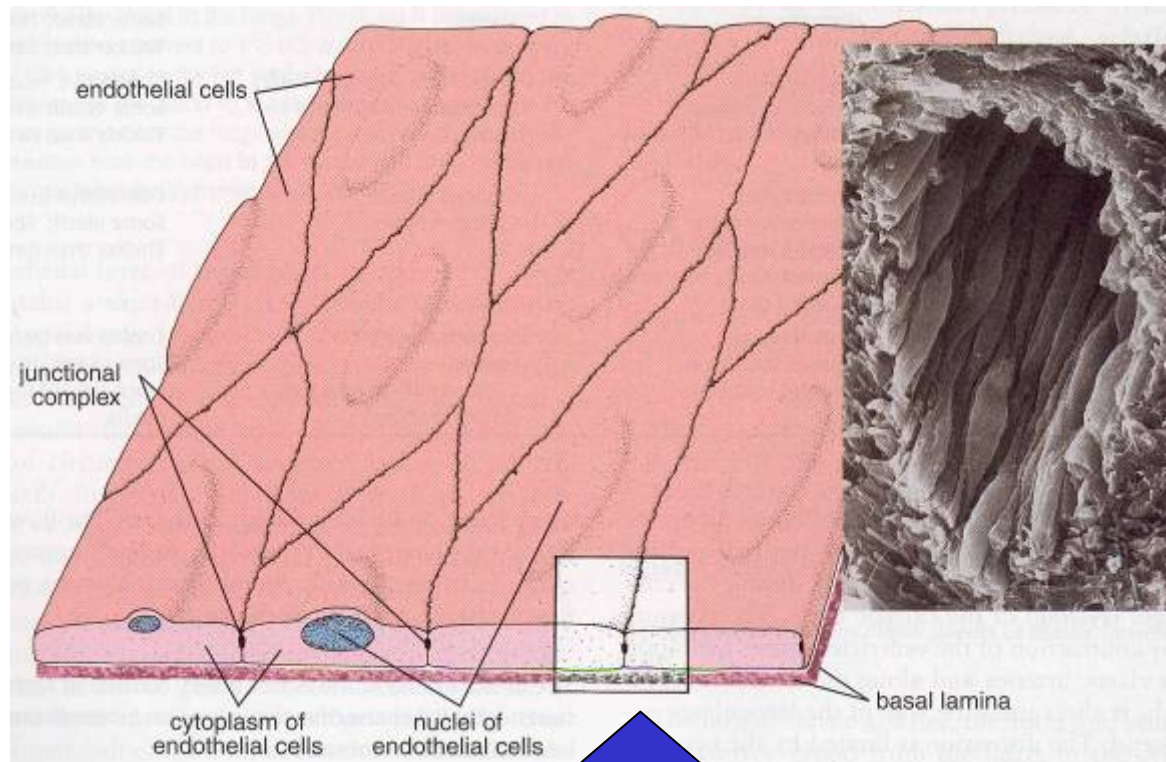
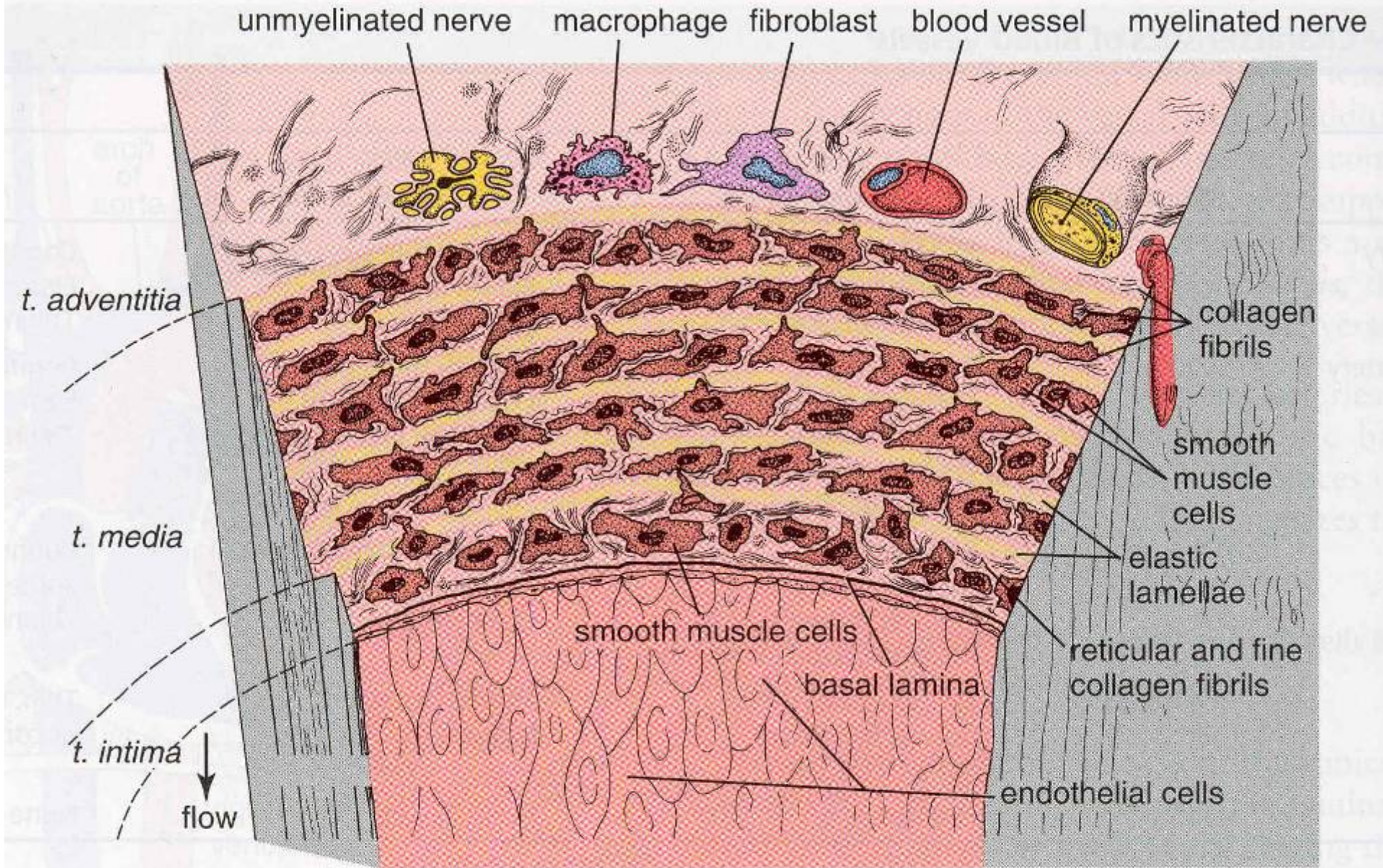


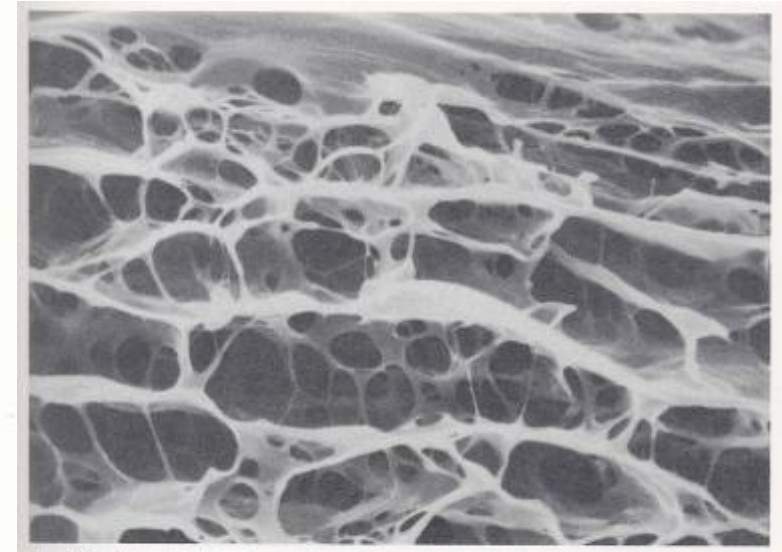
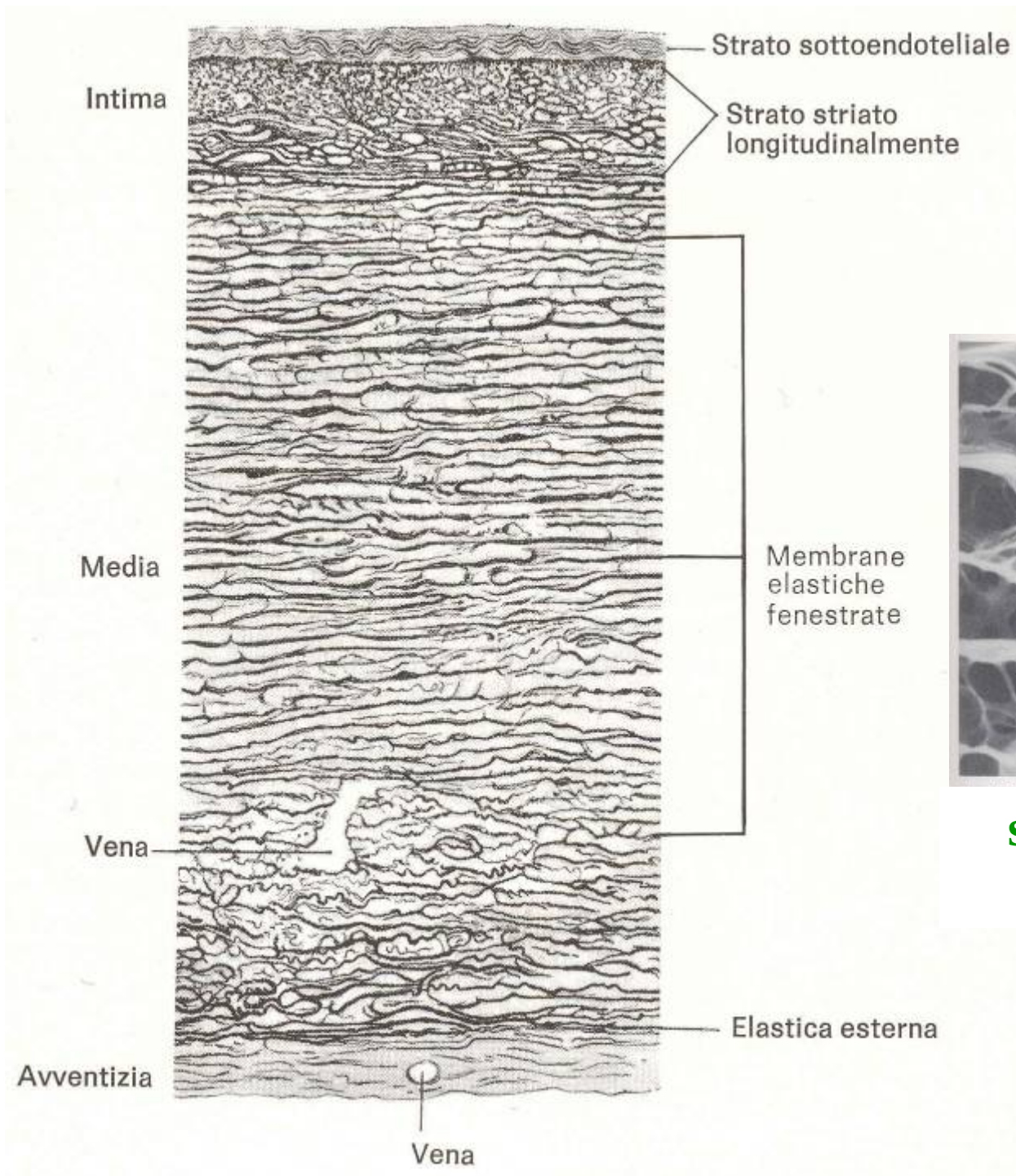
FIGURA 22-2
Istologia dell'apparato circolatorio.

