

Gamma-SUP II *Wireless*

THE ESSENTIAL TOOL FOR THE SENTINEL NODE TECHNIQUE

- Ultra Sensitive crystal technology: Csi(Tl) + PM tube or + Photodiode
- Integrated collimator, light and easy to handle
- Detects the deepest nodes
- Wireless technology : bluetooth or radiofrequency
- Multipurpose platform (multi-isotope, multi-application)
- Equivalent performances and detection to the wire probes



CE n° 0459

Accuracy, Simplicity and Efficiency for minimal surgery



CLERAD

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ISO 9001 - ISO 13485

Gamma-SUP II ^{Wireless}

The Gamma-Sup II device is the essential tool for the detection of radiolabelled tissues



[View more specs online](#)

Gamma Sup II uses ultra sensitive Crystal Technology which enables to target deep-tissue lymph nodes. This results in shorter time procedures, less nodes excised and smaller incisions.

Technical features

- Detector: Csl scintillating crystal doped with thallium (**CsI(Tl)**) + PM Tube or + Photodiode
- Integrated collimator
- Best in class shielding: more than 99% for ^{99m}Tc
- Energy detected: between **40 and 511 keV**
- **1cm sensitivity**: >13.000 cps/MBq, **1cm resolution**: 1cm
- 3cm sensitivity: >1.900 cps/MBq, 3cm resolution: 3cm
- Length/Diameter: diam 15x260mm, diam 14x 290 mm, 12x 290 mm, 10x 600mm
- Multi-isotope detection: **^{99m}Tc, In 111, I125, I131**, one free channel, by default setted for **FDG**
- Original sound rate
- Highly visible digital display, 6 digits
- Control unit new connections: **Ethernet, RJ45, USB, Bluetooth**, possible remote diagnosis and calibration
- **Wireless technology available for all the probe diameters**

Medical applications and optimum ergonomics

- Sentinel Lymph Node detection for:
Breast, Gynecology, Urology, Dermatology, Head and Neck and Endocrinology
- Detection of radiolabelled tissues for the detection of metastases with **FDG, Ga 68, 18F DOPA**
- **ROLL and Seed** application for the research of infraclinical lesions and tumors in Breast cancer
- **12mm probe**: specifically designed for breast melanoma and parathyroid surgeries
Probes are available in both straight and angled tip versions
- **10mm probe**: used for laparoscopic surgery: this probe can be used with 12mm trocars
Probes are available in both frontal or lateral detection tip versions
- **14mm probe**: with its additional collimator can be used to detect higher activities such as FDG for detecting metastases
- **15mm wireless probe**: shorter length, very light probe with great robustness
photodiode technology

