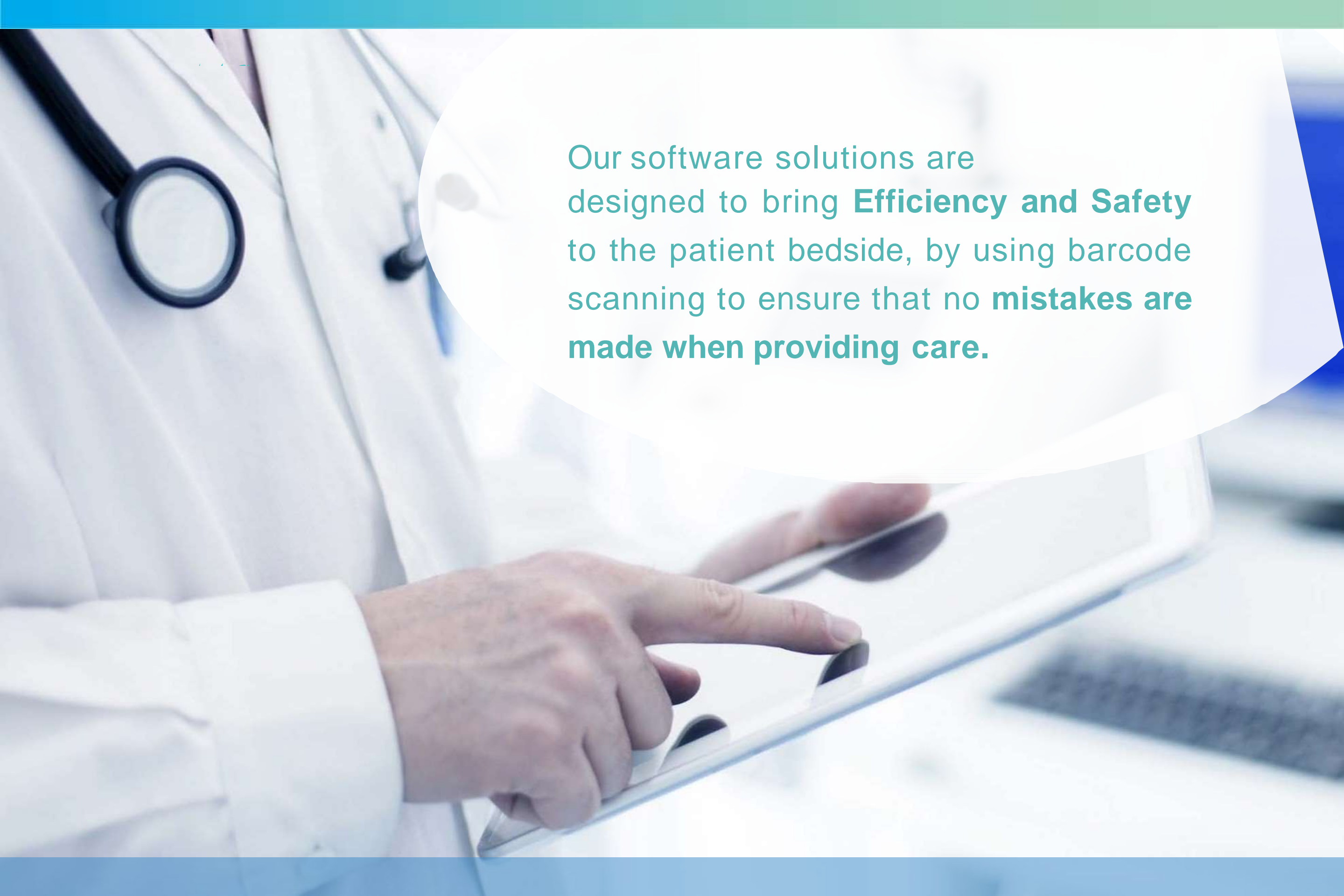