L'ENDOTELIO

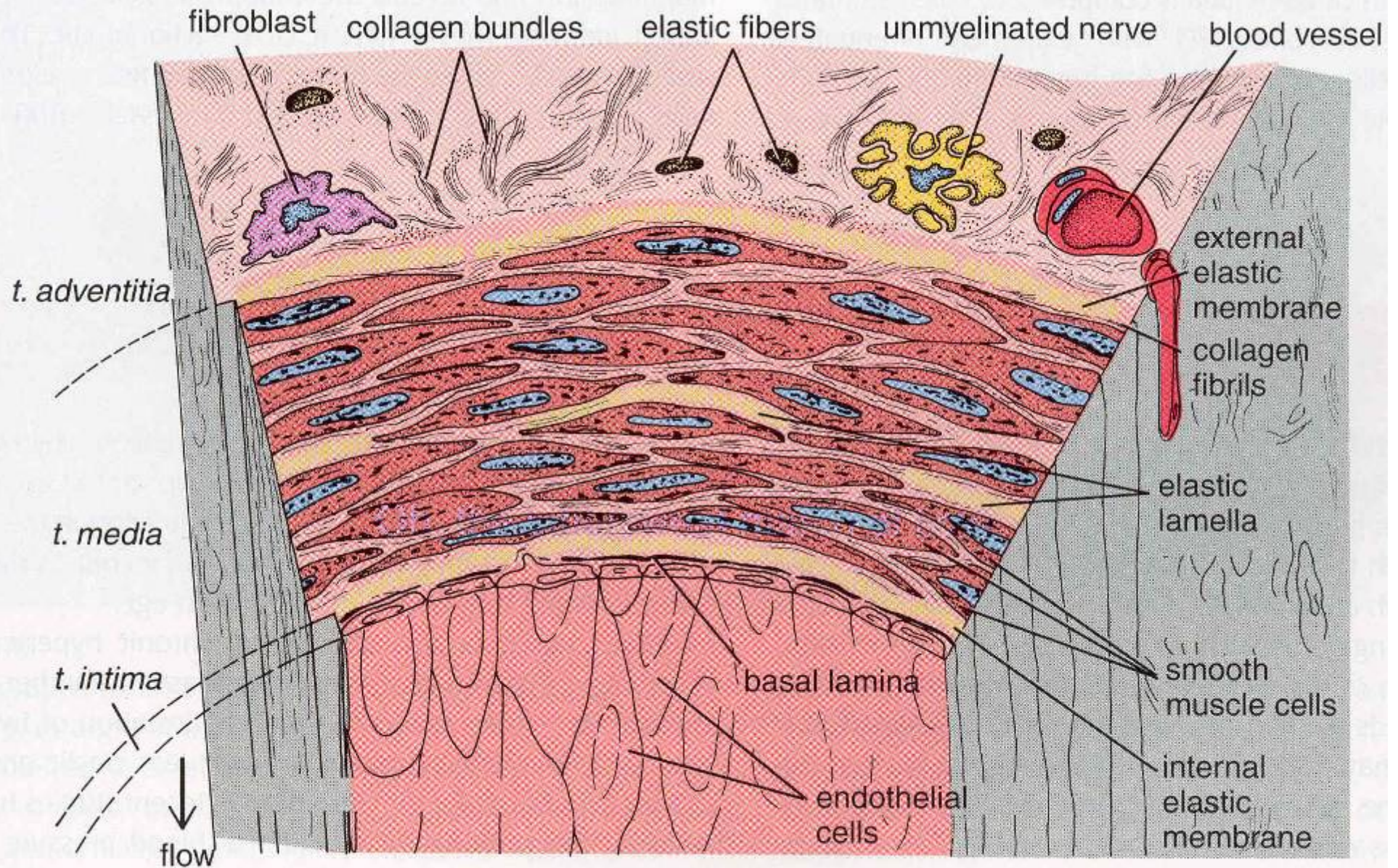




ELASTIC ARTERY

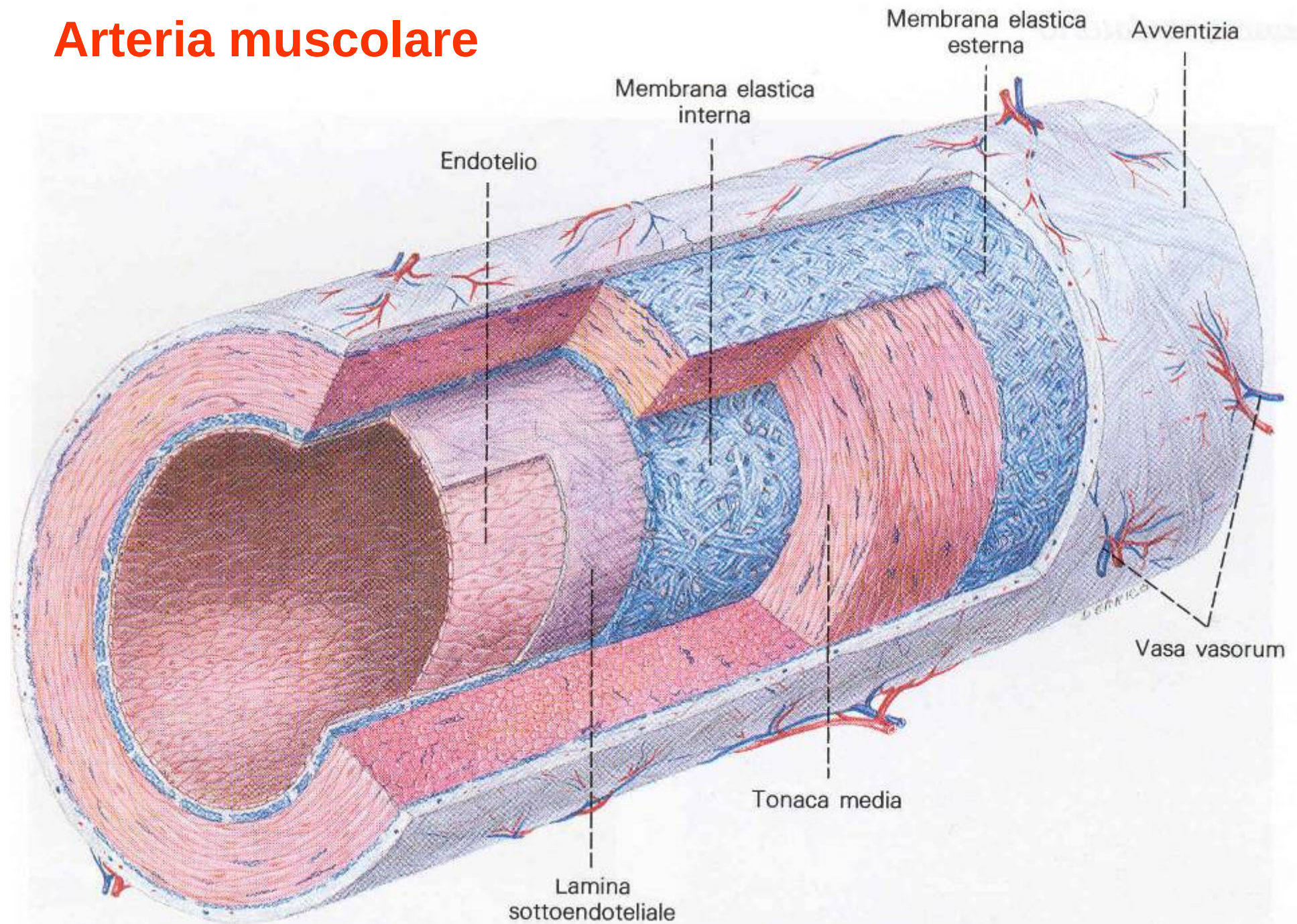


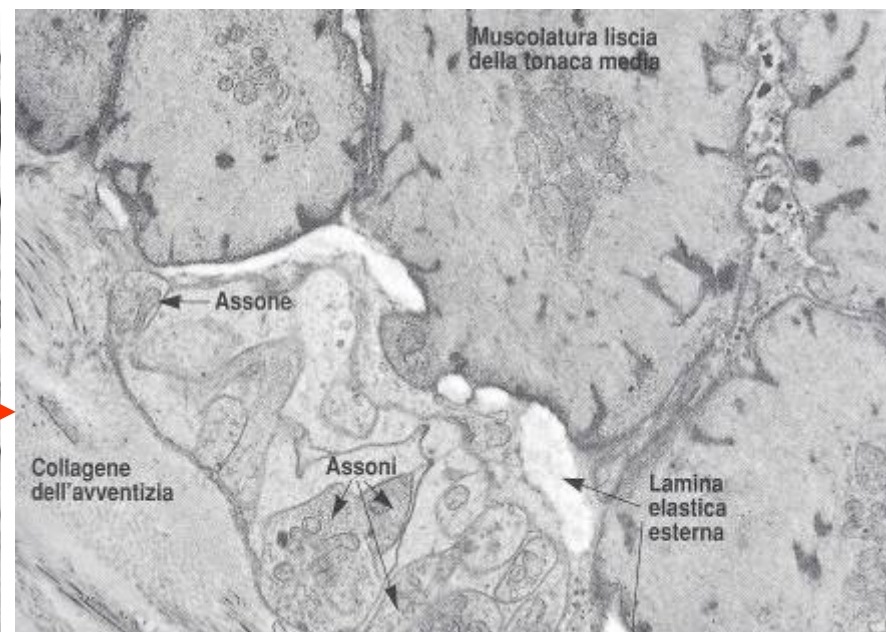
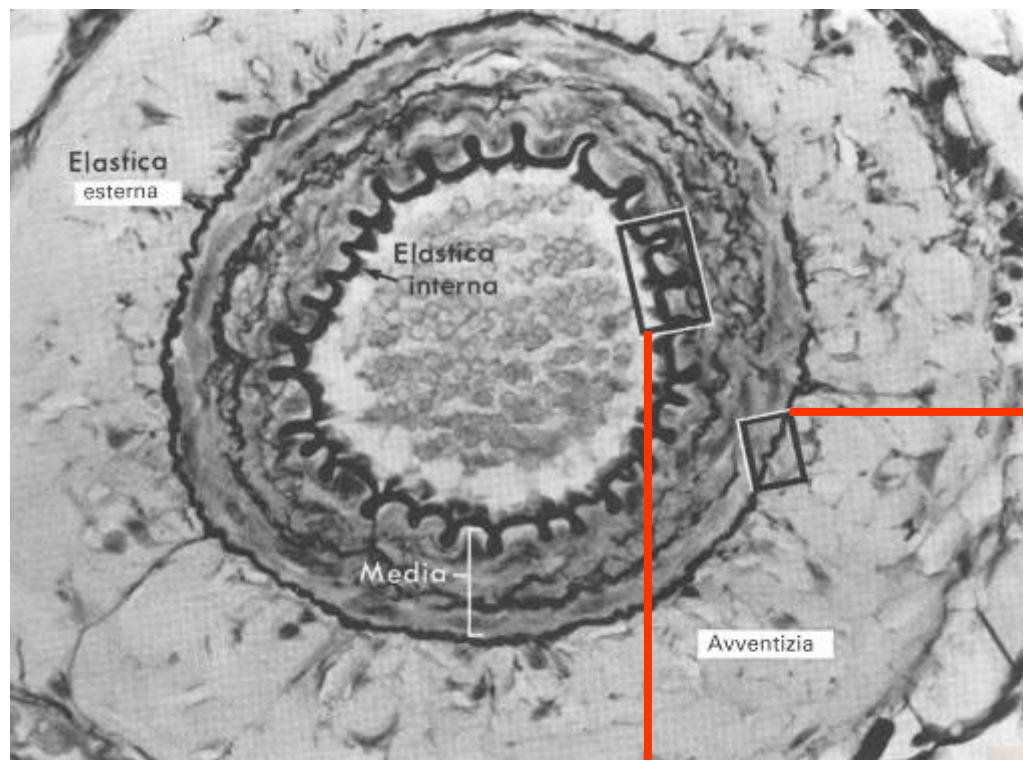
**struttura di un'arteria
di grosso calibro**



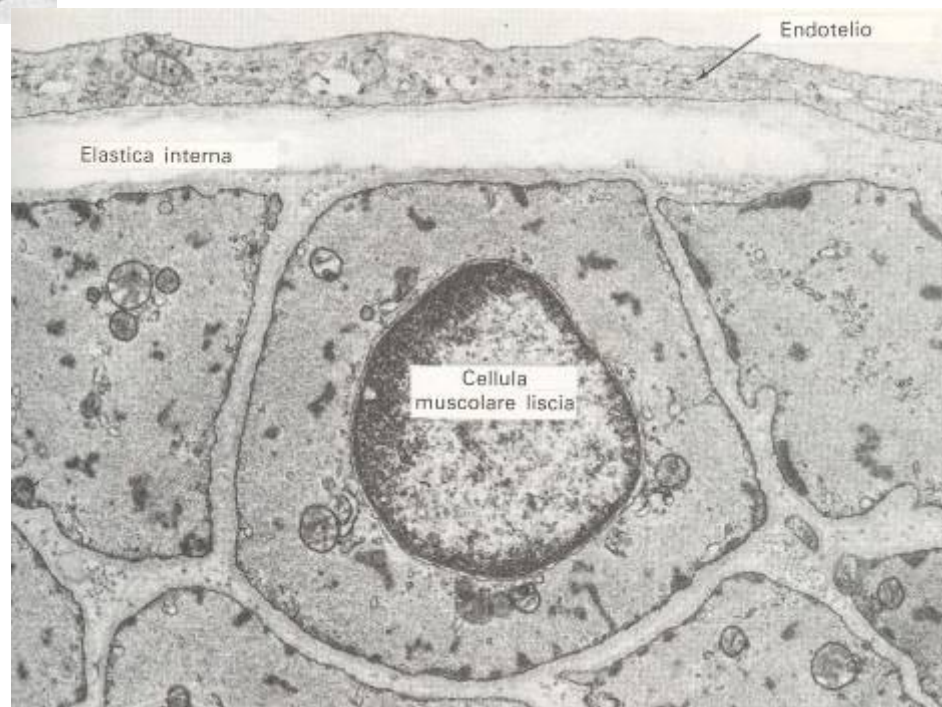
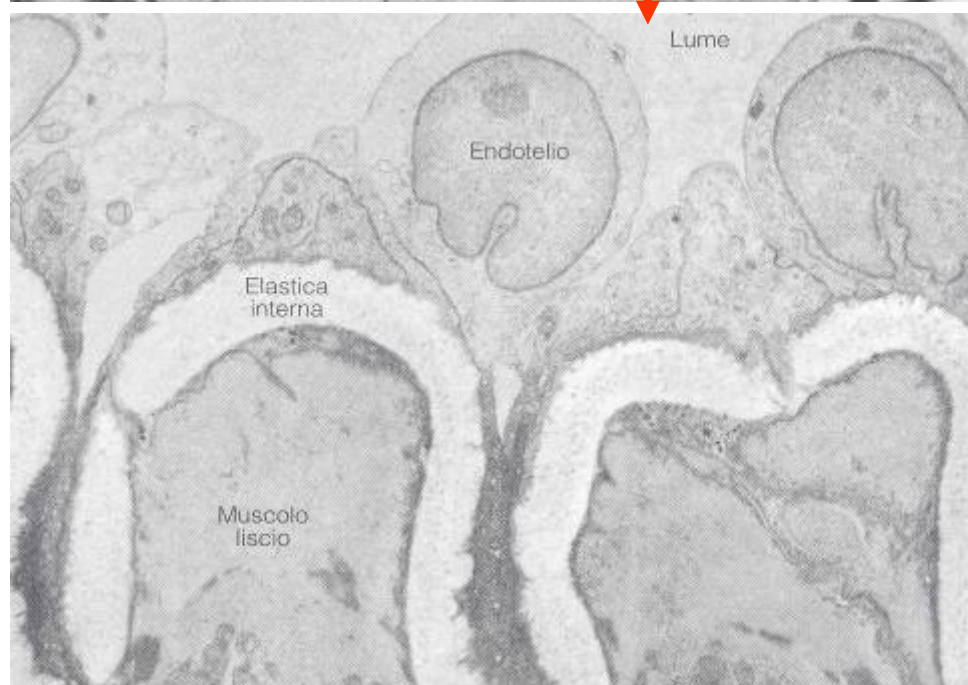
MUSCULAR ARTERY

