The Lymph Drainage System

Simplified diagram of the most important anatomical areas

Epidermis with blood capillary loop and an initial lymph vessel (Magnification)

BK = Blood capillary
IL = Initial lymph vessel
CP = Corium papilla

Initial lymph vessel
Phase of opening

E = Endothelial cells
AF = Anchor filaments
IF = Inflow of interstitial fluid
L = Outflow direction of lymph

Lymph vessels (green)
1. Lymph capillary (initial lymph vessel)
2. Precollector
3. Lymph collector (lymphatic ducts)
4. Deep lymph vessels
5. Lymphangion
6. Lymphatic trunk
7. Confluence (junction) of the lymphatic trunks in the veins
8. Afferent lymph vessel
9. Efferent lymph vessel

Blood Vessels (veins = blue, arteries = red)
10. Superficial vein
11. Superficial artery
12. Deep veins
13. Deep artery
14. Blood vessels of the musculature
15. Blood vessels of the lymph node

Lymphangion (longitudinal section) Phase of filling

Green arrow = inflow of lymph

Lymphatic node (section)

CA = Capsule
RS = Marginal sinus
SF = Secondary follicle
BK = Blood capillary network of the lymph node
8. Afferent lymph vessel
9. Efferent lymph vessel
10. Blood vessels of the lymph node

C = Skin (cutis)
E = Epidermis
D = Dermis (Corium)
S = Subcutis
M = Musculature
F = Body fascia
SP = Subcutaneous pseudofascia

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Systemic circulation

Outflow of fluid from the blood capillaries

Pulmonary circulation