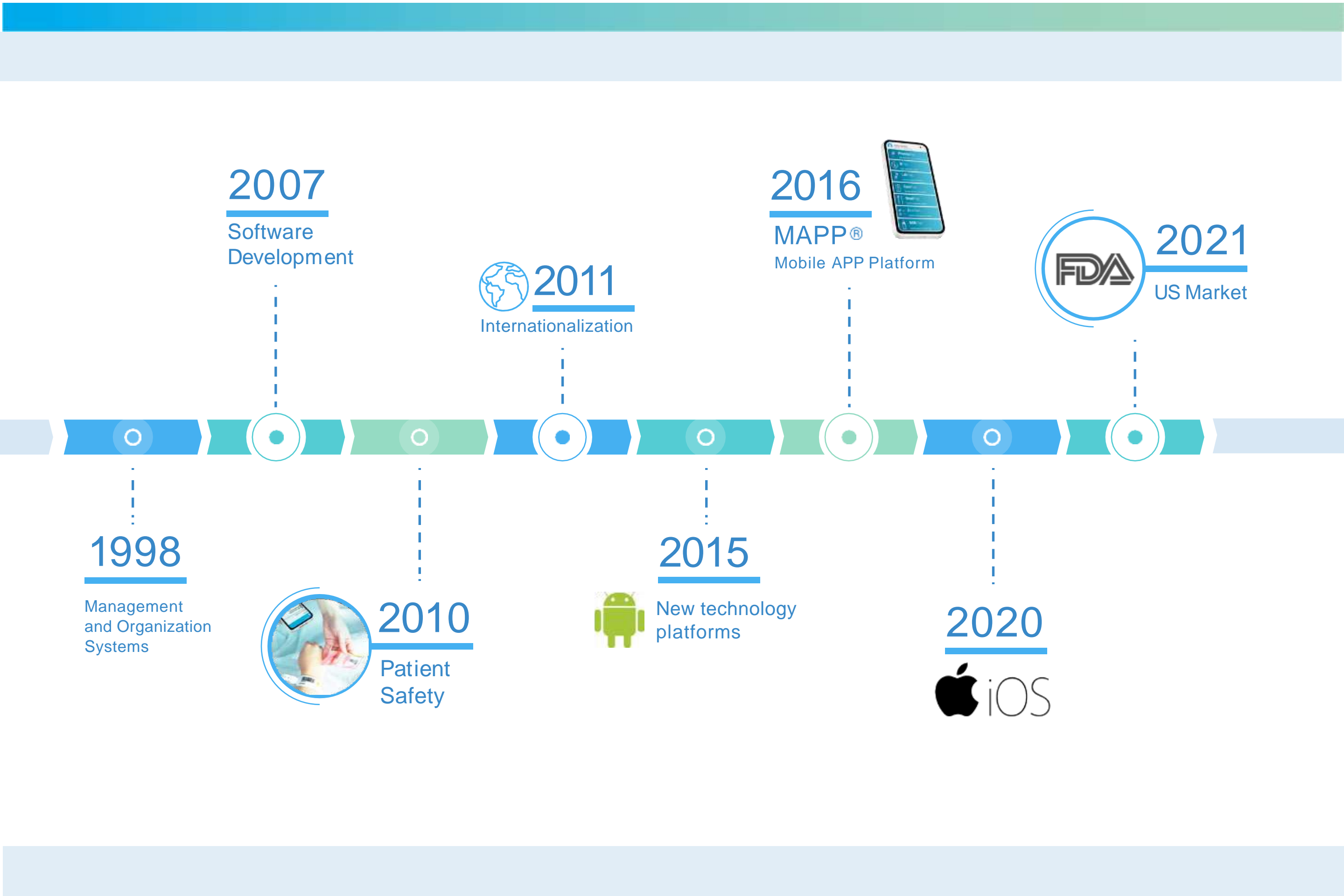