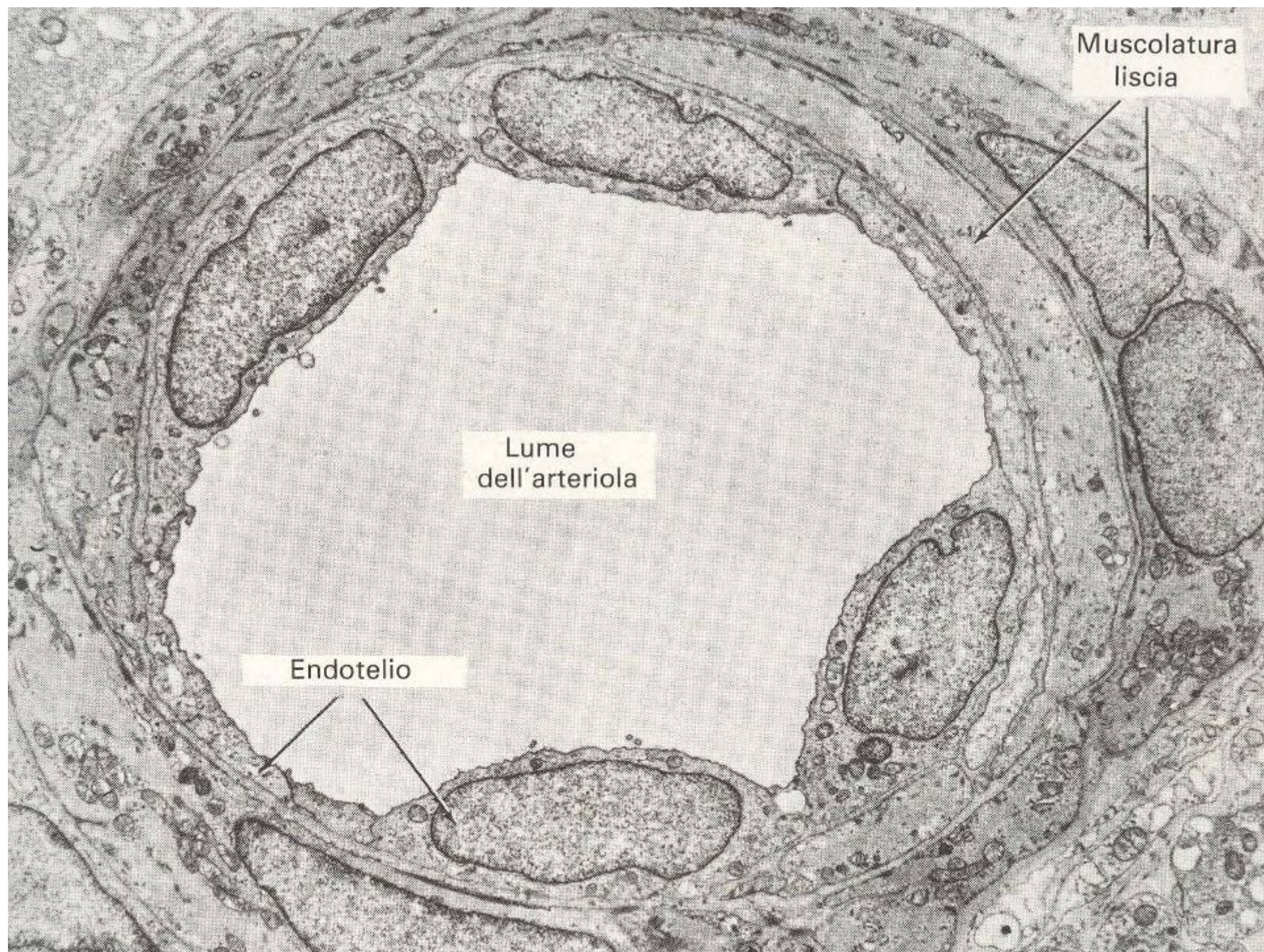
Arteria muscolare

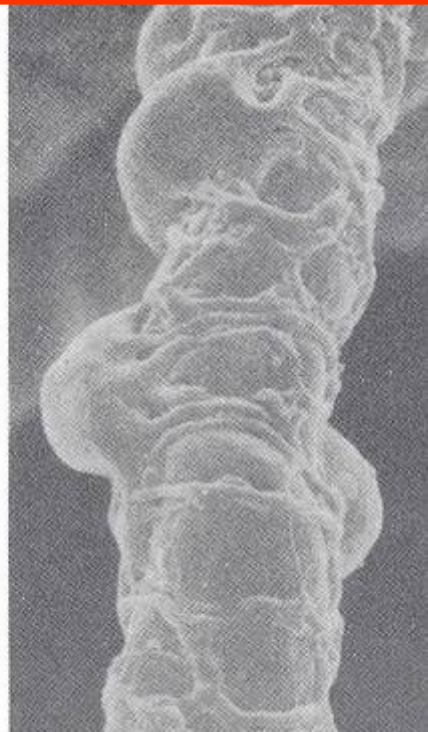
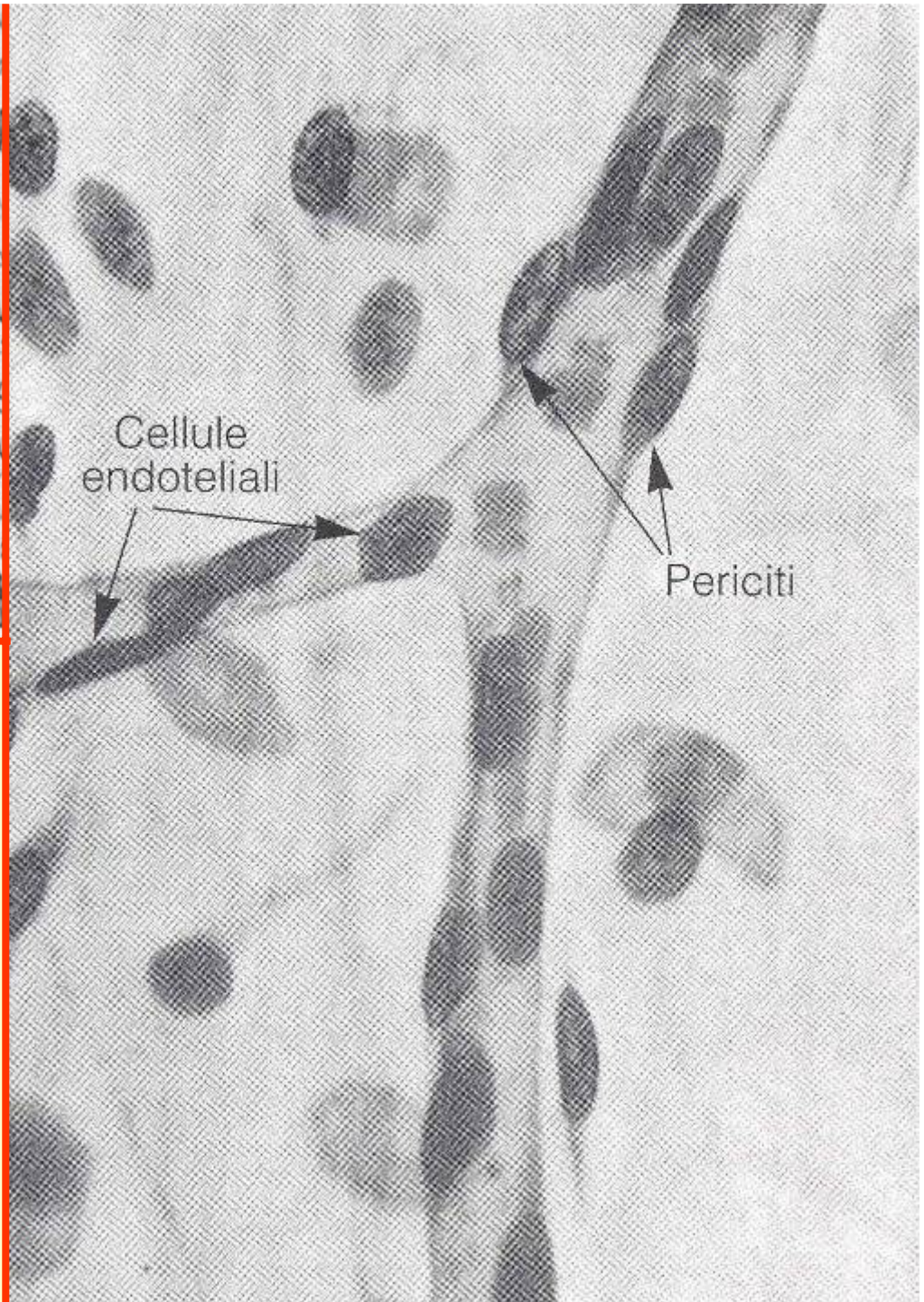




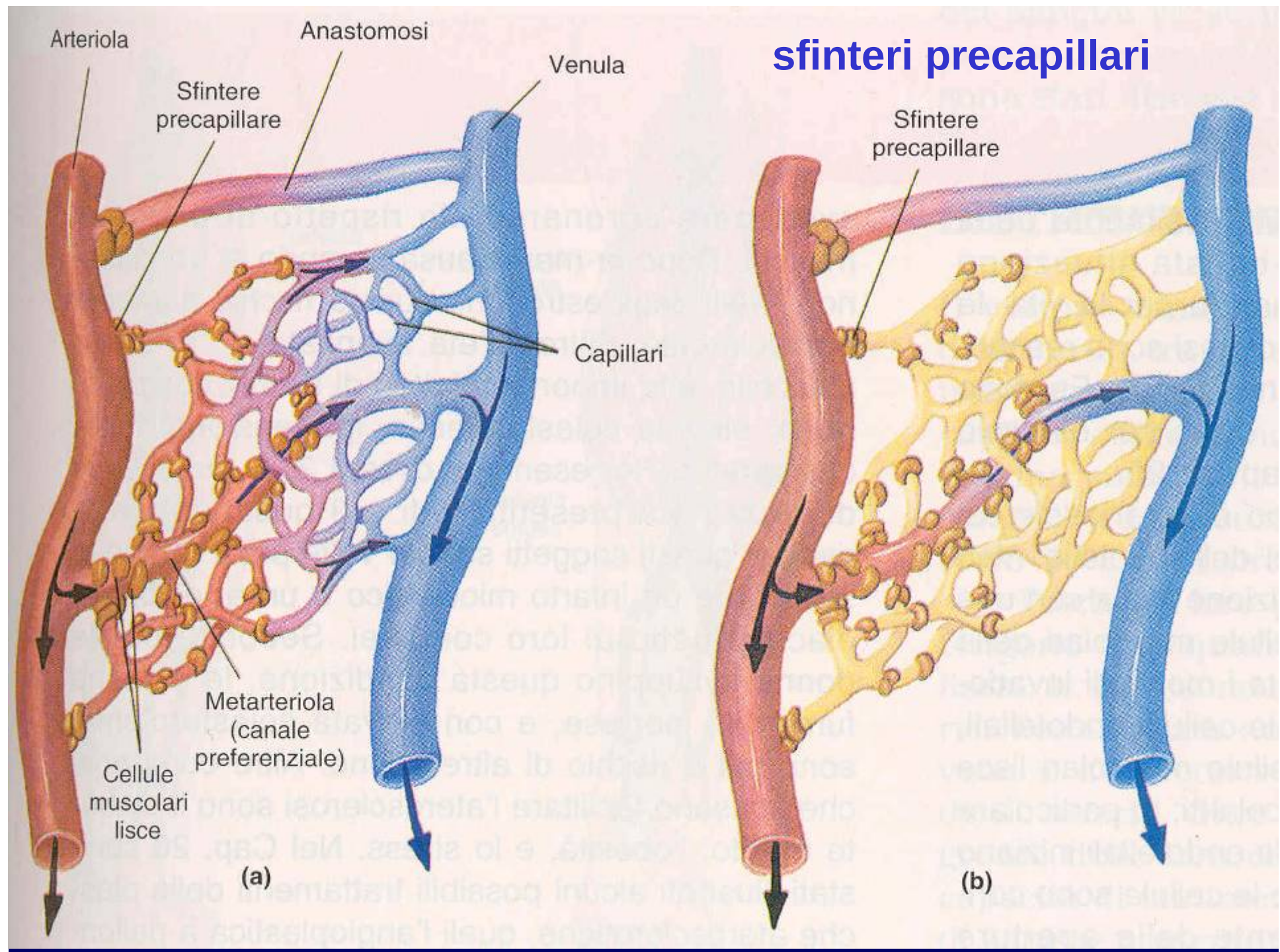
ARTERIOLO

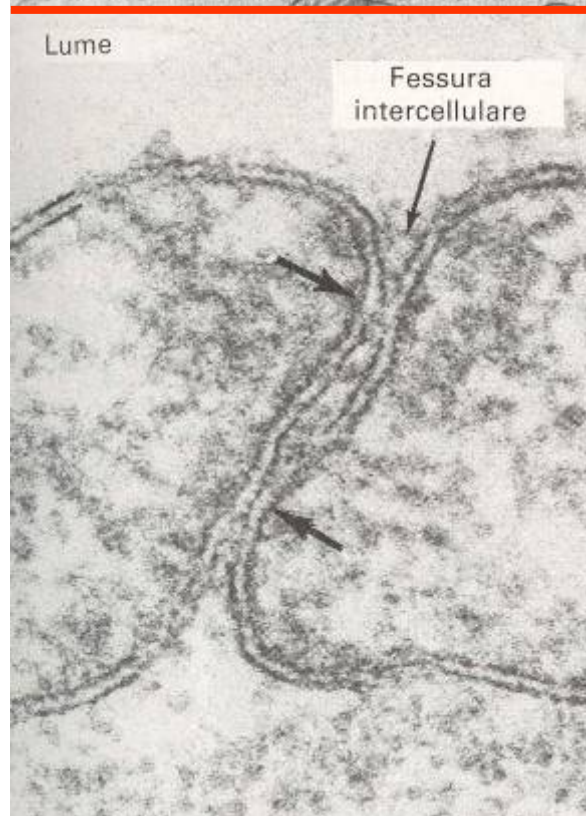
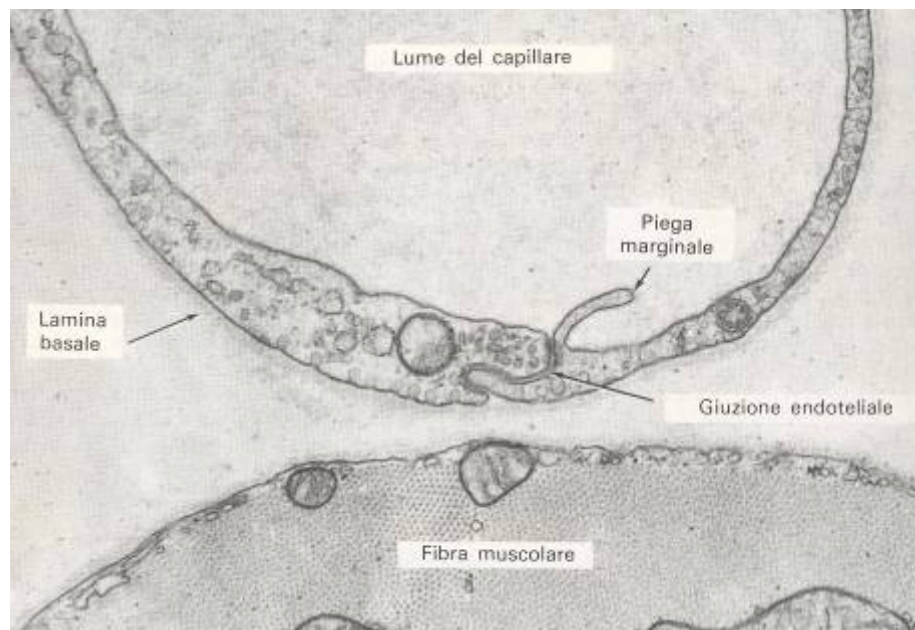




