HISTOLOGY
Spleen and lymph node

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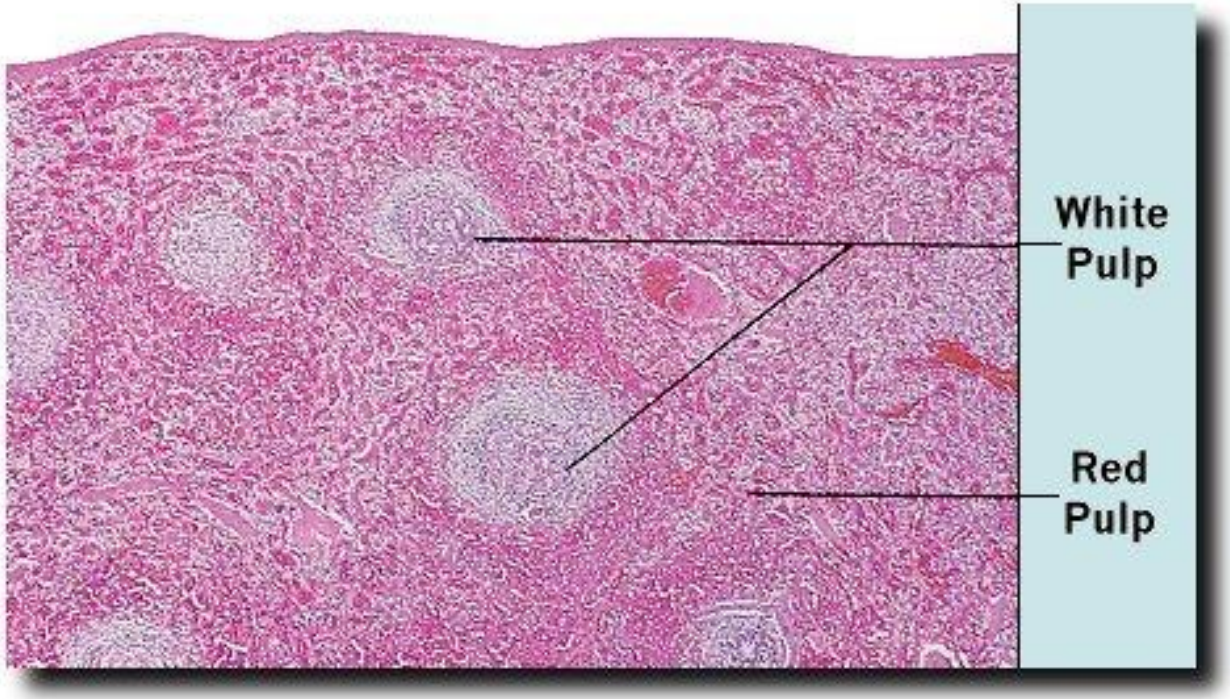
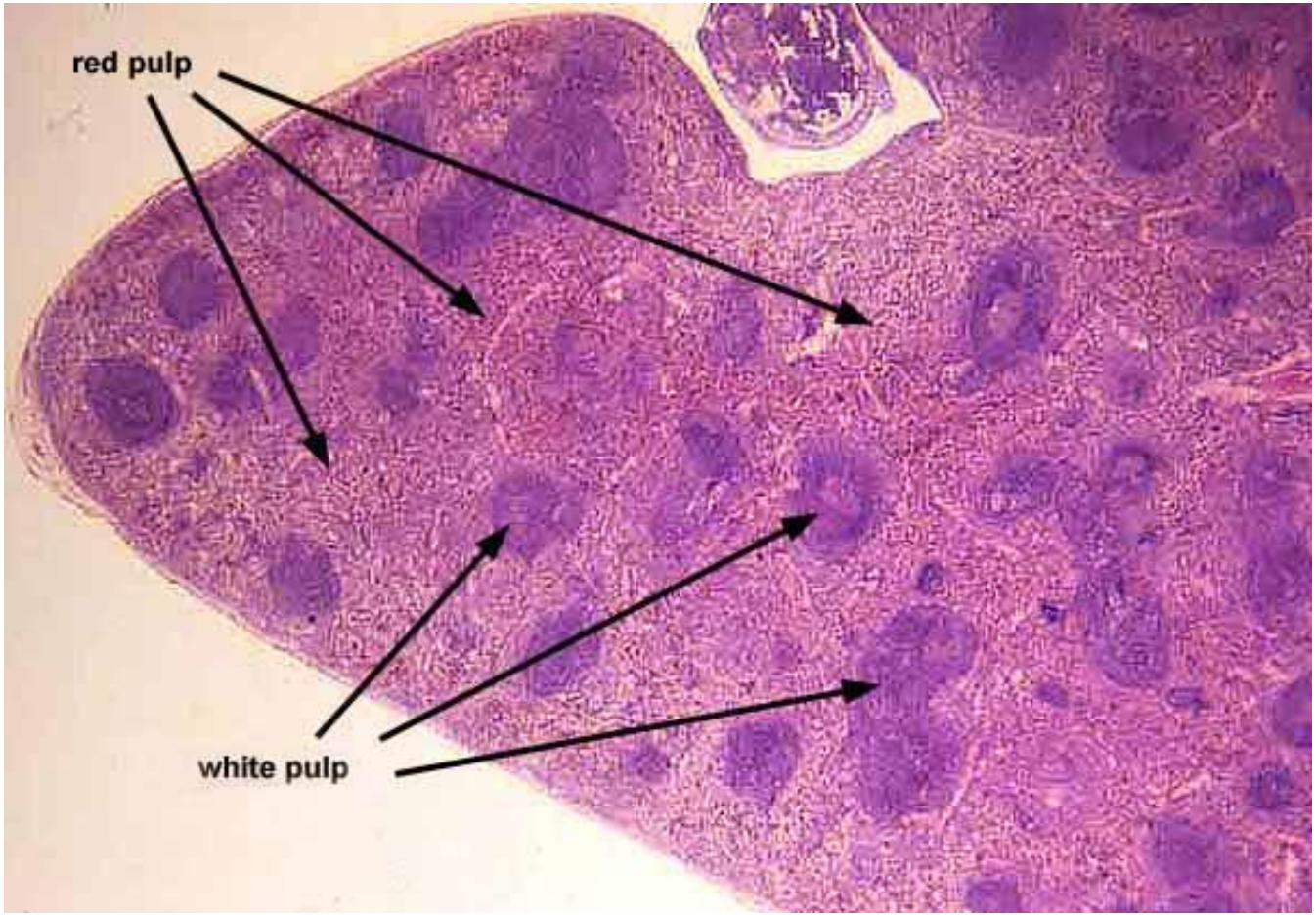
THE SPLEEN