IMPROVING QUALITY, SAFETY AND COST OF HEALTHCARE

A close-up photograph of a healthcare professional, likely a doctor, wearing a white lab coat and a black stethoscope. The doctor's hands are visible, holding and interacting with a white tablet computer. The background is blurred, showing what appears to be a clinical setting. A semi-transparent white circular overlay is positioned on the right side of the image, containing text.

Our software solutions are designed to bring **Efficiency and Safety** to the patient bedside, by using barcode scanning to ensure that no **mistakes are made when providing care.**



2007

Software Development



2011

Internationalization

2016

MAPP®
Mobile APP Platform



2021

US Market

1998

Management and Organization Systems



2010

Patient Safety

2015



New technology platforms

2020







- ▶ Mobile Application Platform that combines all nursing activities **into a single handheld device**, not only providing increased **mobility and productivity** but reassuring **Patient Safety** through Barcode Scanning.





Solution designed to ensure patient safety through **validation of Drug administration.**

Ensures that the **Right blood is administered to the Right patient.** Real time information will be available at the Blood Bank.

Ensuring that the **Samples collected for laboratory tests are identified with accuracy through barcode reading.**

Designed for **Nursing procedures records** at the patient bedside.

Developed for efficient and **safe hospital diet administration.**

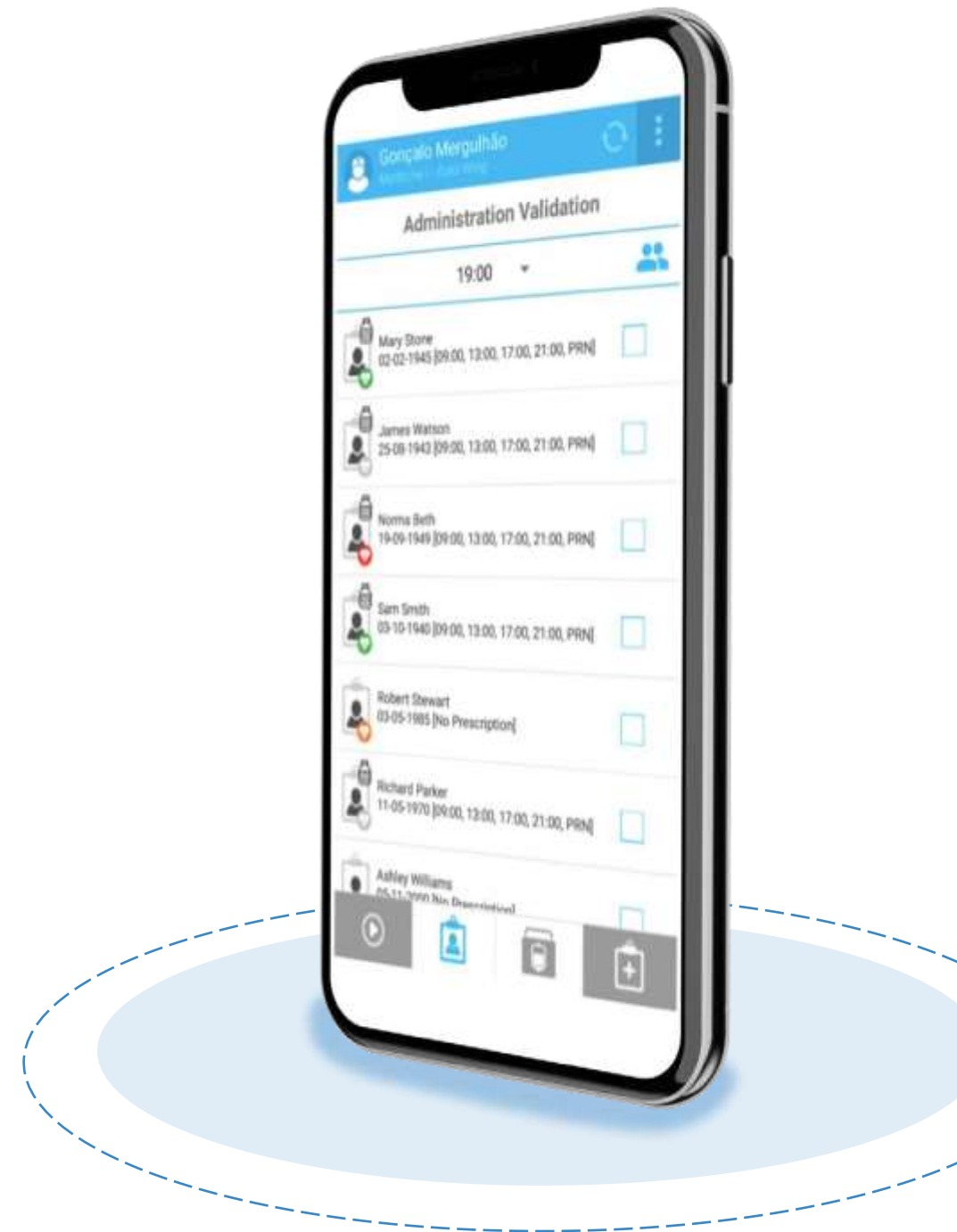
Enables effective management of **advanced stocks through barcode scanning.**