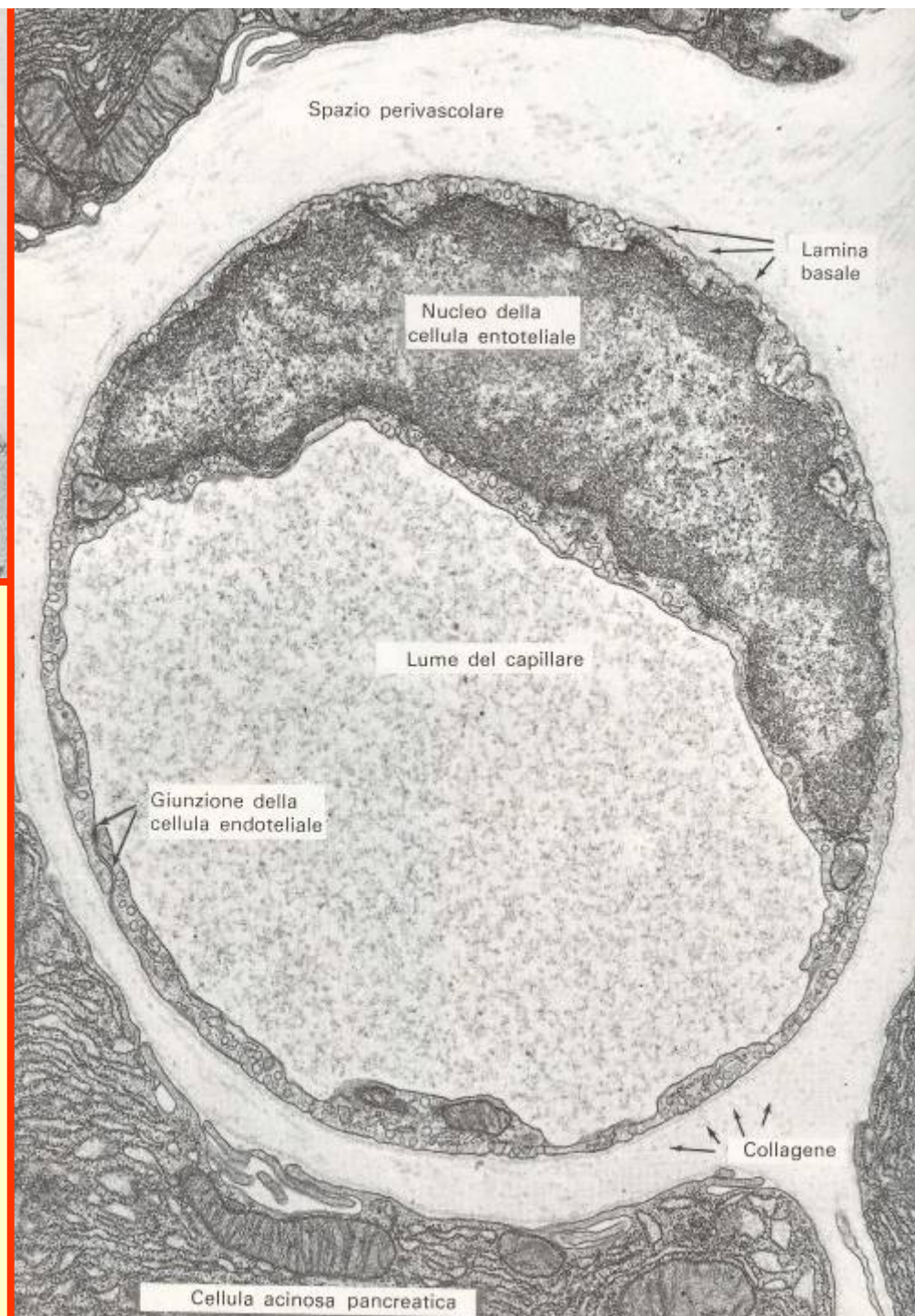


C
A
P
I
L
L
A
R
I

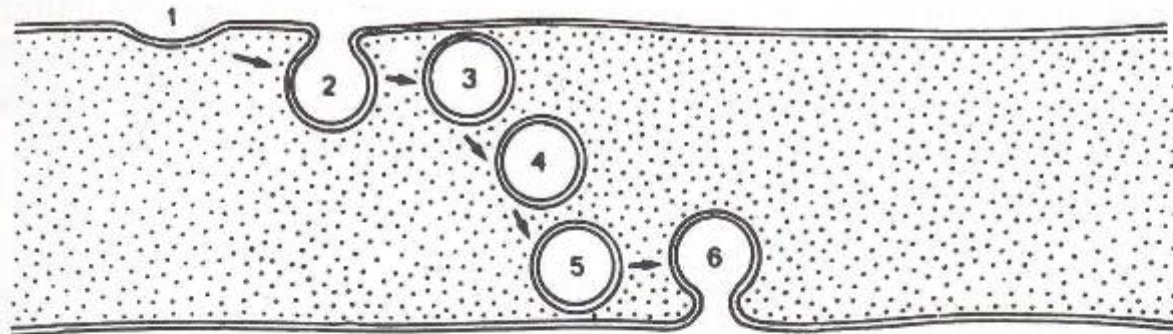




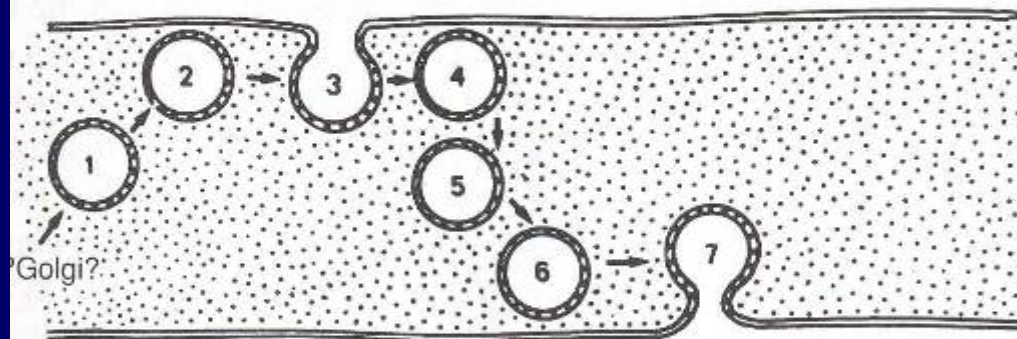
CAPILLARI



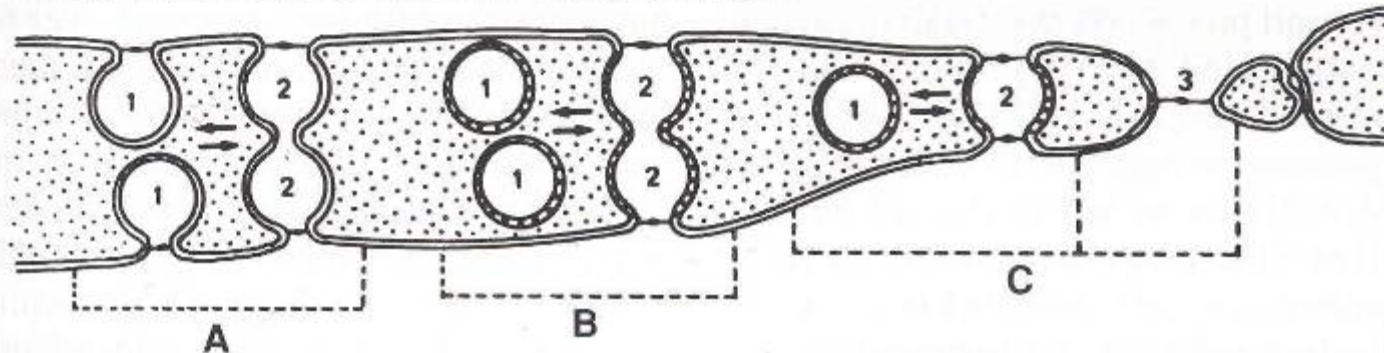
VESCICOLAZIONE DEL PLASMALEMA

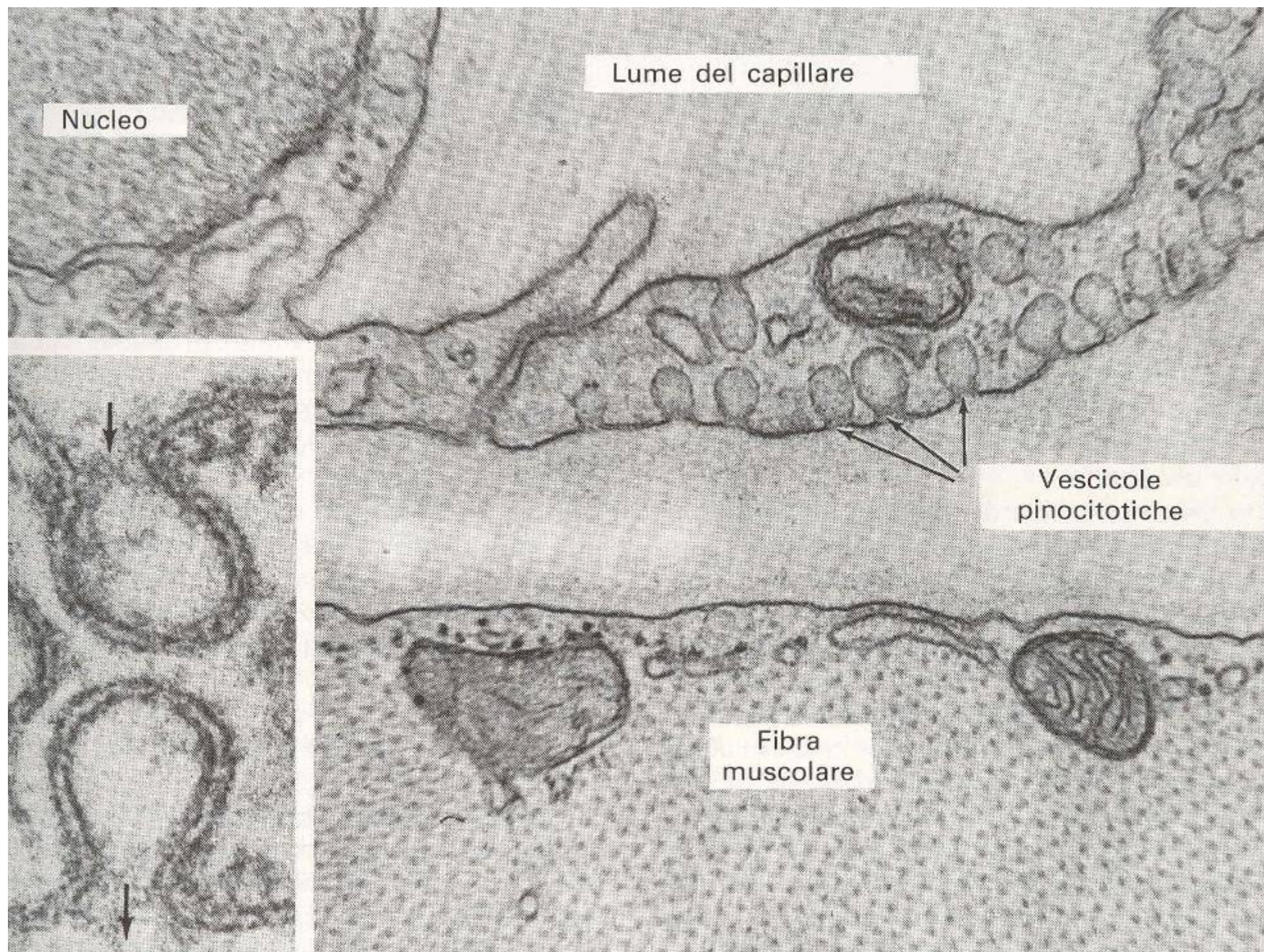


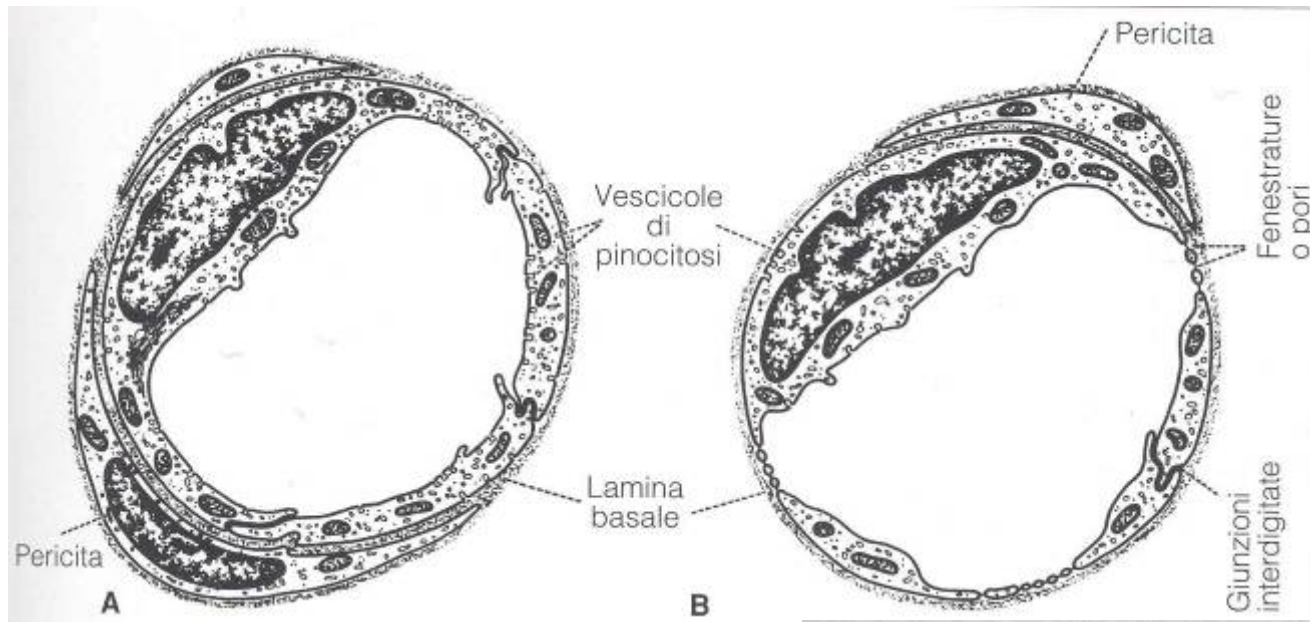
FUSIONE-DISTACCO SENZA MESCOLAMENTO DELLE VESCICOLE CON LE MEMBRANE PLASMATICHE



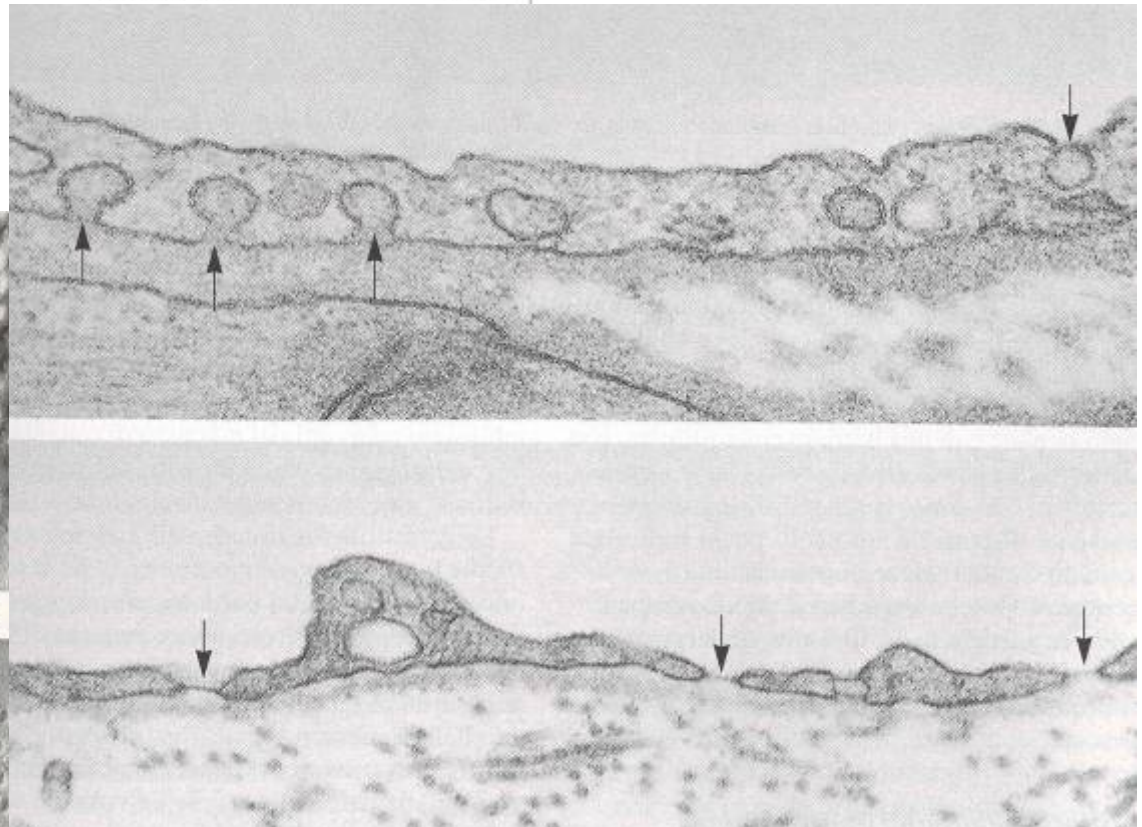
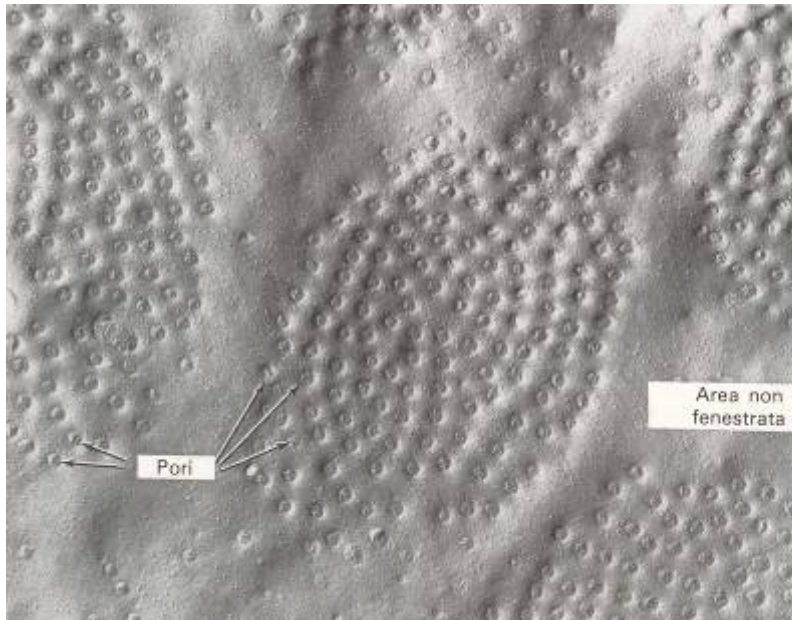
FORMAZIONE DI CANALI E FENESTRATURE







