

**DIANE | ICU**

A BOW MEDICAL brand



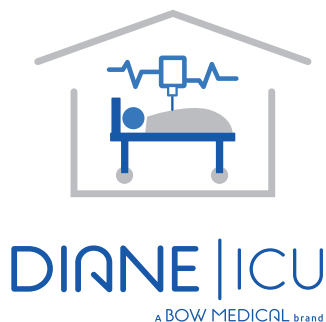
**Manage with efficiency**  
your intensive care unit.

  
**BOW MEDICAL**  
SOFTWARE

**Patients in intensive care, critical or continuous care units are generating a considerable amount of data due to the complexity of their treatment.**

Several parameters influence the nature of these data such as age, morphology, diseases contracted. For each patient, approximately 8000 data, are generated daily.

The implementation of a dedicated Clinical Information System (CIS) within a critical care structure is the appropriate response to ensure the collect of the medical information, the traceability of the prescription, the confidentiality duties, the security of the medical record and the optimization of the patient care.



**DIANE ICU allows data to be shared by all the health care providers within the same intensive care unit through a collaborative space where everyone, depending on their level of accreditation, will identify or file useful information for the care of the patient.**



**To facilitate the responsiveness** of the health care providers.

DIANE ICU offers a comprehensive visualization of the intensive care unit. The patient's medical record is done with a simple click from the dashboard, at any time and from all the access points of the intensive care unit. The data resumption is done without any copy and is particularly useful when generating reports

**Continuous care** survey.

DIANE ICU is based on a unique database, common for anesthesia and critical care. The continuity of the data is ensured from the critical care to the anesthesia charting up to the care plan file and vice versa

In order to maximize security and to anticipate potential network disruption, DIANE ICU's architecture has been designed to operate in disconnected mode from its database, ensuring the reliability of the support. The continuity of care is ensured with Patient Record accessible from several workstations simultaneously as long as the local network is operational.



# Improving the patient care.

DIANE ICU unloads the caregivers from time consuming administrative tasks helping them to focus on their care plan.

The software ensure the automatic management of the liquidian scale, of the dilution management, and billing. Towards a total dematerialization of the charting sheet.

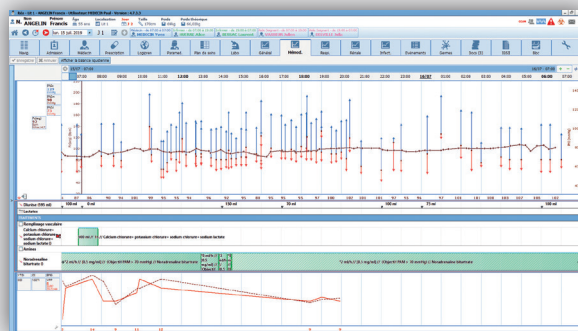
Bow Medical has developed a large library of drivers to connect Medical Devices used in critical care units. All the Data coming from monitors, respirators, infusion pumps, analyzers blood gases, CECs, etc. are collected in real-time, then structured and displayed in different forms. At that time more than 410 equipments are supported.



# Improve the patient monitoring efficiency.

All laboratory results are integrated automatically in DIANE ICU.

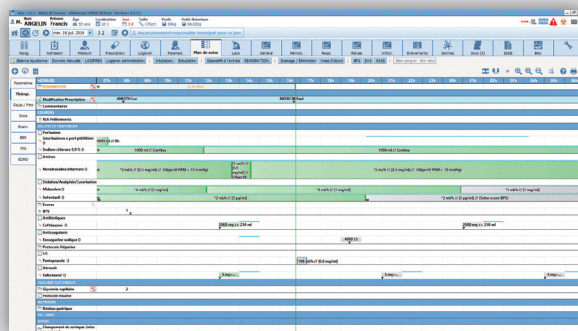
The overall results can be displayed graphically with curves and time scale modulation. The caregiver will analyze within the same sheet the data from different sources (laboratory, medical devices, drugs, ...) in order to evaluate the overall patient health conditions.



# A customizable care plan.

Each specialty ward can model its workspace according to their specific needs allowing a quick start with the system.

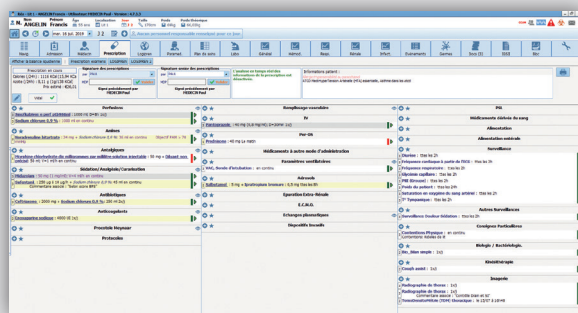
To further secure the care plan, especially when the actual occurrence requires to be modified, a dedicated rule's engine allows the caregiver to document caregiver. This documentation reflects the reality and offers reliable medical track record.



# A complete prescription tool.

DIANE ICU prescription engine integrates that fits the the caregiver's need of reactivity and efficiency.

Based on the intensive care unit protocols, the electronic prescription reduces the risk of manual errors like (overdoses, contraindications, drug interactions, reading error...). On the other hand, the display on a single screen provides a global view regarding the patient care and will improve the prescriber's reactivity.



# DIANE ICU

Manage with efficiency  
your intensive care unit.



## STABILITY

More than 510 beds  
already equipped  
in intensive care.



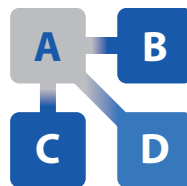
## ERGONOMICS

Designed to replace 80%  
of data entry with only  
one simple process.



## FLEXIBILITY

Pilot the Pilot critical  
care process.



## INTEROPERABLE

Connected to  
more than 410  
medical devices.



## RULES' ENGINE

Architecture around  
a protocols' library  
and a rules' engine.



## MEDICAL DEVICE CERTIFIED CE

DIANE ICU  
prescription engine is  
certified as medical device,  
manufacturer in the sense  
of the Directive 93/42/EEC.

The DIANE prescription engine is a medical device of BOW MEDICAL, manufacturer within the meaning of Directive 93/42/EEC, bearing the CE marking under that Regulation. It is intended to assist with medical prescribing and care planning.

BOW MEDICAL reserves the right to make changes to the characteristics and / or stop the production of any product, at any time and without obligation of notice. In no event will the company be held responsible for any consequences resulting from the use of this publication.