Designed to ensure the **Right Milk is administered to the Right Baby.**

PharmaTRAC[®]

Ensure a safe medication administration

- ▶ Validation of **drugs administered to the patient**
- ▶ Batch and shelf-life **full traceability**
- ▶ **Incident records** (including near-misses)
- ▶ Ensures the “**5 Rights**”
- ▶ **International standards** on patient safety





1

SCANNING WRISTBAND

Identify patients
by **scanning their wristband**

2

SCANNING EACH MEDICATION

Identification of the medication,
dosage, batch number and expiration date.

3

VALIDATION

Confirm the administration
on the handheld device.



Right Sample, Right Patient, Safe Transfusion

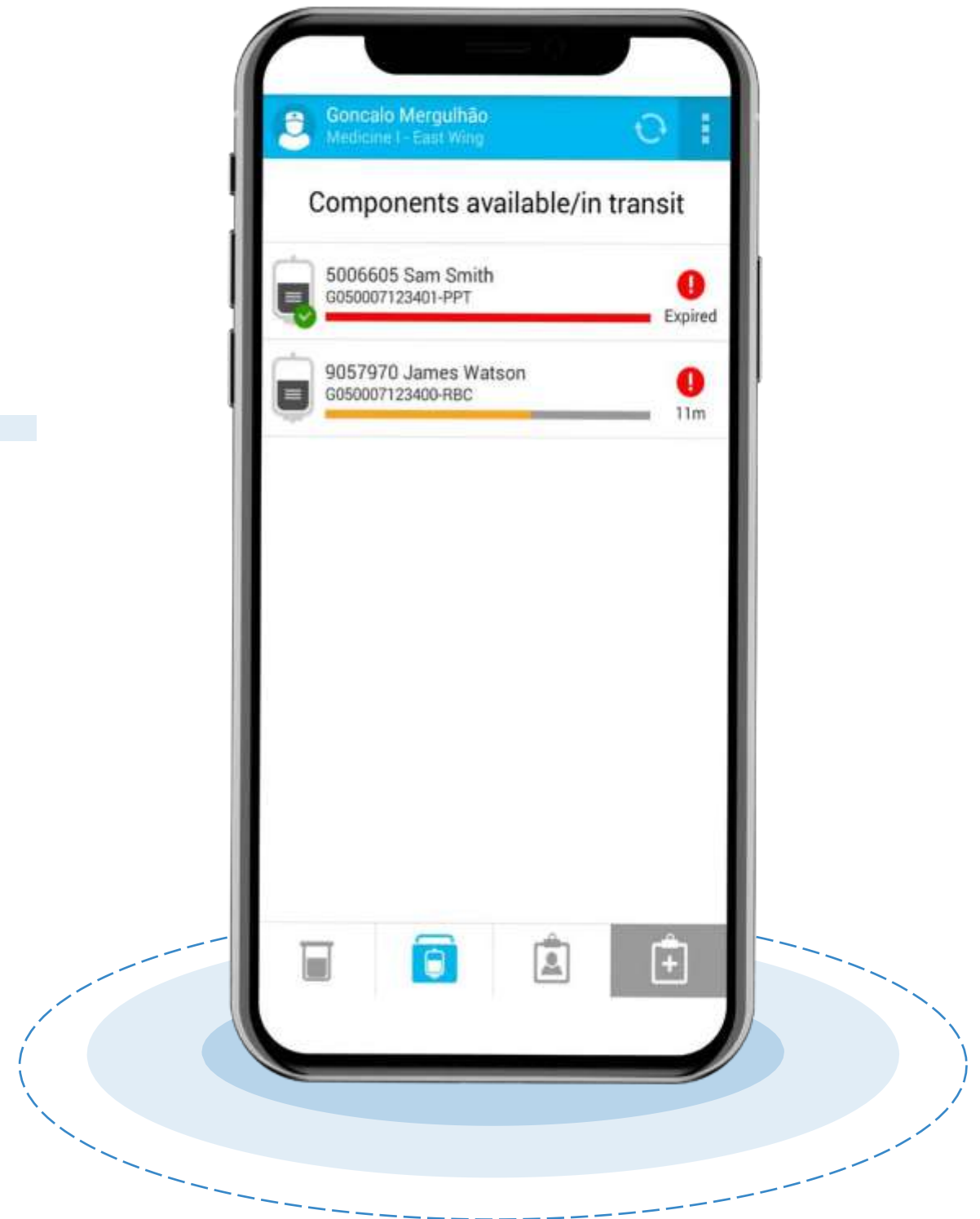
- ▶ **Safe blood** administration
- ▶ Correct **Patient / Sample identification**
- ▶ Report on adverse **Reactions and Near misses**
- ▶ Tracking of all **Blood components** (blood bank)