capillari fenestrati



Arteriole

Venule

Linfa

ca. 10%

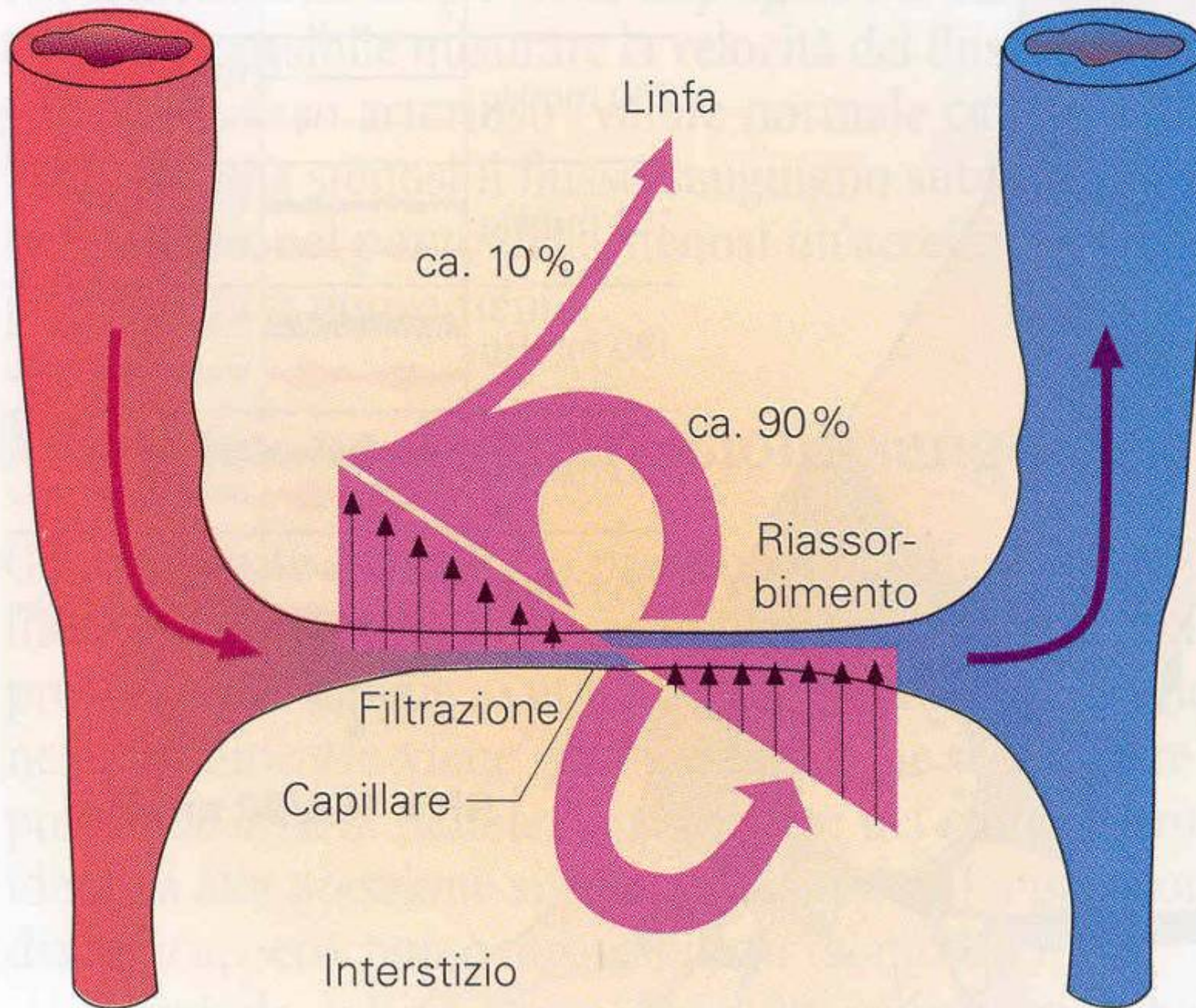
ca. 90%

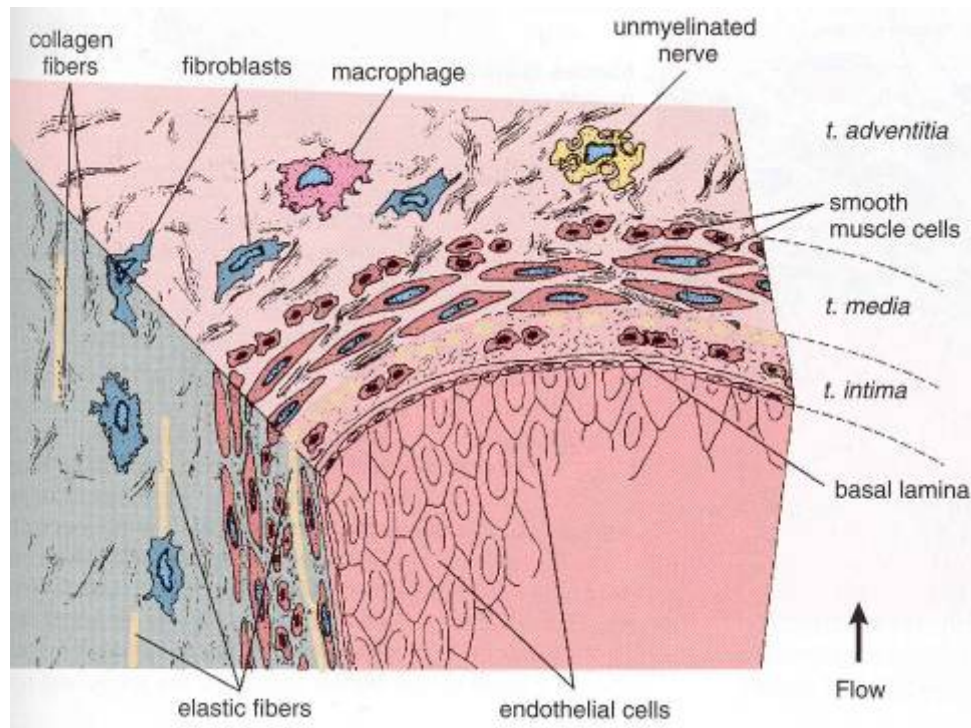
Riassorbimento

Filtrazione

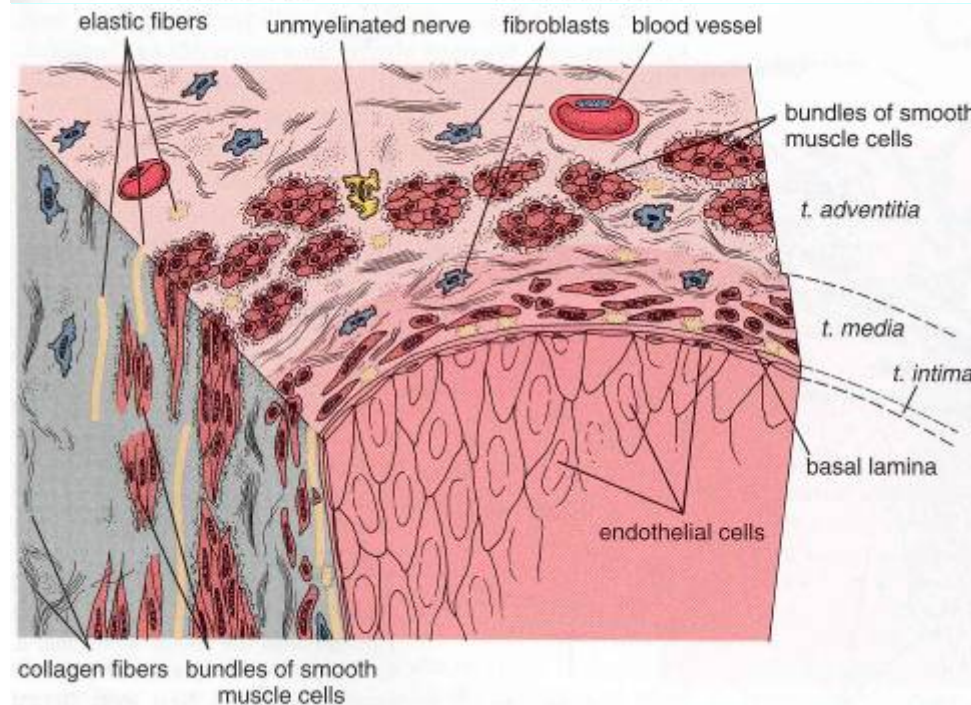
Capillare

Interstizio

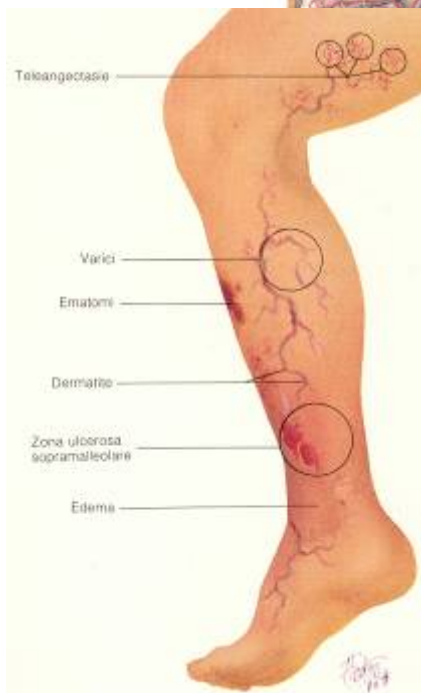
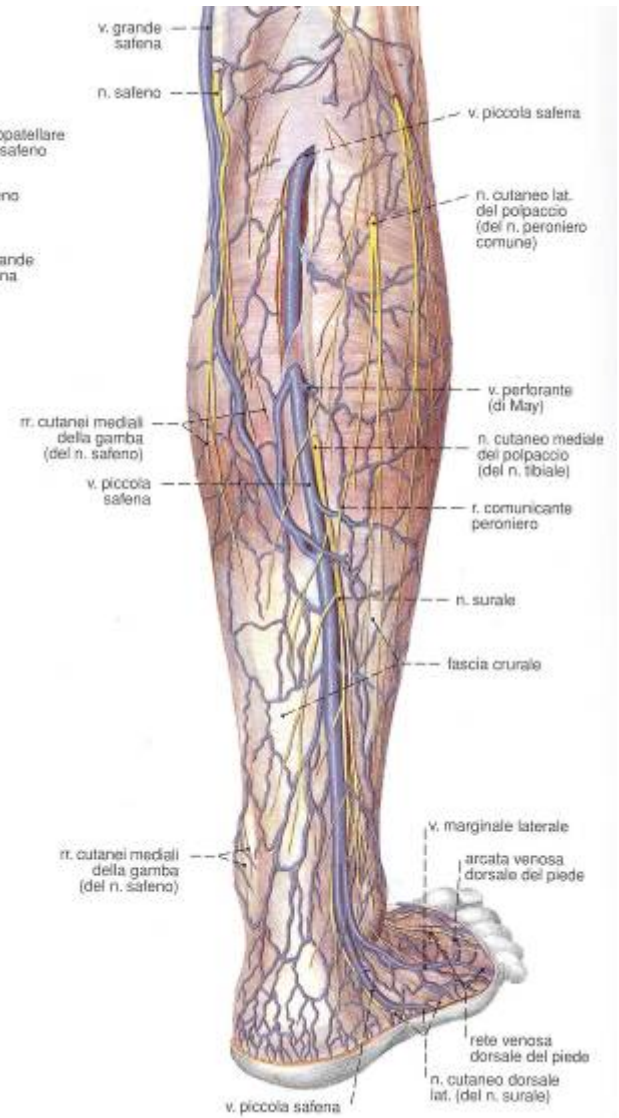
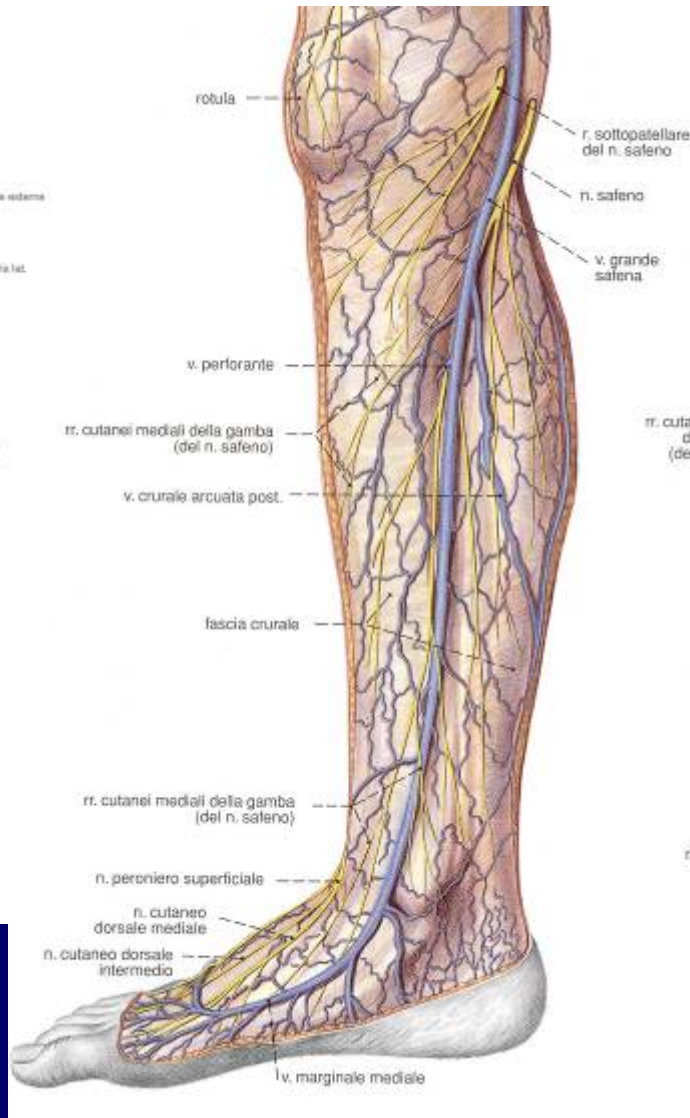
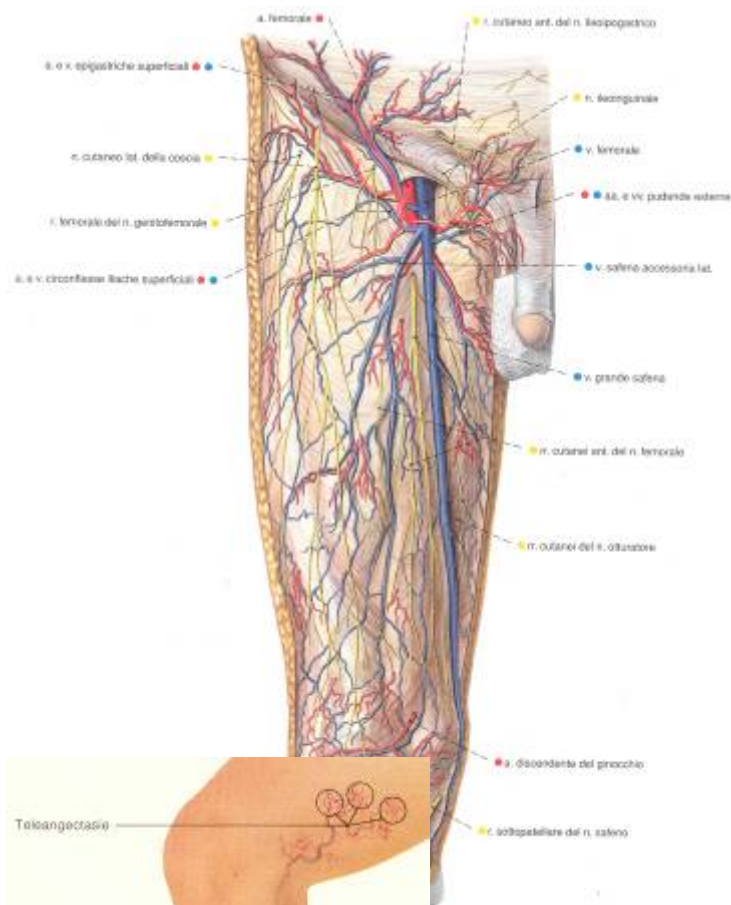




