Gpi4Med
BLOOD

BEDSIDECHECK

Mobile system for the safe management of blood samples and transfusions at the bedside.

System components

- Windows App
- Android Palmar
- Bracelets and labels

Features

- Safe identification of the patient, collection tubes and units to be transfused
- Traceability of the procedures performed
- Transfusion data entry for blood hemovigilance
- Continuity of operation even in the absence of a network connection (off-line)
- Native integration with all systems of the Gpi4Med.BLOOD suite (Emoweb, e-Delphyn, Hematos IIG, Cursus3)
- Also used in external facilities and clinics that carry out transfusions
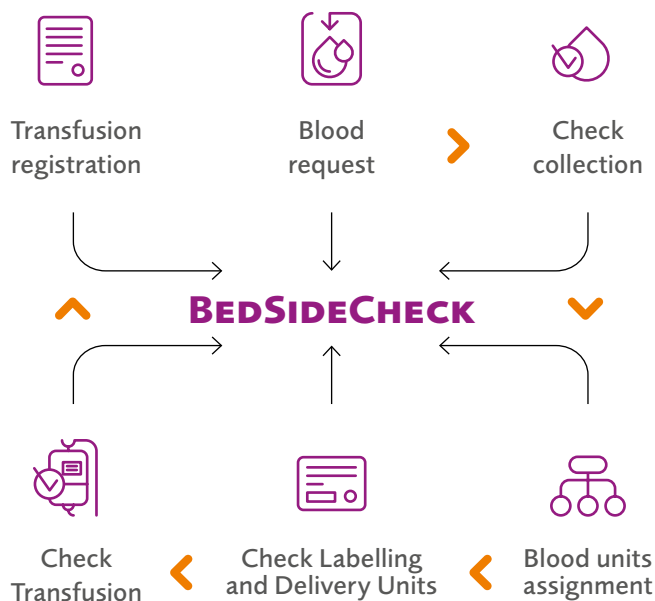
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Certifications

Class I, MDR 745/2017.

Workflow

- Blood request
- Patient identification
- Identification of blood tubes
- Check of bed patient (operator's ID reading, collection tubes and patient's bracelet, alarm alert for discrepancies)
- Blood units assignment
- Transfusion start control and recording (doctor's ID reading, nurse's ID, patient bracelet and blood unit's ID)
- Registration at the end of transfusion (doctor's ID reading, nurse's ID, patient bracelet and blood unit ID, recording transfusion reactions and other transfusion data)

Transfusion registration → Blood request → Check collection

BedSideCheck

Check Transfusion ← Check Labelling and Delivery Units ← Blood units assignment

Integration

BedSideCheck has an integration middleware that allows you to easily achieve interoperability with other applications.

Advantages

BedSideCheck supports the activity of palmars at the patient's bed, guaranteeing real-time connection with the transfusion management system and archiving of collected data (relating to samples and transfusions) in the receivers' records:

- **ON-LINE** connection with the central server and with the transfusion software.
- **OFF-LINE** mode after proper synchronization with the central server.

Management of three different workflows

- On-Line operation with bracelets and label printing in the ward: availability of the connection between the Palmar and the **BedSideCheck** portal and a laser printer in the ward.
- On-Line operation with bracelets and pre-printed labels: availability of the connection between the palmar and the **BedSideCheck** portal and use of the module containing bracelets and pre-printed labels.
- Off-Line operation with bracelets and pre-printed labels: it can be used routinely or as a back-up of the on-line.

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