Implementation of the Traceability System at the Hospital Italiano Bs As

Nora Cáceres Dominguez
nora.caceres@hiba.org.ar
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

► 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 → Patients → Pharmacy

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!