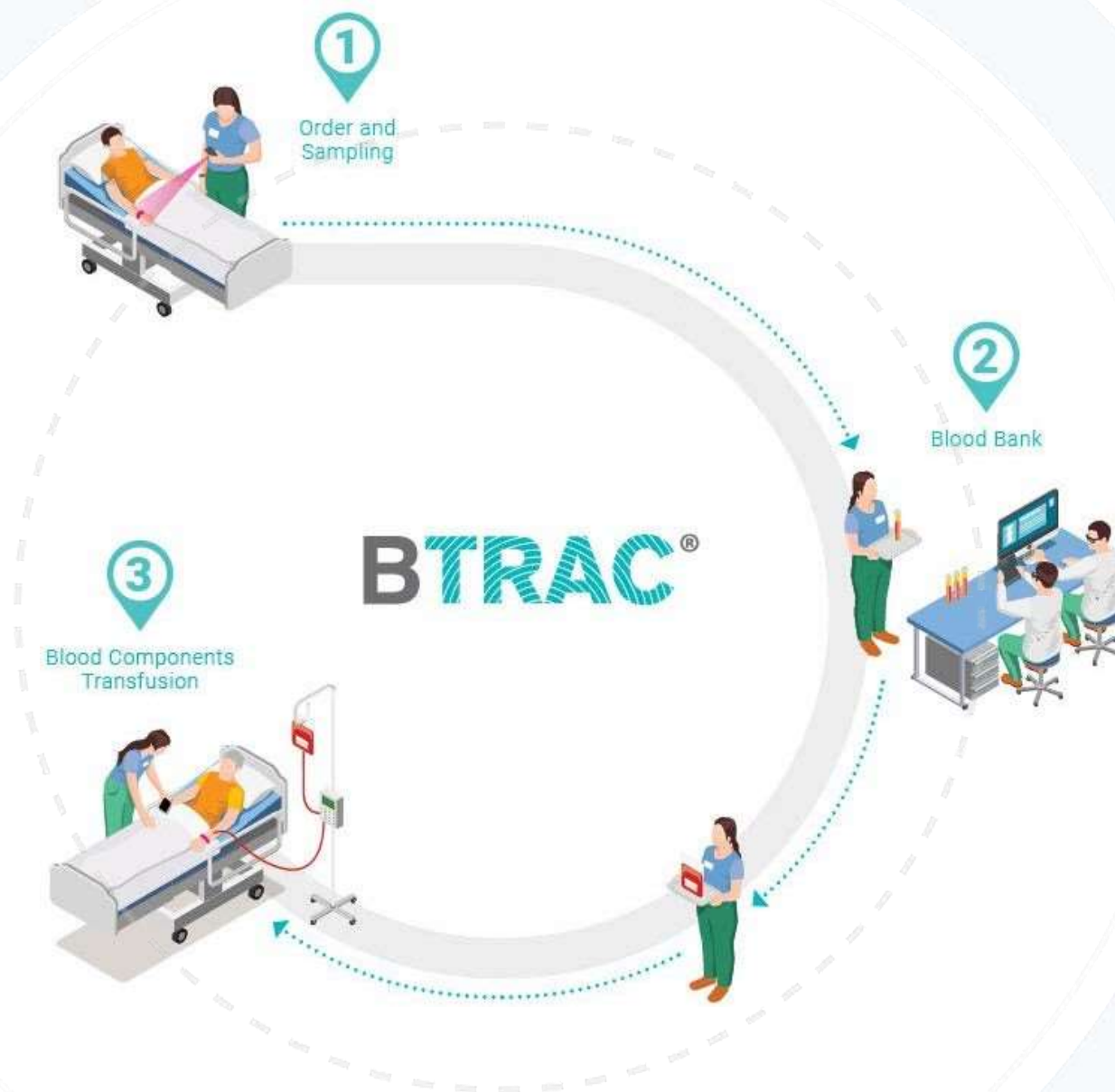


HIMSS™



Joint Commission
International





1

ORDER AND SAMPLING

- Blood Component Prescription;
- Label printing at bedside;
- Closed loop between labels and the patient wristband.
- Sample Collection

2

BLOOD BANK

- Sample Check-in;
- Blood component assignment to patient;
- Blood component expedition;

3

BLOOD TRANSFUSION

- Blood component delivery to the ward;
- Closed loop on the blood component and the patient wristband;
- Near miss alerts;
- Transfusion monitoring in real time;
- Potential adverse reaction alerts.

LabTRAC®

For safer Samples!

- ▶ Ensures the sample is always associated **to the right patient**
- ▶ Ensures the **Patient / Sample** closed loop
- ▶ Identify who made each collection and at what time
- ▶ **Reduces the risk** of human error.





1

LABORATORY ORDER

2

SAMPLE COLLECTION

- Printing of sample Labels

3

CLOSED LOOP

- Closed loop between sample and the patient

CareTRAC®

Nursing observations in your hand!

- ▶ Complete and **Updated Patient Records** in your pocket
- ▶ **EWS registering and monitoring**
- ▶ **Creating nurse records** right at the patient's bedside
- ▶ **Less time spent** in non-patient tasks





1

LOGIN

Nurses log into the application by scanning their own badge which contains a unique barcode with their credentials.

2

PATIENTS AND PLANS

When accessing **CareTrac®**, nurses are shown their patients and their **respective daily plans**, which are directly received from the Electronic Patient Record.

3

PATIENT SCAN

Nurses scan the patient wristband, and **Insert records** that can range **between simple confirmations and** vital signs to complex formularies