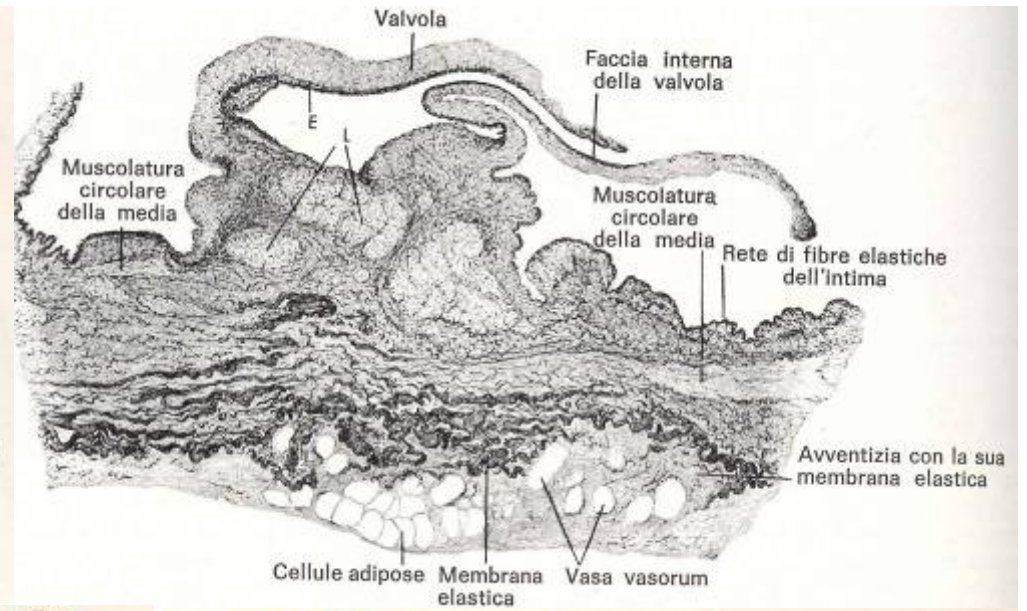
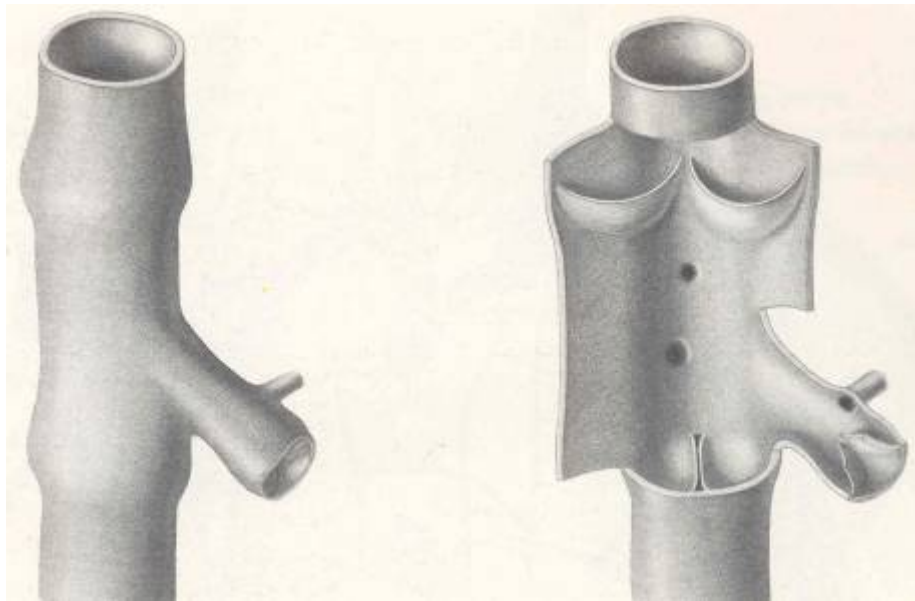
Vena di piccolo calibro
 muscolatura liscia
 disposta in due strati
 nella tonaca media
 (circolare interno e
 longitudinale esterno)



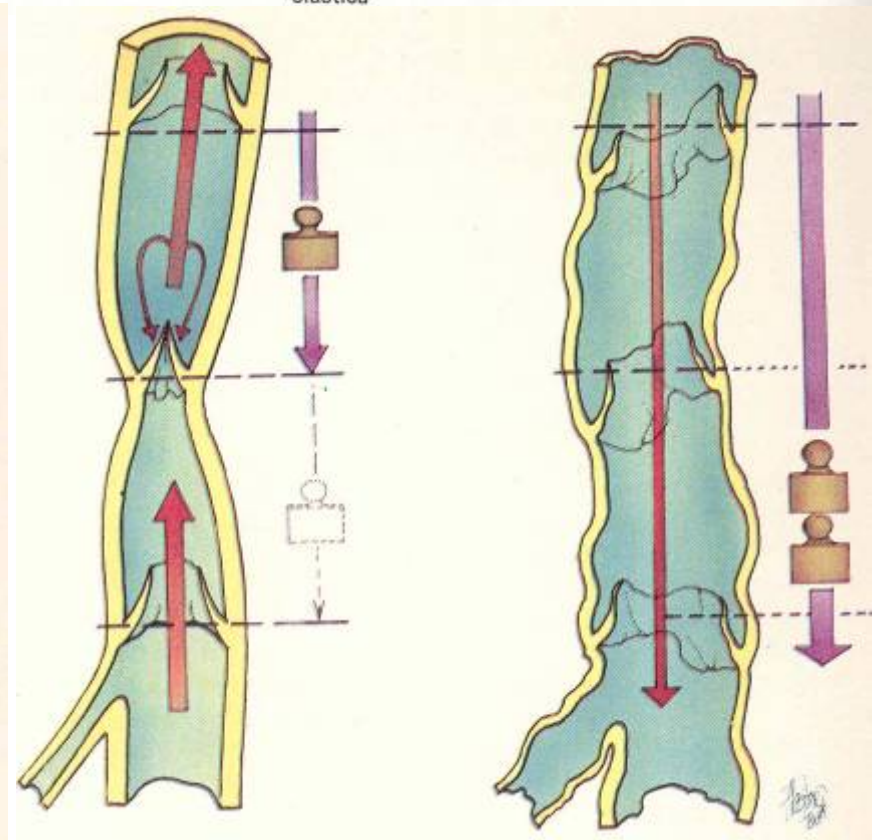
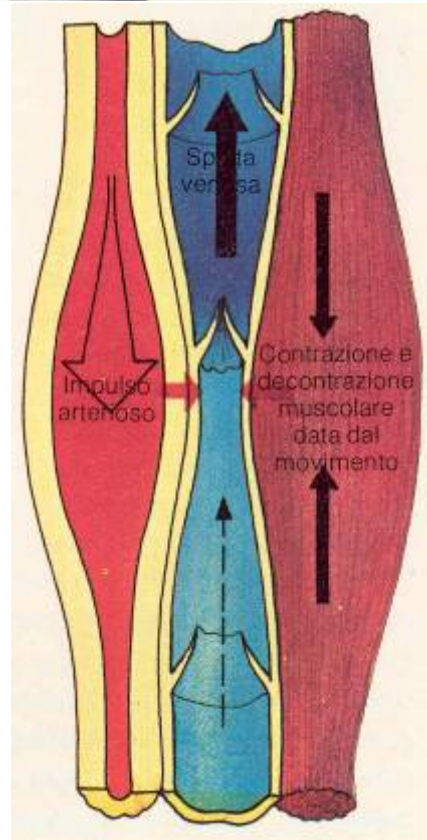
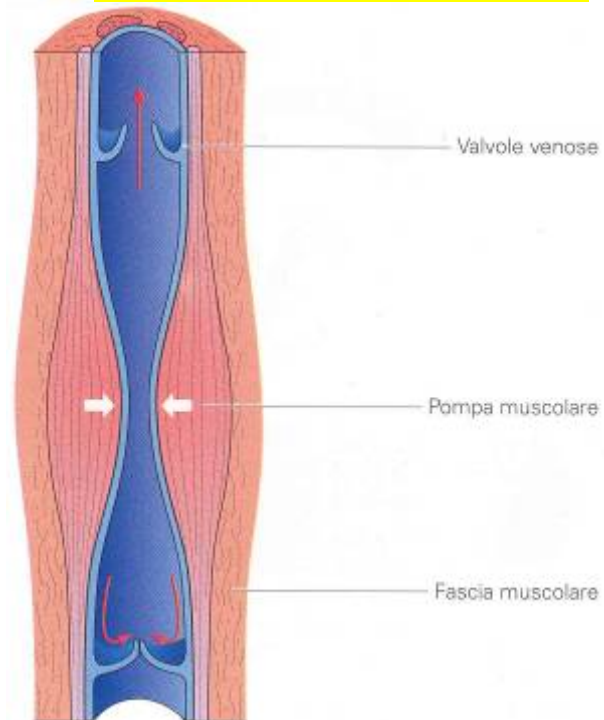
Vena di grosso calibro
 muscolatura liscia
 circolare nella tonaca
 media e longitudinale
 nella tonaca avventizia



