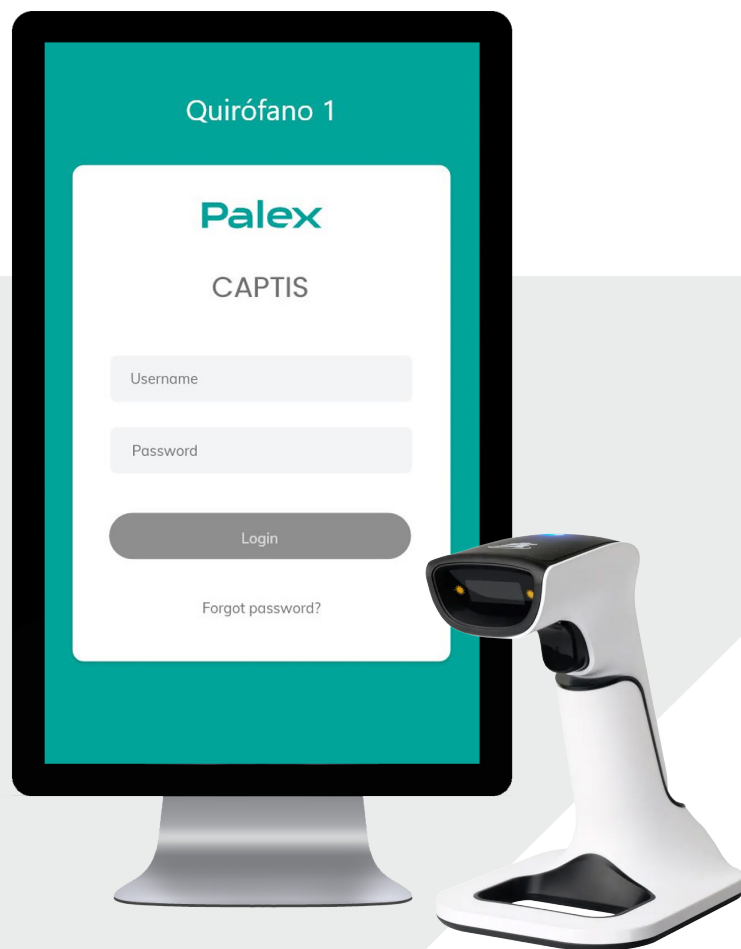


Dyane Captis

Consumption log system for surgery



Palex Medical

Solution for recording material on site

At Palex Medical, we are committed to introducing the latest innovations aimed at healthcare professionals.

Our **Hospital Logistics and Engineering** division has extensive experience in the hospital logistics sector. We provide built-in, automated solutions customised to suit each hospital to improve their resource management and increase the care quality offered to patients.

High hospital costs, constant attention on patient safety and the pressure health professionals endure every day mean it is more necessary than ever to implement systems that ensure safety and traceability in the products implanted in patients.

For this reason, here at Palex we have developed a solution for recording material consumed by each patient or intervention, which is fully integrated with the hospital's management system.

CONSUMPTION LOG
FOR ALL MATERIAL
IN SURGERY



ALLOCATION OF MATERIAL
TO PATIENT AUTOMATICALLY
IN THE OPERATING ROOM



SENDING OF CONSUMPTION
TO THE HOSPITAL'S
MANAGEMENT SYSTEM



SYSTEM FEATURES

- ✓ Availability of information on products consumed in each surgical intervention and their associated costs.
- ✓ Consumption log of implanted and non-implanted material.
- ✓ Availability of a control panel to generate reports based on configurable visual tools.
- ✓ Data integration with the hospital integration system (HIS) in order to ensure:
 1. Exhaustive control and allocation of costs at a service/ surgery level (vs. warehouse cost centre).
 2. Digitalisation of implant records for implanted products.
 3. Order automation.

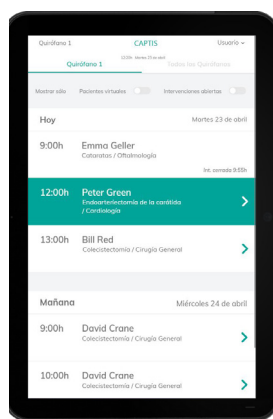


Dyane Captis

System operation

The solution consists of a touch screen along with a barcode reader that, in combination, allow the consumption made throughout an operation to be logged via a quick, simple graphic interface.

The device, which is fully integrated with the HIS, is installed in the place of intervention where consumption is logged and the data are later sent to the corresponding management system. The solution can be installed on computers or tablets already available at the centre and also has a management web page that can be accessed from any device connected to the hospital network so reports may be consulted.



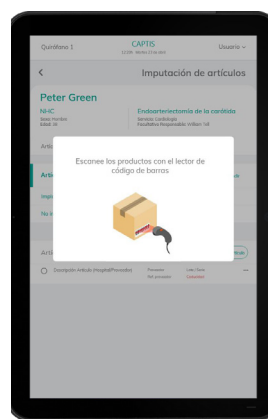
INTEGRATION WITH SURGICAL PROGRAMMING

Integration with programming for surgery and emergency patients assigned to the operating room.

Proposal for surgery according to time and operating room.

General overview of all other operating rooms and their surgical interventions.

Capacity to create virtual patients and allocation to real ones.



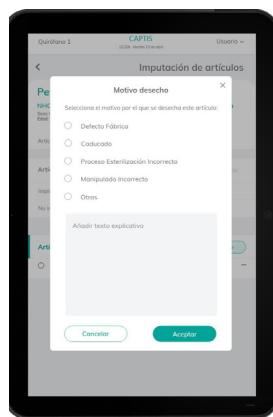
CONSUMPTION LOG

Opening and close/confirmation of surgical interventions in terms of allocation.

Capacity to read all kinds of bar and two-dimensional codes: GS1 and HIBC.

Availability of a drop-down menu for manual categorised search.

Differentiation between implantable and non-implantable materials.

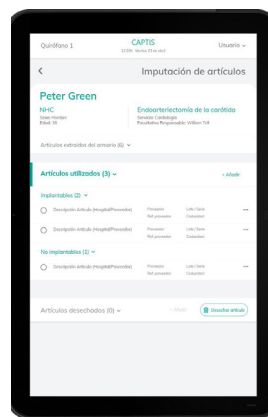


DISCARDING ITEMS

The system allows items that have been consumed but not used on the patient to be discarded.

The items marked as discarded will be considered in terms of consumption and costs but not to be assigned to the electronic health record (EHR) of the patient.

Capacity to indicate reason for the item being discarded using a selector and free text box.



DIGITALISATION OF IMPLANT RECORDS

Once the surgical intervention has been closed, the system can automatically send the data to the hospital's management system and generate the implant record.

Personalisation of data and corporate image of the implant record.

MANAGEMENT SOFTWARE

Reports and use of data



Representation of total, unit and comparative data:

- Surgical intervention and operating room
- Patient demographics
- Medical equipment
- Cost analysis per surgical intervention
- Implantable/non-implantable products consumed
- Unused consumed products



SUPPLEMENT THE SOLUTION WITH DYANE SMARTCABINET

Smart RFID cabinet for managing
high-value material

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