

Even safer
radioguided
surgery,
with real time
optical vision



EXPANSION MODULE FOR PORTABLE
INTEGRATED CANCER DETECTION UNIT

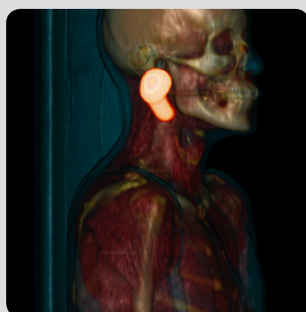


Sentinella Horus

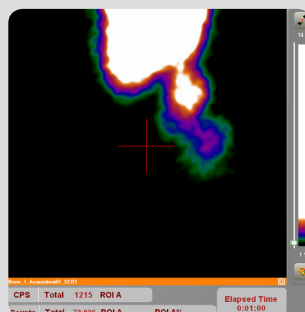
In Ancient Egypt, Horus, the Hawk, son of Osiris, represented protection and renewal. With our deepest respect for this five-millennium old tradition, Oncovision is now presenting, under the name Horus, the **first expansion module** to the multi-award winning Sentinella cancer detection unit, used every day by Surgeons and Nuclear Medicine Doctors in 35+ countries around the World in 30+ types of malignant tumors, with tens of thousand of patients successfully diagnosed and treated and dozens of papers presenting very strong clinical evidence.



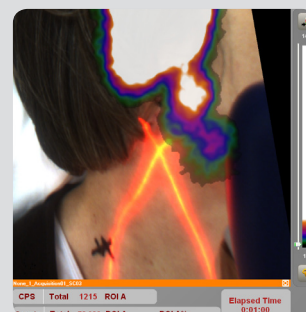
Lymphoscintigraphy



SPECT-CT



Sentinella



Sentinella Horus

Introducing even more accurate REAL TIME VISION in the OR and NM suite

As the logical next step in precision Oncological Surgery and dedicated NM explorations, the new Sentinella Horus module is adding to its revolutionary gamma camera a small golden satellite with two high definition optical cameras aligned with gamma field of view. REAL TIME visual combination of anatomy and FULL DEPTH gamma location of lymph nodes, tumors or other regions of interest is now at last possible, without reducing visibility or conditioning access to the surgical field, even in restricted access areas.

Unprecedented opportunities for precision surgery

Full correlation anatomy / functional image

Visual navigation: FASTER, SAFER surgery

Critical support in complex anatomical areas

Smaller incision, precision dissection of hidden nodes

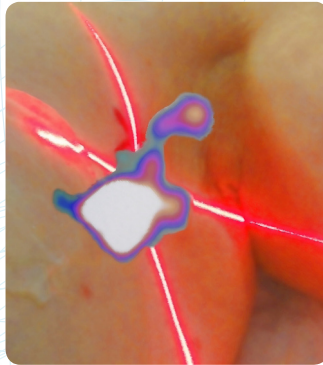
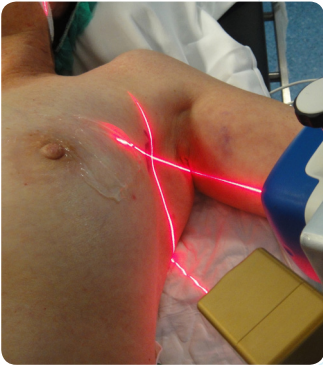
Guarantee of complete treatment

Clean field anatomy, ex-vivo / in vivo personalized assessment

Integrated wireless gamma probe, pointers, CAD tools

Exclusive Sentinella procedure documentation

Imaging, protocols, quality assurance

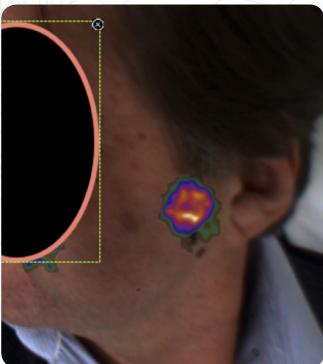
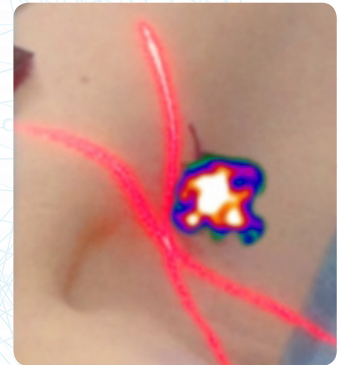


Improving accuracy and safety in BREAST CANCER SURGERY

Clear anatomical localization making possible optimum accuracy and minimum incisions, with Sentinelia's full depth of detection and very high sensitivity: **finding every active node, even if deep, hidden or extraaxillary**. Major clinical value also in ROLL and SNOLL

Easy and fast pinpointing small sentinel lymph nodes

Axilla, paraesternal, head, neck, groin can be complex anatomical areas where the **combination of real time gamma and optical vision** will be specially valuable for improved diagnosis and treatment, with additional value as quality assurance and as a teaching tool.

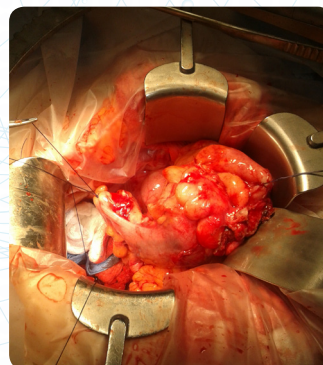


Full, seamless integration with Sentinelia

Sentinelia Horus is including a **golden satellite module** (two high definition optical/video cameras) attached to Sentinelia's gammacamera and an **advanced optical integration software**, both fully optimized to work with every Sentinelia tool (depth-distance measurement, pointers, laser, virtual lead, CAD...)

A true revolution in sentinel node navigation in visceral areas

Combined with Sentinelia's exclusive deep gamma detection capabilities, Horus allows for an **safer, easier and faster (real-time) identification** of every active area in open abdominal or thoracic surgery, with major positive impact in colon, gynecological and urological pathologies.





MULTIMODAL (OPTICAL VISION) EXPANSIÓN MODULE FOR SENTINELLA

FOUR Critical advantages for surgeons

- 1.- Reduction in **false negatives** in sentinel node biopsy in superficial draining tumors (breast cancer, melanoma, head and neck, vulva, etc.) by combination of gamma and optical detection.

Faster, more accurate procedures with minimum incisions, guarantee of "clean field"

- 2.- Helps in **personalized cancer surgery** in complex anatomical areas (head and neck, retroperitoneum, mesorectum) and small tumors

Real time gamma+optical assessment, multiple computer aid diagnosis (CAD) tools

- 3.- Opening a new clinical way for personalized lymphadenectomy in **deep draining tumors** (advanced SNB indications)

Fast optical localization + Sentinella´s full depth of detection, "clean field", documentation in-vivo + ex-vivo

- 4.- ...An innovative expansion module reinforcing strong positive experience tenths of thousands of patients worldwide, with strong multispecialty clinical evidence



Spain address:
Centro de Investigación
Príncipe Felipe (CIPF)
Eduardo Primo Yúfera, 3
46013 Valencia SPAIN
Ph. +34 963 722 472

USA address:
675 Third Avenue, Suite 226
New York, NY 10017 USA
Ph. +1 212 504 2920

www.oncovision.es

