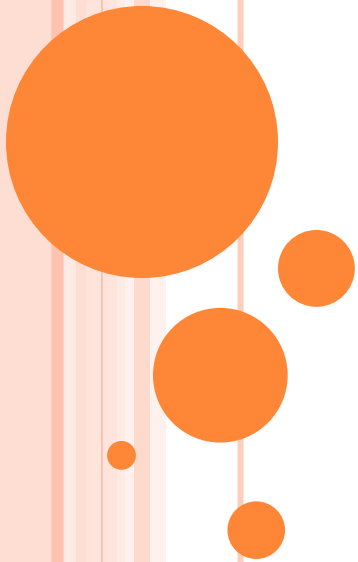


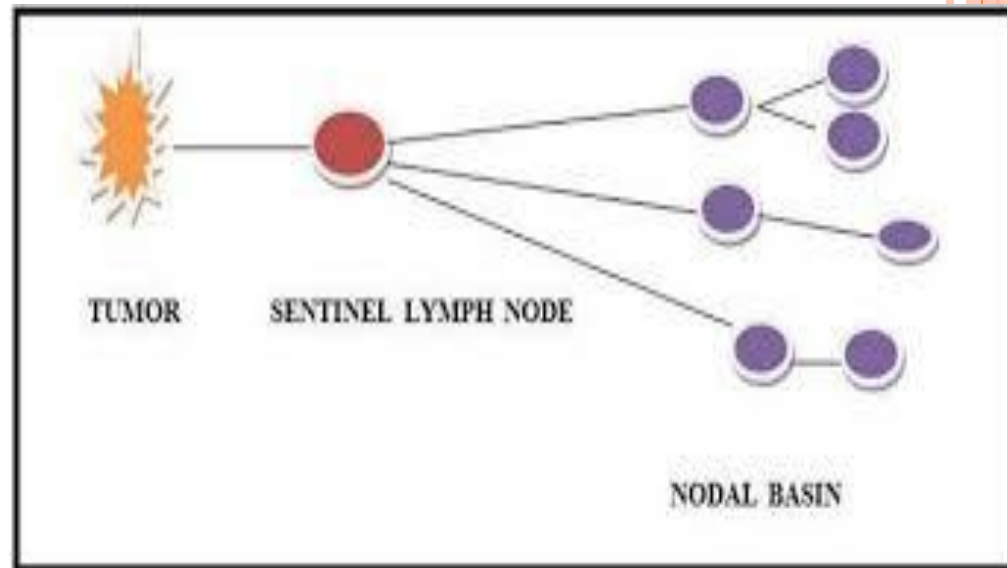
SENTINEL
LYMPH NODE

PROF . DR
ALAA EL- SUITY



DEFINITION OF SLN:

- A sentinel lymph node is defined as the first lymph node to which cancer cells are most likely to spread from a primary tumor. Sometimes, there can be more than one sentinel lymph node.



SLN BIOPSY:

- a procedure in which the sentinel lymph node is identified, removed, and examined to determine whether cancer cells are present.
- A negative SLNB : suggests that cancer has not spread to nearby lymph nodes or other organs.
- A positive SLNB : indicates that cancer may be present in other nearby lymph nodes and, possibly, other organs.

METHOD:

- a radioactive substance, a blue dye, or both is injected near the tumor.
- The surgeon then uses a device that detects radioactivity to find the sentinel node or looks for lymph nodes that are stained with the blue dye.
- Once located, a small incision is made in the overlying skin and the node is removed. 