

**23rd Global GS1
Healthcare
Conference
Bs As 04/25/2013**

**Implementation
of the Traceability
System at the
Hospital Italiano
Bs As**

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Information:

- ▶ High Complexity Hospital
- ▶ About 600 beds
- ▶ 4 Intensive Care Units
- ▶ 1 Intermediate Care Unit
- ▶ 4 Surgical Units: 31 Surgery Rooms
- ▶ 9 Assistant Pharmacy (qx areas and Intensive Care)

Information



Hospital
Informatizado



- ▶ Computerized Hospital
- ▶ Electronic Clinical History
- ▶ Electronic Prescription
- ▶ Electronic registry of administration: to be implemented soon
- ▶ SAF Administrative Service of Pharmacy

Drugs Distribution

Pharmacy → Patients → Pharmacy

Pharmacy → Assistant Pharmacy → Patients

Pharmacy → Emergency cart/
Nurse's Office → Patients

Drugs' Distribution

- ▶ Daily dose and non scheduled prescriptions: 1600 prescriptions per day
- ▶ Replacement to the kits: parameterized with maximum stocks – minimum – replacement points
- ▶ Emergency Carts and nurse's offices: on demand

500.000 drug units per month

Drugs' Logistics

Reception



Storage



Fractioning or
repacking (single-dose) or
labelled



Distribution and dispensation

Implementation problems

use of readers for 100% of movements

Reception

Large income volume = > time

1000 units same lot = one transaction

1000 units same lot with 10 different series = 10 transactions

Lack of uniformity in the data carrier

Lack of information in the data carrier

Infrastructure

Drugs' Logistics

Reception



Storage

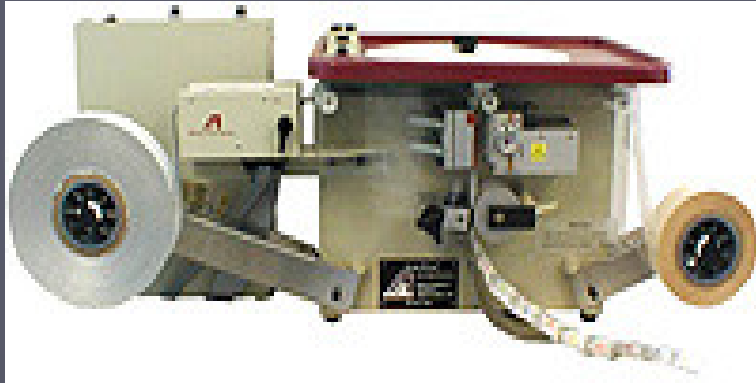


**Fractioning or
repacking (single-dose) or
labelled**



Distribution and dispensation

Fractioning and/or repacking



Non serial:
1 shift 40 hs per week
130000 tablets/month

serial: 35% -



Non serial:
1 shift 40 hs per week
40000 vials /month



Labelled



Drugs' Logistics

Pharmacy Dispensed
Drugs

+100%



- 25%

Nurses' Office



Patient

Barcoding project

- ▶ Correct identification of the patient
- ▶ Correct identification of the drug
- ▶ Accurate time and frequency
- ▶ Correct dose
- ▶ Correct form of administration

- ▶ Electronic registry of the administration to patient ANMAT [Argentina's National Administration of Drugs, Food and Medical Technology]

Summary

To this date

- ❖ We trace the reception: purchase and supplies

In order to move forward we need:

- ❖ implementation of the electronic data exchange: electronic dispatch notes, shipping notice, delivery notification
- ❖ identification of clustered presentations
- ❖ equipment, Human Resources, infrastructure
- ❖ implementation of electronic registry of the administration by the Nurses' office

Thank you!