The spleen is a fist-sized organ found in the upper left side of your abdomen.
It's an important part of your immune system but you can survive without it. This is because the liver can take over many of the spleen's functions.

The spleen plays very important roles in regard to red blood cells (erythrocytes) and the immune system. It removes old red blood cells and holds a reserve of blood,, and also recycles iron.

Which surrounded by capsule of dense connective tissue, it consist of two parts or pulps: the red pulp & the white pulp.

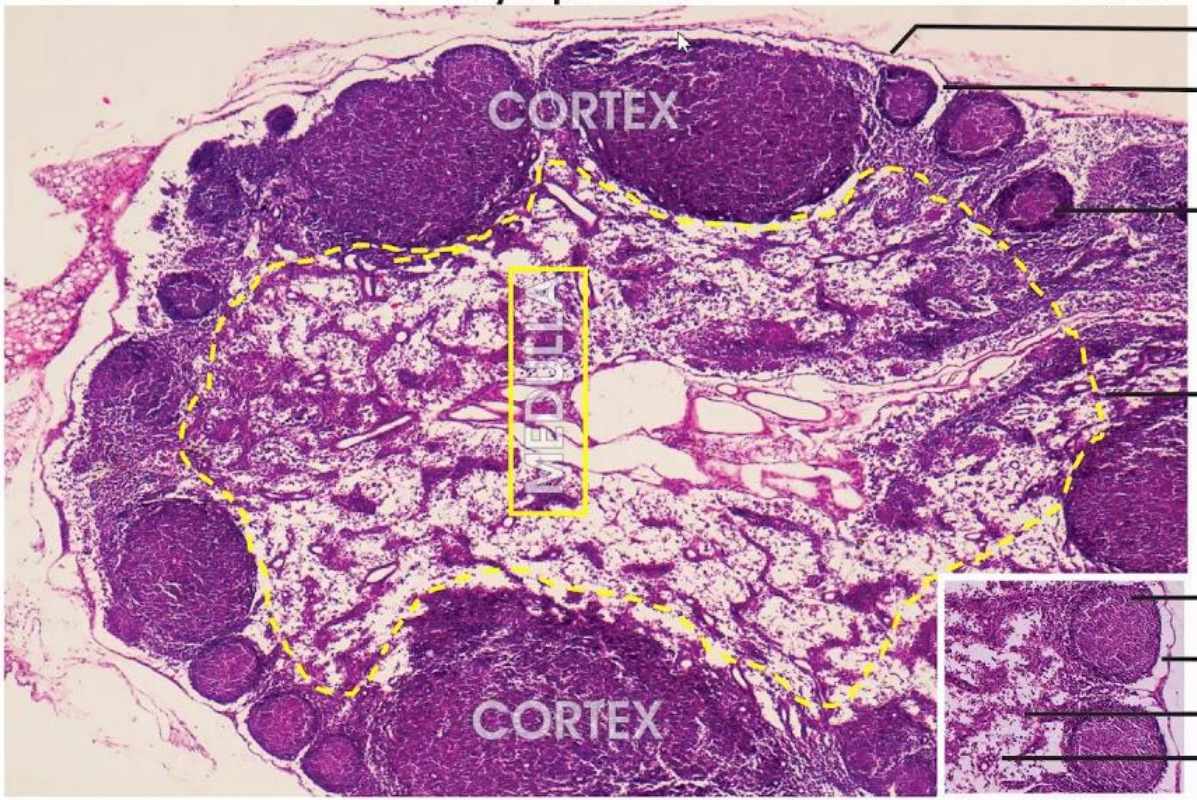



red pulp
white pulp

LYMPH NODE

Lymph node :A small bean-shaped structure that is part of the body's immune system.
They contain lymphocytes (white blood cells) that help the body fight infection and disease.
Lymph nodes are located in many parts of the body, including the neck, armpit, chest, abdomen.