VENE SAFENE

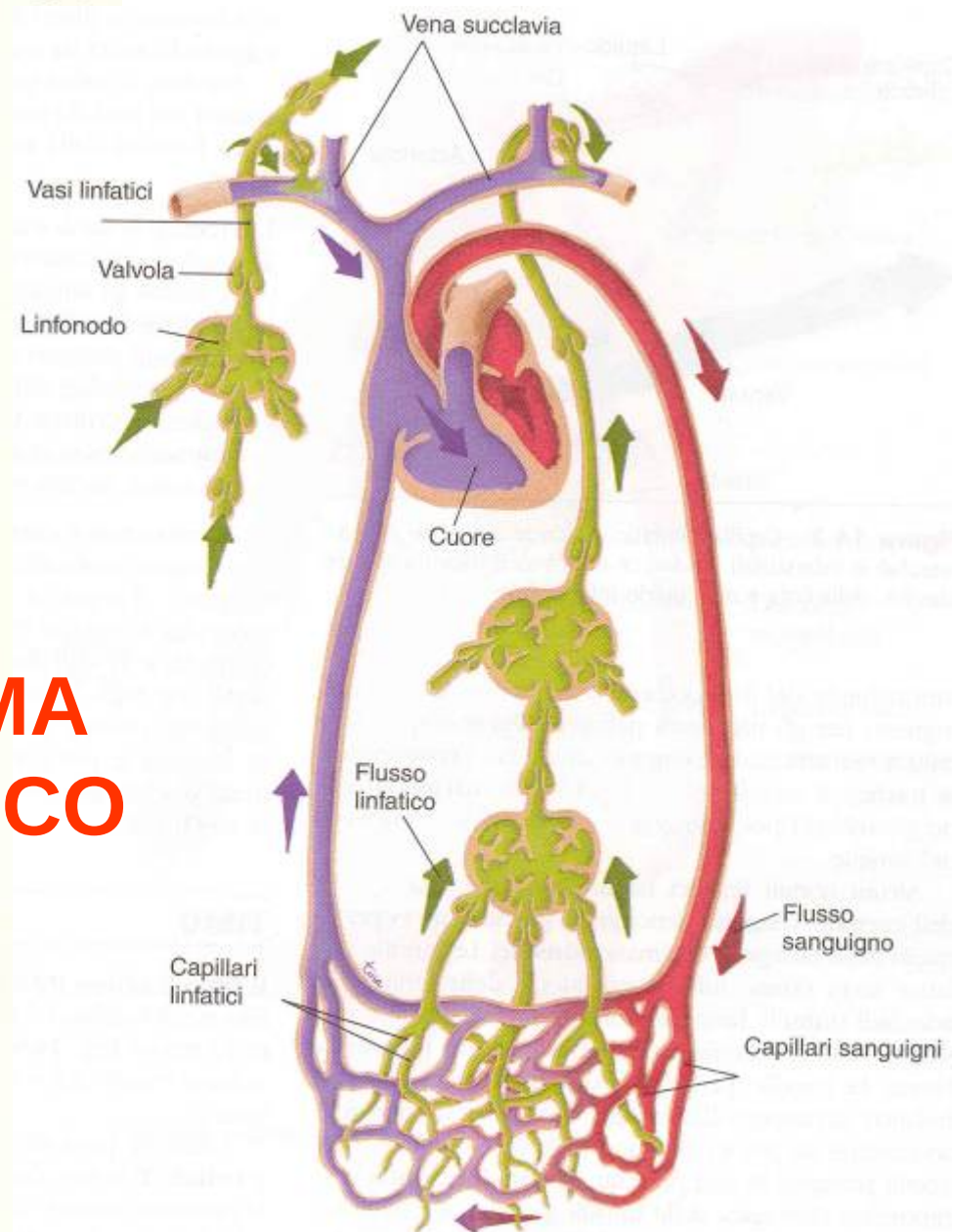


valvole venose





SISTEMA LINFATICO



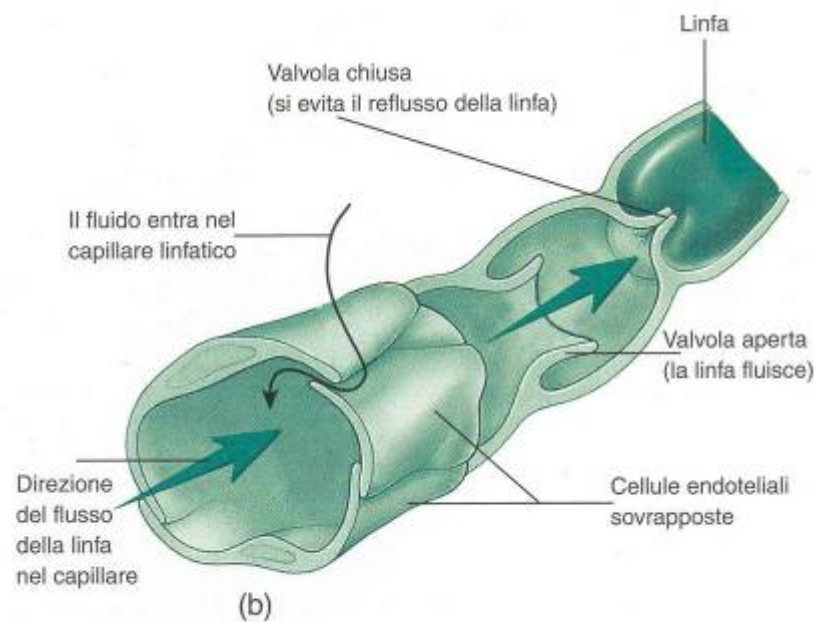
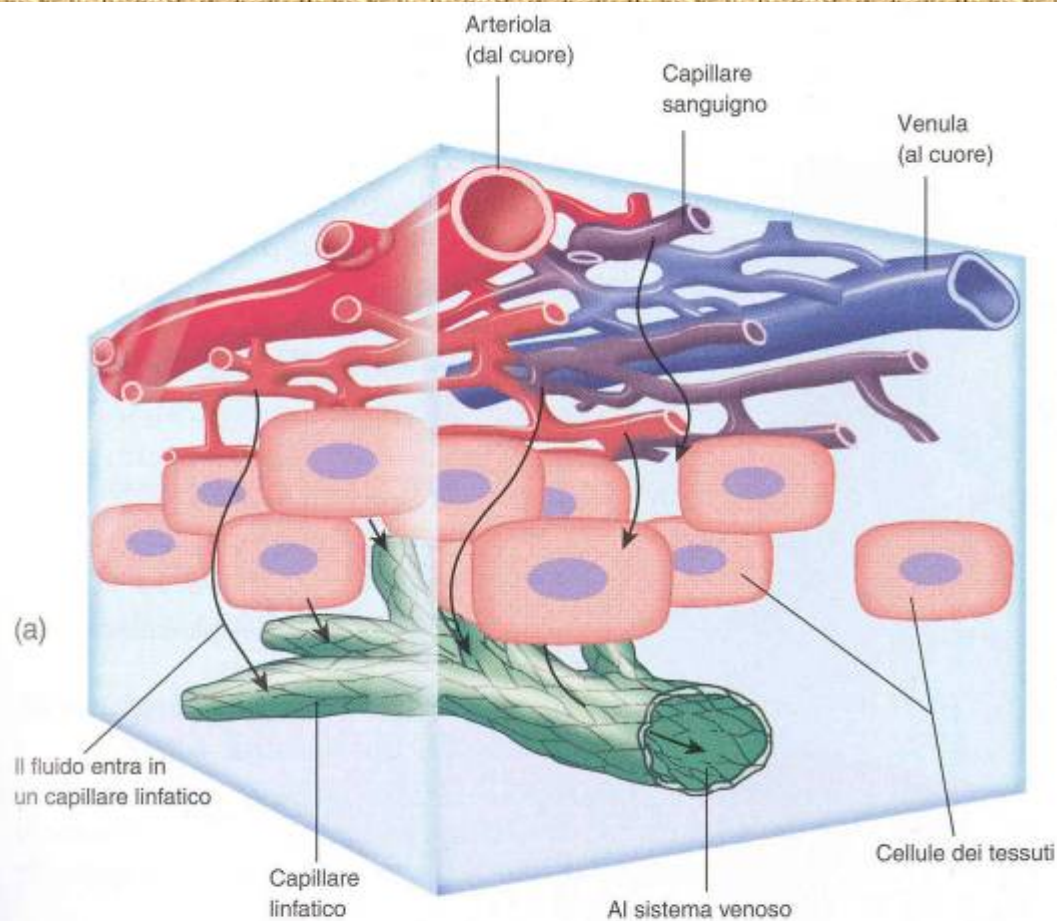
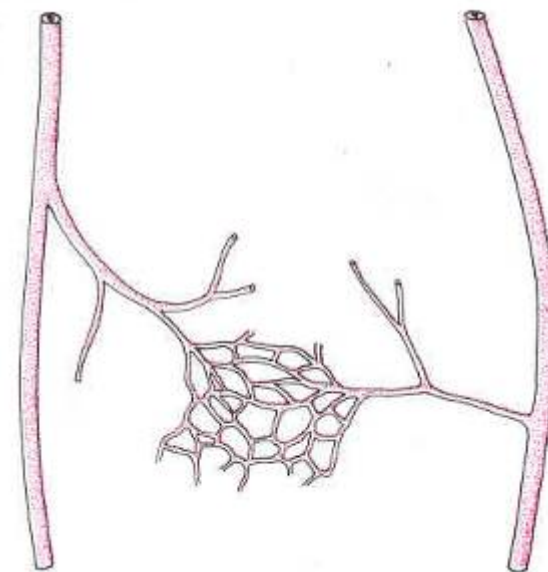
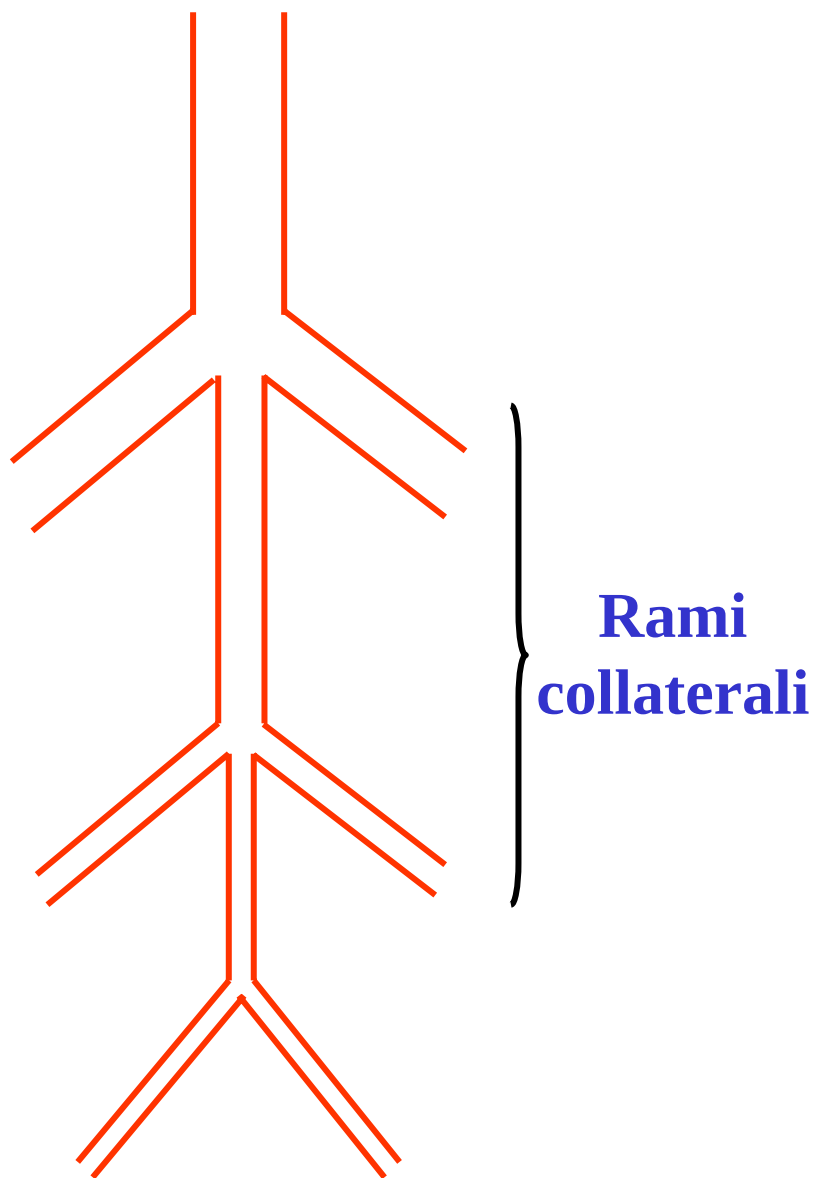
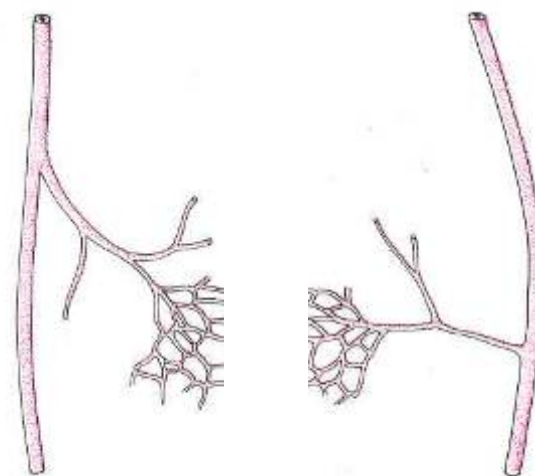


Figura 20.2 Formazione e circolazione della linfa

(a) Passaggio di fluido dai capillari del sangue nei tessuti e dai tessuti nei capillari linfatici per formare linfa. (b) La sovrapposizione di cellule endoteliali del capillare linfatico permette una facile entrata di fluido e previene un suo reflusso nel tessuto. Anche le valvole, localizzate lungo i vasi linfatici assicurano un flusso a senso unico della linfa.