4

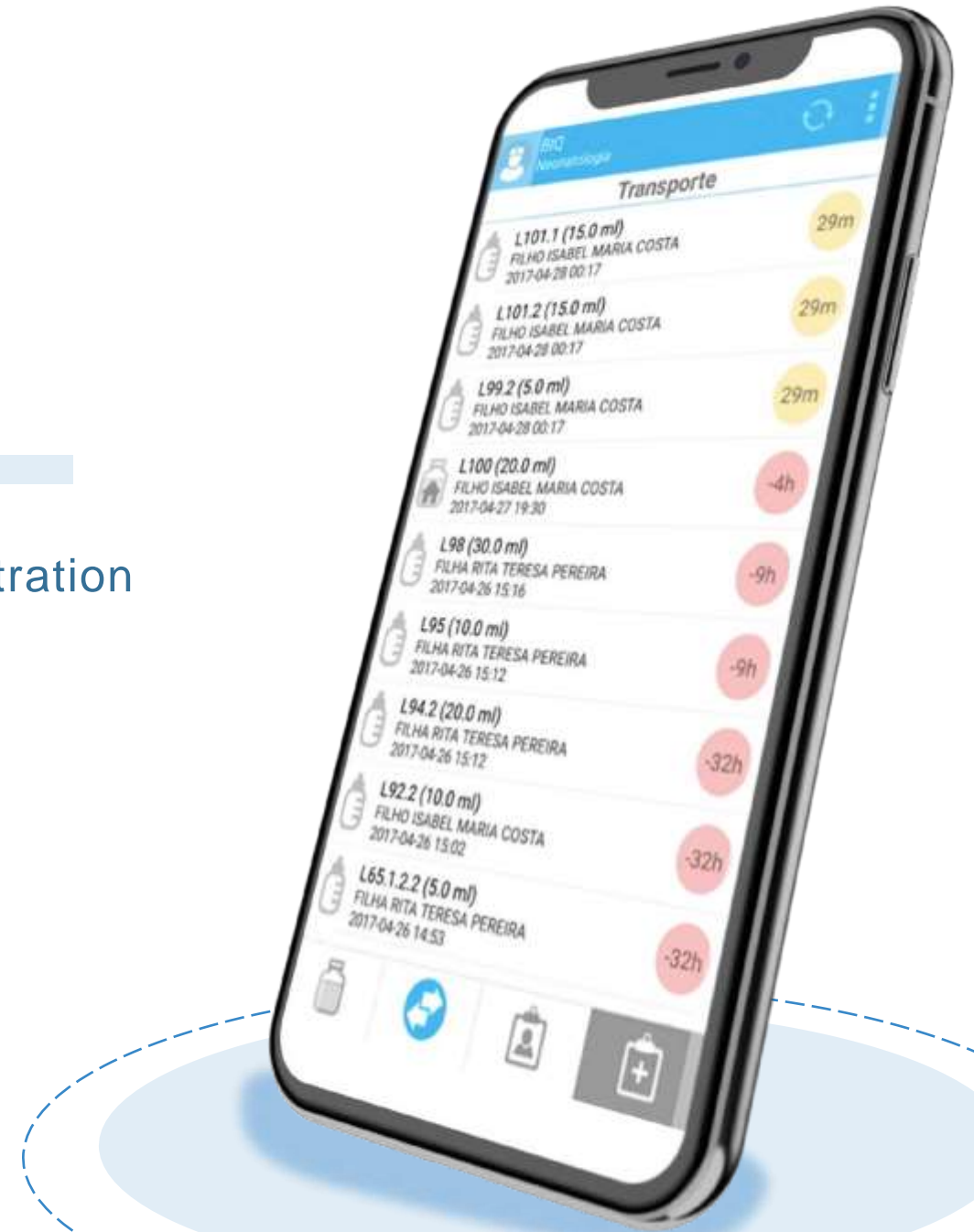
VITAL SIGNS

CareTrac® can also **receive Vital Signs** directly from monitoring equipment instead of these being manually inserted.

MilkTRAC[®]

Safe administration of breast milk

- ▶ **Identification in real time**, preventing errors in milk administration
- ▶ It prevents **expired breast milk** from being administered
- ▶ **All stages in the process** will be registered
- ▶ **Control of Stock** and management of records





1

IDENTIFICATION

Wristband printing to identify the Mother and the Baby.

2

COLLECTION

Reading the donor's wristband and printing the barcode labels to identify milk containers

3

STORAGE

Reading the code of the main container and the localization code

4

PREPARATION

Printing labels to identify the container which will be used for milk administration to the baby

