INTRAOPERATIVE LOCALIZATION OF SENTINEL LYMPH NODES PROVIDED BY

# SURGEDSIGHT & SURGEDGUIDE



# SURGEOSIGHT

### **Intra-Operative Gamma Camera**





# SURGEOGUIDE

### Gamma Probe



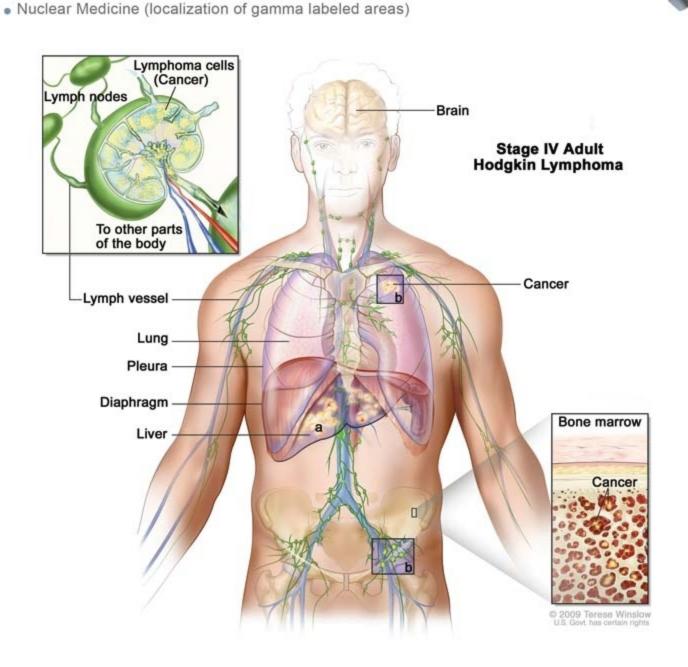
**SURGEDGUIDE** is a handheld device for intraoperative use following interstitial injection of a radionuclide, to locate regional lymph nodes by their radioactivity. It is used primarily for sentinel lymph node mapping and parathyroid surgery.

The intraoperative gamma probe technology with **SURGEDGUIDE**, is based on the injection in the tumor site of a radiopharmaceutical agent that emits gamma rays while it drains towards the lymphatic system. With the help of the gamma probe, the surgeon expeditiously locates the hot sentinel node(s) or cancerous tissues to be pathologically analyzed as these locations accumulate the radiopharmaceutical agent and have a higher gamma count rate than the background.

This technique has become wildly accepted in surgical oncology.



Urology cancers (prostate, bladder, testicular, kidney and penile)



# The main benefits of using **SURGEOSIGHT & SURGEOGUIDE** on cancer patients' surgeries are:





- 1. provides vital and real time information about the location and extent of disease and resection margins
- 2. Helps decrease the surgical time, the patient morbidity and improves the staging accuracy
- 3. Allows the surgeon to minimize the surgical invasiveness of many diagnostic and therapeutic procedures, whilst maintaining the cancer patient





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