Lymph node X40



Capsule

Sub capsular sinus

Lymphatic nodule

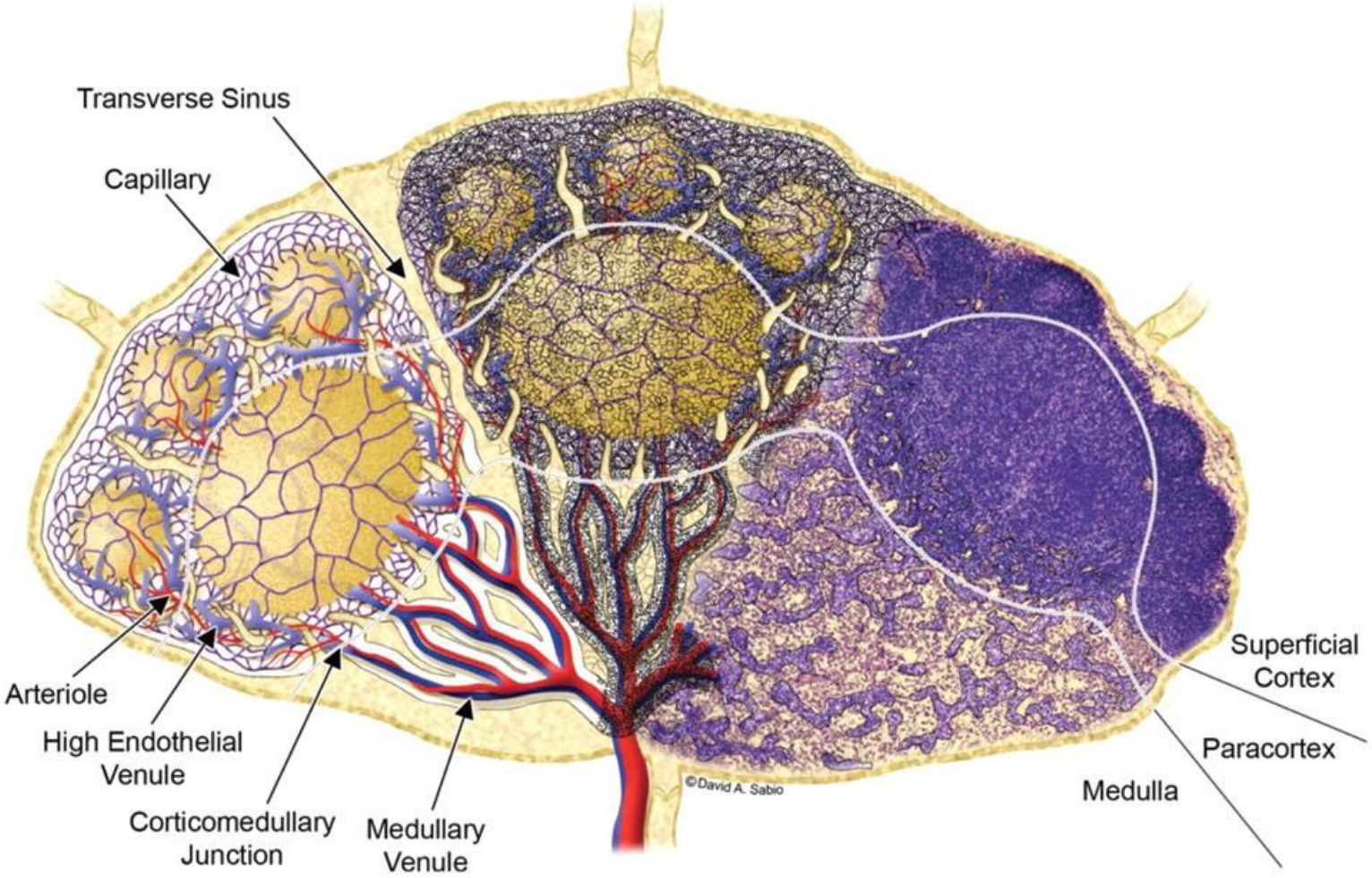
Paracortex

Lymphatic nodule

Sub capsular sinus

Medullary cord

Medullary sinus


Transverse Sinus
Capillary
Arteriole
High Endothelial Venule
Corticomedullary Junction
Medullary Venule
Superficial Cortex
Paracortex
Medulla
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