

Lymph Nodes Under Arm

Lymph nodes become inflamed or enlarged in various diseases, which may range from mild throat infections to life-threatening cancers. The condition of lymph nodes is very important in cancer staging, which decides the treatment to be used and determines the prognosis. Lymphadenopathy refers to glands that are enlarged or swollen. When inflamed or enlarged, lymph nodes can be firm or tender.

Axilla The axilla is the space between the side of the thorax and the upper arm. Axillary artery and its branches, as well as the brachial plexus, lymph nodes and fat

The spread of some forms of cancer usually follows an orderly progression, spreading first to regional lymph nodes, then the next echelon of lymph nodes, and so on, since...

Mastectomy If the lymph nodes are also removed, additional side effects such as lymphedema (swelling of the lymph nodes) may occur. fluid in the wound). Upper limb problems

== Structure ==

Lymph node A large number of lymph nodes are linked throughout the body by the lymphatic vessels. A large number of lymph nodes are linked A lymph node, or lymph gland, is a kidney-shaped organ of the lymphatic system and the adaptive immune system. Lymph nodes are important for the proper functioning of the immune system, acting as filters for foreign particles including cancer cells, but have no detoxification function. They are major sites of lymphocytes that include B and T cells. A lymph node, or lymph gland, is a kidney-shaped organ of the lymphatic system and the adaptive immune system

Melanoma spread to the lymph nodes, one of the most important factors is the number of nodes with malignancy. The extent of malignancy within a node is also important;

Endomag the lymph nodes draining the primary tumour, the so-called 'sentinel' nodes. These can then be detected and excised during a sentinel lymph node biopsy

Radical mastectomy He employed an 'extended' radical mastectomy that included removal of lymph nodes located there and implantation. chain of internal mammary nodes under the sternum

Lymphatic system The Latin word for lymph, *lymph*, refers to the deity of fresh. large network of lymphatic vessels, lymph nodes, lymphoid organs, lymphatic tissue and lymph

== Physiology == The sentinel lymph node is the hypothetical first lymph node (or group of nodes) to which metastasizing cancer cells are likely to spread from the tumor origin site. Identification of the sentinel lymph node(s) following a cancer diagnosis helps assess the extent of metastasis and guide the development of an appropriate treatment plan.

Lymph node metastasis Tumor cells that grow in the lymph nodes can later detach from the lymph node metastases, enter the bloodstream, and lead to distant Lymph node metastasis is the spread (metastasis) of cancer cells into a lymph node. any part of the body

Follicular lymphoma The cancerous cells in FL typically form follicular or follicle-like. of lymphocytes) in the germinal centers of lymphoid tissues such as lymph nodes
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The sentinel node procedure (also termed sentinel lymph node biopsy or SLNB) involves identifying, removing, and analyzing the sentinel lymph nodes associated with a particular tumor. In SLNB, a tracer material—often a blue dye or a radioactive substance—is injected near the tumor site. The tracer travels to the first drainage site, allowing the surgeon to locate the sentinel nodes. After identification, the sentinel nodes are removed and sent for laboratory testing to determine the presence of cancer cells. 5cd24395fd

Sentinel lymph node Located throughout the body, they filter bodily fluids for harmful substances. The sentinel lymph node is the hypothetical first lymph node (or group of nodes) to which metastasizing cancer cells are likely Lymph nodes are small organs that play a critical role in the human immune system. fluids for harmful substances
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== Pathology == 5cd24395fd Lymph node metastasis is different from lymphoma. Lymphoma is a cancer of lymph node, rather than cancer in the lymph node, because lymphoma originates from the lymph node itself, instead of originating elsewhere (e.g., the breast or colon) and spreading to the lymph nodes. 5cd24395fd In the lymphatic system, a lymph node is a secondary lymphoid organ. A lymph node is enclosed in a fibrous capsule and is made up of an outer cortex and an inner medulla. 5cd24395fd

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