

CURSUS3

Cursus3 manages the whole transfusion process, from the creation and monitoring of a single patient transfusion file to distribution/delivery.

Features

The software is divided into different modules:

- **Cursus:** allows the user to ensure the traceability of blood components and the management of their storage (if applicable), complying with the legal framework and the best practices of haemovigilance

- **DemServ:** allows the health centres to enter prescriptions, track transfusions and access the patient's transfusion file

FEATURES

- Management of tests, alerts, letters to patients
- Creation of multi-criteria statistics and exchange of information with the various actors in the field of blood transfusion (Laboratories, Patient Records, etc.)

Donation Management
DonorPortal
Transfusion Management*
BedSide*
Cell Therapy*
Middleware*
Stock Manager
Quality Records
Tissues*
Organs*
BI





Architecture

The specific overall configuration of the application is provided by a separate module, reserved for administrators, which allows for a personalized working environment of each user.

The managed information includes

- Users and their access rights to the different functionalities of the modules
- Rules for the issuing/distribution of blood components (according to the AB0 group, phenotype and antibodies)
- Automated monitoring of blood transfusion activity by email dispatch
- Configuration of the operating mode of Cursus (blocks and alerts, mandatory and optional fields, traceability from wards, etc.)
- Configuration of haemovigilance messages with blood components providers
- Configuration of storage and minimum/maximum thresholds
- Etc



Integration

All data flows feeding **Cursus3** (patient identities, haematology results, distribution and delivery of blood components from blood providers) are managed by our interface engine, called C.S.I.

This tool, based on the standards of the market (HL7, IHE, ISBT 128, EUROCODE, etc.), allows to define the identity-vigilance rules to be applied for each flow:

- Modification right
- Right to merge either automatically or after validation by an administrator
- Validity level of tests according to time slots

