

DIANE | ANAESTHESIA

A BOW MEDICAL brand



**The solution**  
for facing the challenges  
of anaesthesia.

## DIANE ANAESTHESIA realize the main functions of a computerized anaesthesia record.

In a stressful environment where every action count, it is always very difficult to stay focused and make the right decisions during the anaesthesia phase as the patient's condition is constantly changing.

### It is therefore imperative to:

- Monitor patient status information in real time.
  - Reflect the accuracy of the overall care.
  - Generate quickly the documentation related to the intervention to ensure the continuity of the patient journey.
- Designed for doctors and nurses, Diane software suite has become in 20 years the reference in the anaesthesia segment. Deployed in 2,600 surgery rooms, our solution addresses the challenges faced daily by the surgery room staff.

### Facilitate and simplify clinicians' tasks.

DIANE ANAESTHESIA is a flexible and fully customizable solution, allowing adaptation to all the clinical processes of different departments within the same hospital.



**DIANE ANAESTHESIA allows to realize the main functions of a computerized sheet of anaesthesia.**



## A medical care for prior, perioperative and post-surgery

**DIANE ANAESTHESIA covers all phases of the patient journey from:**

- Appointment management through the pre-anesthetic's visit until post-surgery
- The postoperative surgery phase includes SSPI as well as follow-up in intensive care

DIANE ANAESTHESIA is interfacing with all online appointment scheduling software available on the market. In order to better meet the needs of anesthetists, a quick admission mode allows the data entry during the pre-anesthetic consultation.

During the perioperative phase preparation, Diane will be able to interface with all the medical devices up to 410 different

equipment for which BOW MEDICAL has developed a dedicated interface.

The drivers developed are guaranteeing the hospital a great flexibility and an integration speed for the deployment of our software solution.

The real-time data collection will provide to the anesthetist an important information necessary to make crucial decisions.

## Monitoring care continuously

**DIANE ANAESTHESIA relies on a unique database, common for anaesthesia and intensive care unit. The data continuity is therefore ensured from the digital resuscitation monitoring sheet to the anaesthesia file and vice versa.**

To cope with a potential malfunction of the computer network, the DIANE ANAESTHESIA architecture was designed to work in offline mode from its database, in order to maximize the security and reliability of the support. The patient recording file could be accessed and modified from several workstations simultaneously as long as the local network is operational.

Thanks to its drivers library allowing a native interconnection with all the medical devices available on the market (fans, push syringe, monitor), DIANE ANAESTHESIA collects the data in real time, improving the treatment efficiency. The health care team becomes more efficient and more responsive. DIANE ANAESTHESIA also supports a query engine for statistical and reporting analysis.



## Ergonomics and intuitive navigation.

To facilitate navigation between the different surgery phases for the different users, a unique software interface has been implemented.

Vacancies or occupied beds are displayed graphically, navigation from one bed to another is simple, improving the overall management of the recovery room.

The navigation between the various surgery phases becomes more intuitive.

## Simplifying the administrative work.

DIANE ANAESTHESIA integrates tools facilitating the management of the medical recording file and the support of the patient care: Like a print engine, a quick entry module, the internet connection. DIANE ANAESTHESIA ensures the documentation during all phases of the clinical process from taking appointments up to the exit of the operating room and the recovery room.

The print engine automates and speed up the reports and the prescription generation as drugs switches processes and biological assessments.

## Improving patient care during the perioperative phase.

DIANE ANAESTHESIA software can be linked to more than 70 different software vendors, including other modules from Bow Medical.

As soon as the anaesthesia consultation is completed, it will be possible to start the patient follow-up process. This could be done before and after surgery, by a simple contextual call from our «AMBUCARE» tracking solution. During all the follow-up process, the data are exchanged on daily basis with the Hospital. Ambucare is collected all information such as (RDV, prescriptions, background, reports, complications, care plans.



# DIANE ANAESTHESIA

The solution for facing  
the challenges of anaesthesia.



## STABILITY

Deployed  
in more than 2600  
operating rooms.



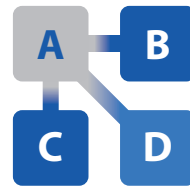
## ERGONOMICS

Designed to optimize  
80% of seizures in one  
operation.



## FLEXIBILITY

Setting up user interface  
according caregivers'  
habits.



## INTEROPERABLE

Interfaced with  
more than 410  
medical devices.



## ENGINE RULES

Architecture around  
a complete rules and  
protocols library.



## MEDICAL DEVICE CERTIFIED CE

DIANE ANAESTHESIA  
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.

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