5

FEEDING

Reading the baby's wristband and the container code

6

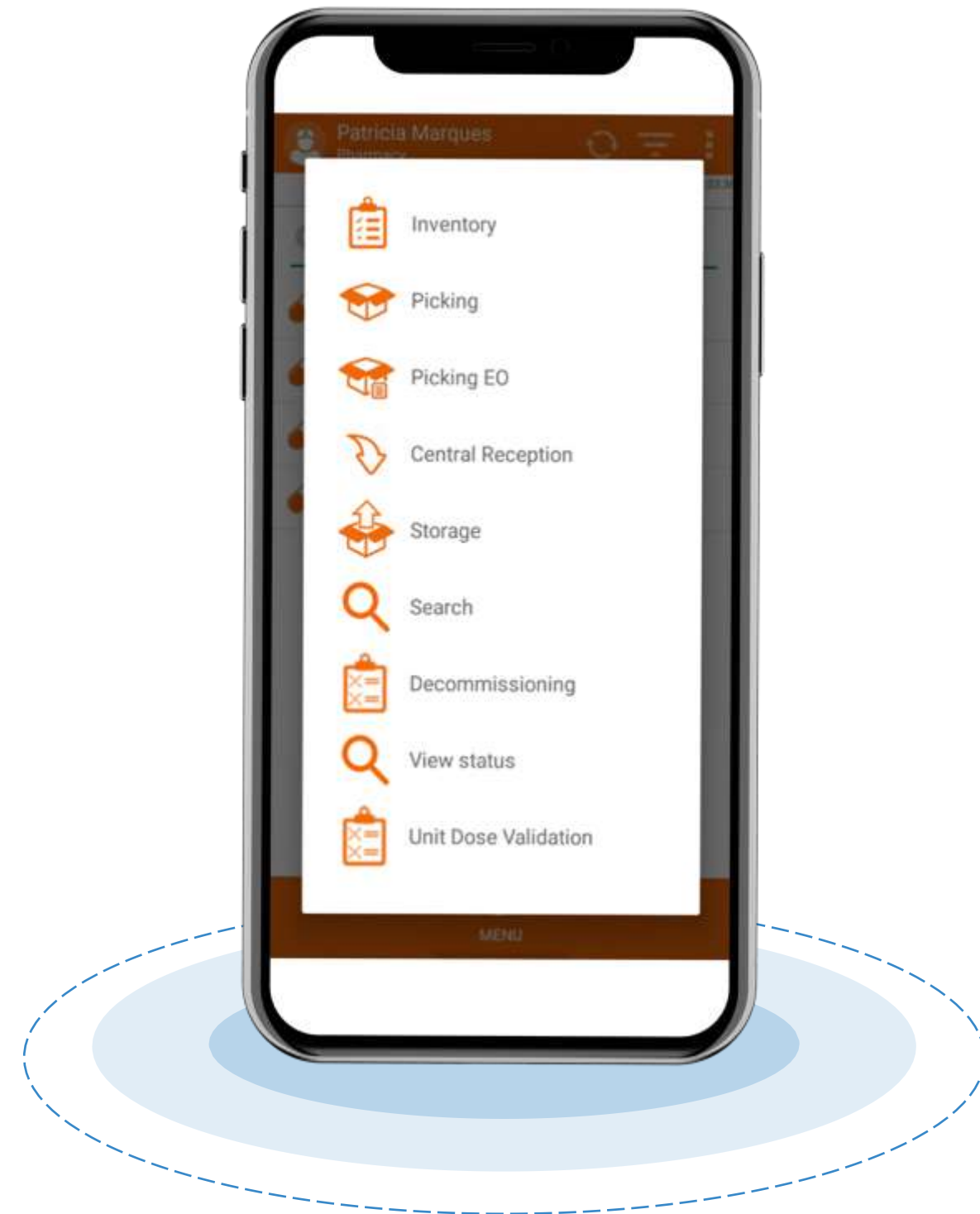
RECORDS

Collections made, Locations, Traceability of donated milk; Feeding, Near misses and Management of shelf-life times.



How much waste can you afford ?

- ▶ **Tracking of Medical Devices and Medication,** until actual use in the facility
- ▶ **Reduction of stocks** and stock ruptures
- ▶ **Reduction of consumption** through greater supervision
- ▶ Permanent **real time inventory**





1

RECEIVING GOODS

- Scan the supplier barcode to receive incoming products
- **ERP integration allows purchase orders to be displayed on mobile**
- The software recognises the supplier barcode

2

STOCK REPLENISHMENT

- Receive picking lists directly **on your handheld device**
- **Follow an optimal route** through the warehouse
- Transfer stock from the warehouse to **any clinical department**

3

CLINICAL STORAGE

- Scan product barcodes when taking them from stock;
- **Automatic stock updates**
- Track batch numbers and expiration dates

4

PATIENT BEDSIDE

- Assign products to patients by scanning their wristbands and the item's barcode
- **Automatically update patient clinical records,**
- Supply chain visibility up to patient administration

SEVERAL OF OUR PROJECTS
WERE AWARDED WITH
EXCELLENCE AWARDS
AND GOOD PRACTICES
BY RESULTS ACHIEVED

- ▶ ISO 9001:2015 Certified



- ▶ Provision of services, development and implementation of process improvement solutions, patient safety and costs control, supply of equipment and consumables in the health area



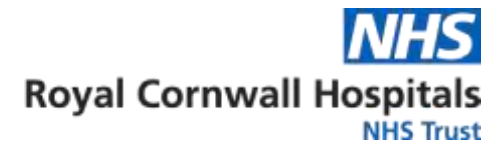
- ▶ **Premium International Best Case Study**
Global GS1 Healthcare Conference 2016
- Beijing, China | October 2016 - Cascais Hospital



Portugal Partners



Internacional Partners



BIQ Health Solutions in the World



📍 Italy

📍 UK

📍 Brazil

📍 Bulgaria

📍 UAE



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