Lymph Flow

Path of Lymph Flow through a Lymph Node

- Efferent lymphatics (efferens, to bring out) leave the lymph node at the hilum. These vessels collect lymph from the medullary sinus and carry it toward the venous circulation.
- Lymph continues into the medullary sinus at the core of the lymph node. This region contains B cells and plasma cells.
- Lymph then flows through lymph sinuses in the deep cortex, which is dominated by T cells.
- Lymph next flows into the outer cortex, which contains B cells within germinal centers that resemble those of lymphoid nodules.
- The afterent vessels deliver lymph to the subcapsular space, a meshwork of reticular fibers, macrophages, and dendritic cells. Dendritic cells are involved in the initiation of the immune response.
 - Afferent lymphatics (afferens, to bring to) carry lymph to the lymph node from peripheral tissues. The afferent lymphatics penetrate the capsule of the lymph node on the side opposite the hilum.





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