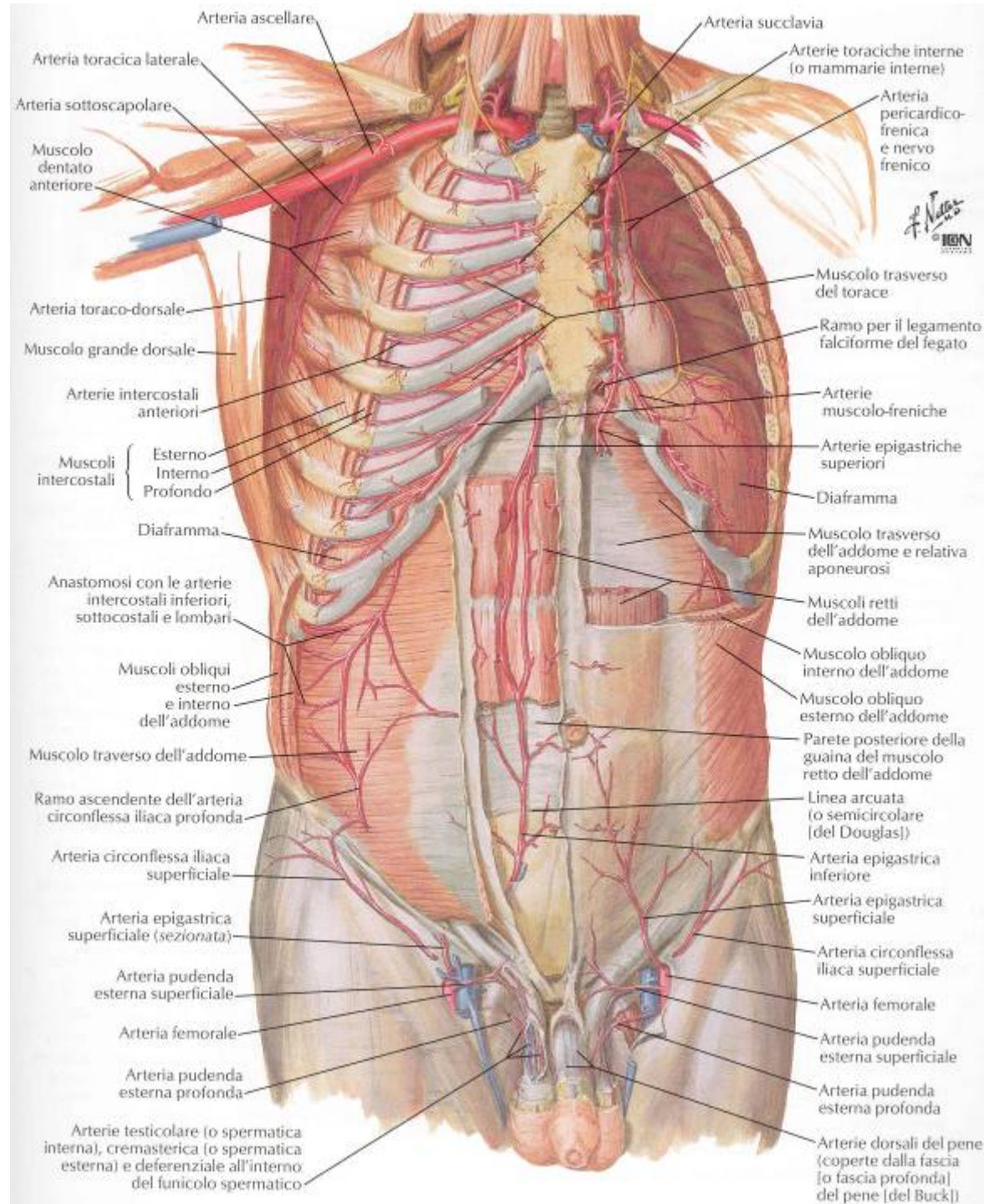


Circolazione anastomotica

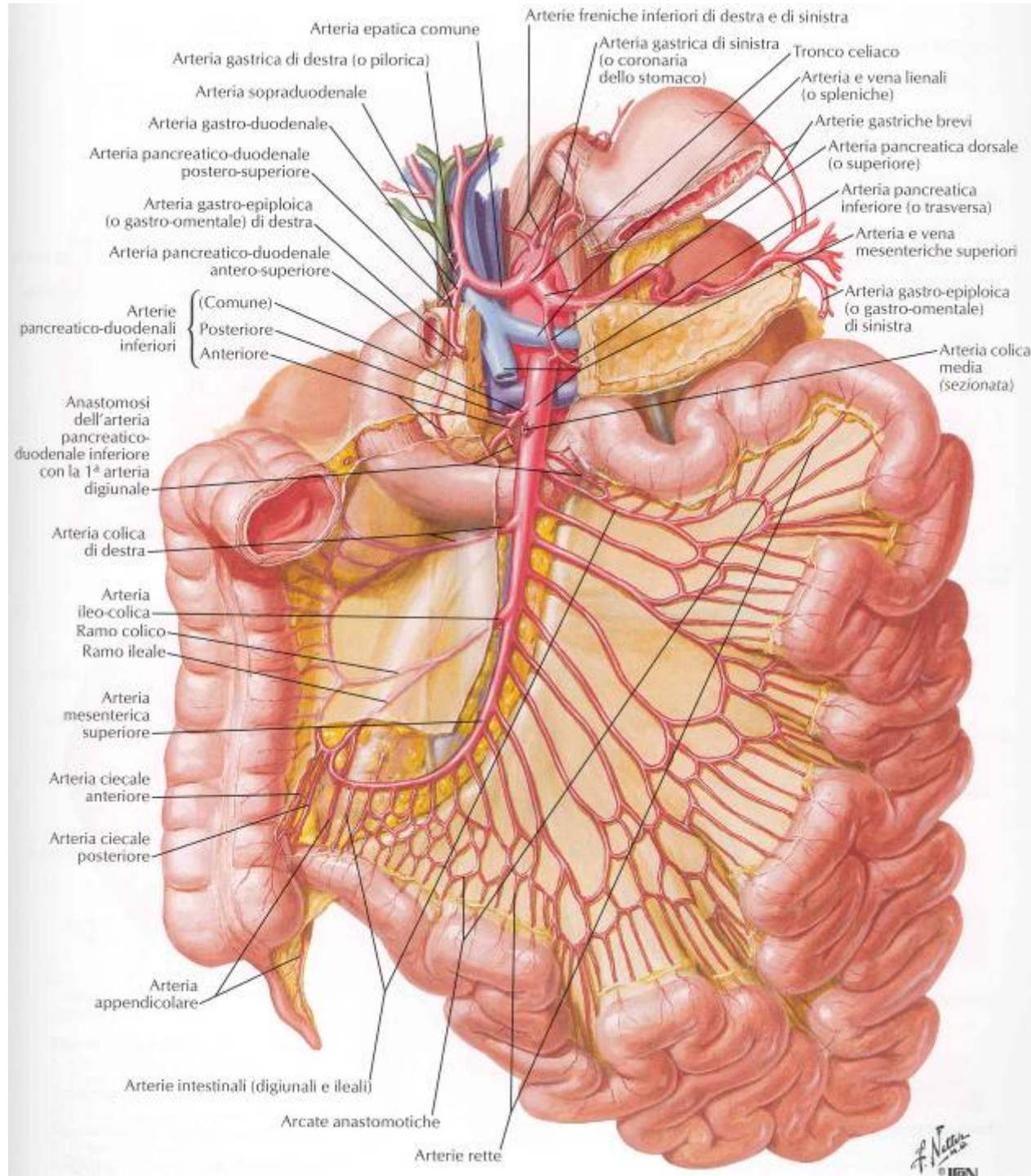


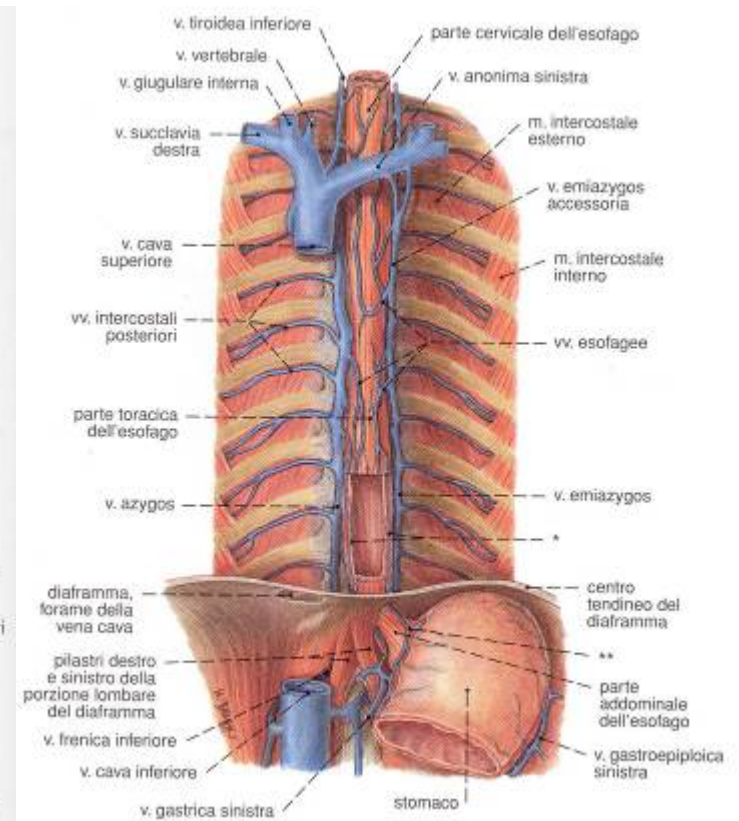
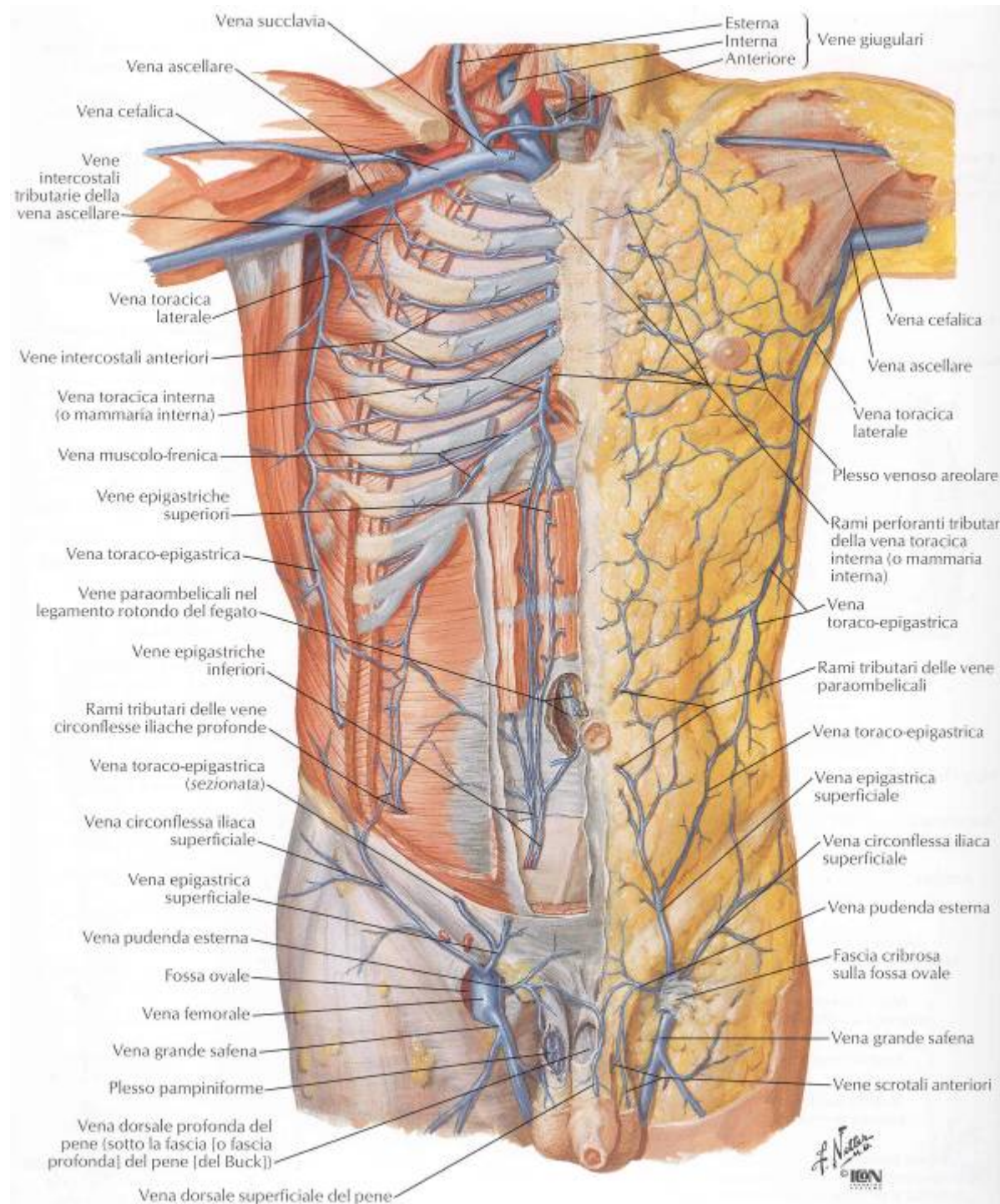
Circolazione terminale

circolazione anastomotica arteriosa superficiale

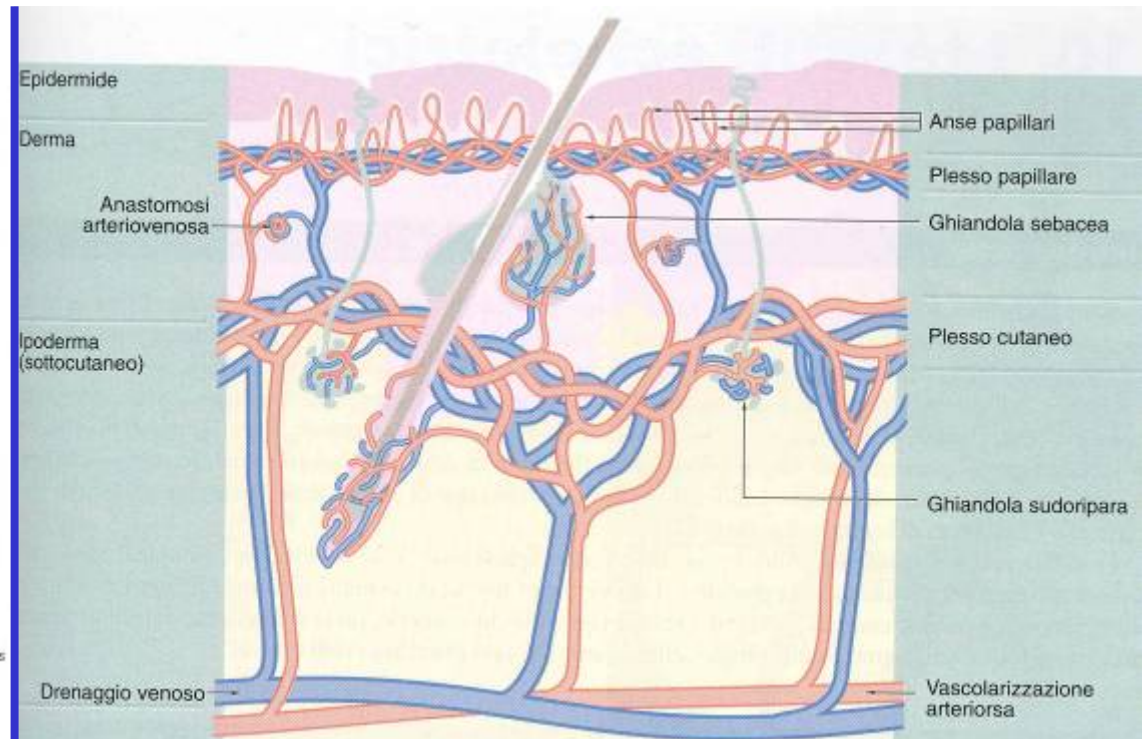
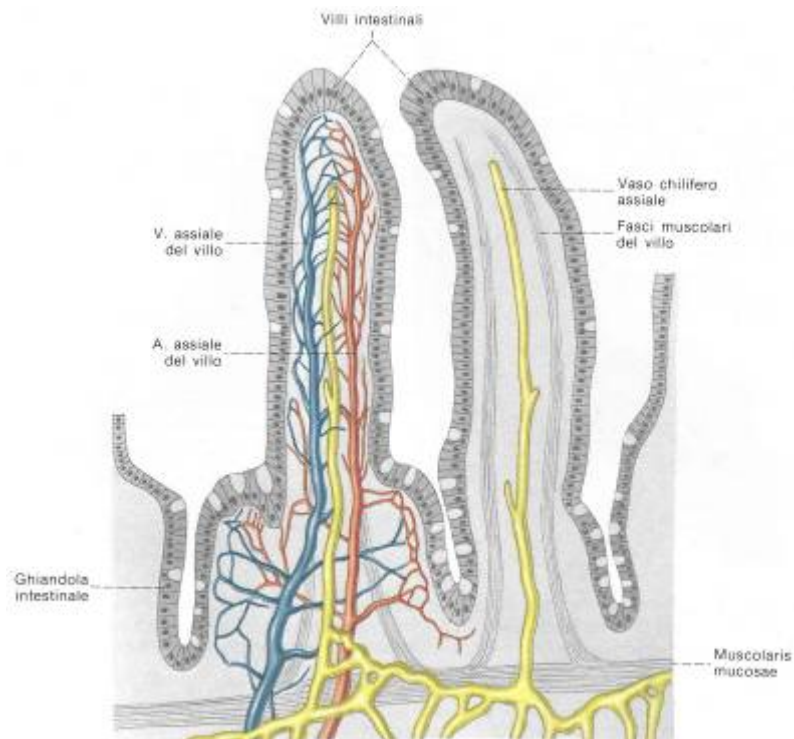


circolazione anastomotica arteriosa profonda



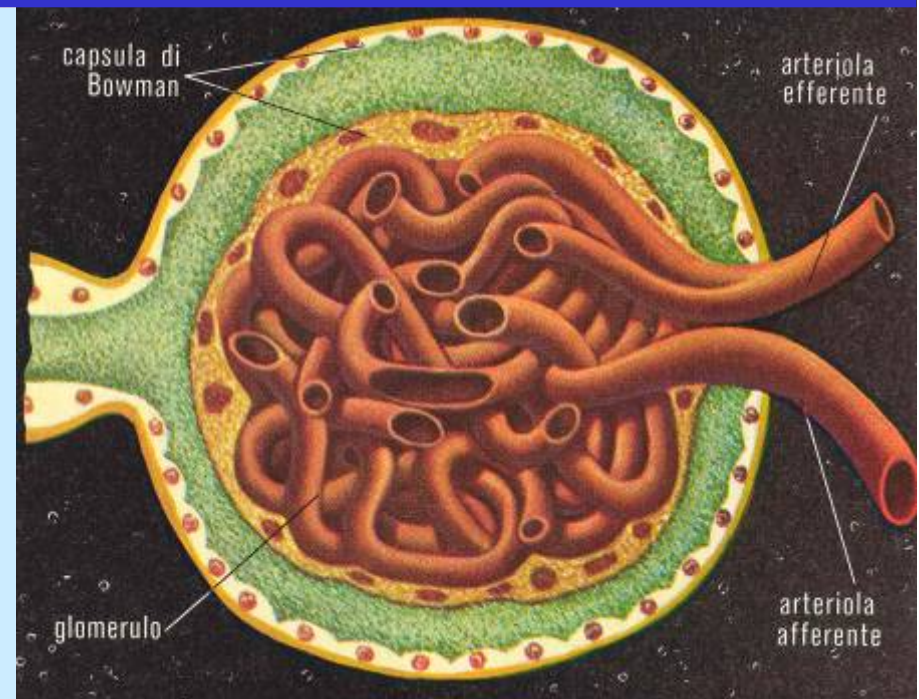


**circolazione
anastomotica
venosa
profonda e
superficiale**



anastomosi arterio-venose

rete mirabile arteriosa



rete mirabile venosa

