



IMPLEMENTATION OF MEDICATION TRACEABILITY AND SINGLE-DOSE PACKAGING WITH GS1 DATAMATRIX

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Agenda



- Traceability to Argentinian National Administration of Drugs, Food and Medical Devices (ANMAT)
- Single-dose packaging and traceability using GS1 datamatrix
- What is next!





INSTITUTO ARGENTINO DE DIAGNÓSTICO Y TRATAMIENTO S.A.

Argentina, Buenos Aires Capital city.
Opened in 1926.
Over 25,000 square meters of
constructed area distributed in 7 floors,
210 beds, 9 operating rooms and 3
obstetrics rooms, 17000 inpatient/year.

Traceability to Argentinian National Administration of Drugs, Food and Medical Devices (ANMAT)



- Mandatory along all healthcare supply chain
- GS1 datamatrix: standardization information (GTIN – Serial number)
- On-line response
- Healthcare insurance company can follow up the dispensing process
- Drugs traced/month: 2200
- Medical Devices traced/month: 250



LESSONS LEARNED IN TRACEABILITY



WHAT TO DO

- PROGRESSIVE IMPLEMENTATION
- PROVIDE RESOURCES
- TRAIN THE STAFF

HOW TO DO IT

- START WITH FEW DRUGS, HIGH IMPACT, LOW VOLUME
- INFRASTRUCTURE – ADD PERSONAL AND TECHNOLOGY
- MAKE THE WORK EASIER FOR THE STAFF
- ENGAGED STAFF IN THE IMPORTANCE OF TRACEABILITY

IMPROVE PATIENT SAFETY BY AVOIDING FALSIFIED DRUGS AND MEDICAL DEVICES!

SINGLE-DOSE PACKAGING AND TRACEABILITY USING GS1 DATAMATRIX



EQUIPMENT

- 2600 PACKAGING UNITS / HOUR
- TABLETS, PILLS
- VIALS < 20ML IS AUTOMATIC
- VIALS > 20ML REQUIERES MANUAL WORK
- US\$ 5000 / MONTHS IN SUPPLIES

ADD GS1 DATAMATRIX TO PACKAGE!



UNIT-DOSE PACKAGING



TABLETS

- TOTAL PRODUCTS: 100%
- SKU:449
- PACKAGING UNITS: 30.000 units/month

VIALS

- TOTAL PRODUCTS: 90%
- SKU: 280
- PACKAGIN UNIT: 55.000 units/month

TOTAL TIME

- 6-8hs a day

UNIT-DOSE WITH GS1 DATAMATRIX



MAKE IT RIGHT!

- SIZE
- INFORMATION
- POSITION
- WARNINGS



ASK YOUR TEAM WHAT THEY NEED!

SINGLE-DOSE PACKAGING WITH GS1 DATAMATRIX



INFORMATION IN THE DATAMATRIX

- GTIN
- BATCH
- EXPIRATION DATE
- SERIAL NUMBER (optional)

ADVANTAGES

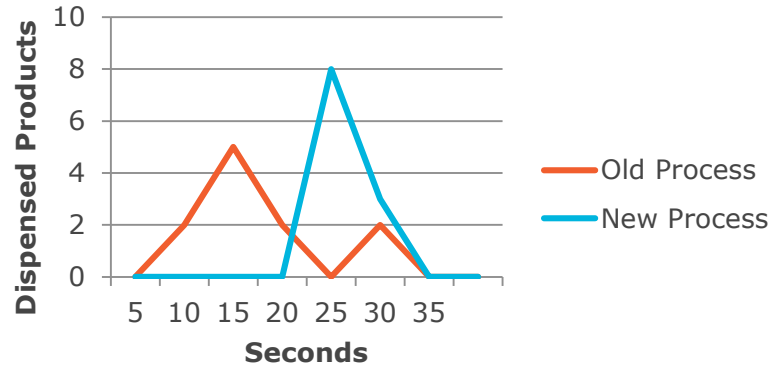
- BETTER STOCK CONTROL
- AVOID DISPENSING ERRORS
- IDENTIFY RECALL PRODUCTS
- AVOID USING EXPIRED DRUGS

MAKE THE WORK EASIER, MORE EFFICIENT AND SAFER FOR THE PATIENT.

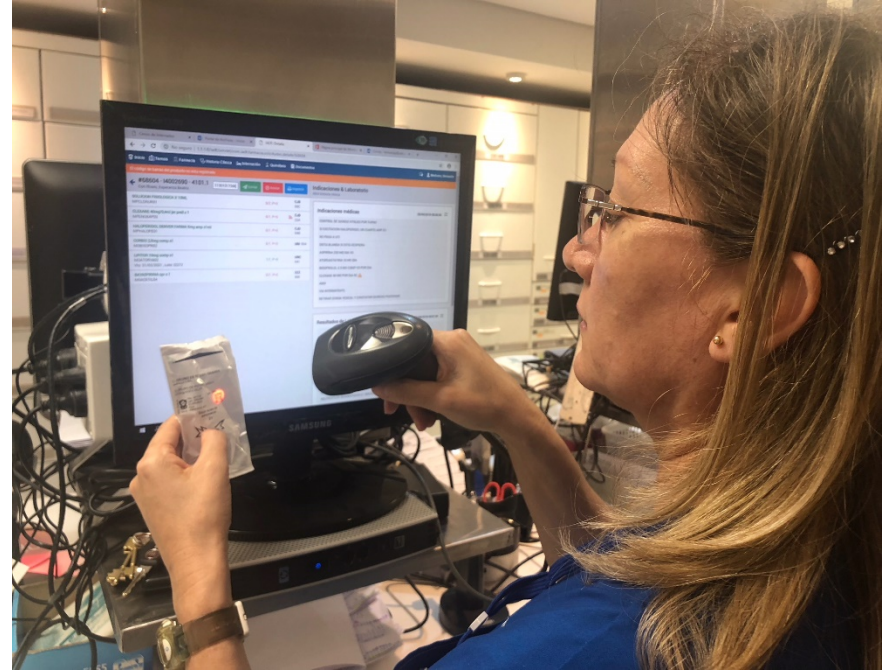
UNIT-DOSE GS1 DATAMATRIX



Histogram of dispensed products



SCANNING TRANSFORMS THE WAY WE WORK!



WHAT IS NEXT!

- Work with local medical devices supplier
- Add GS1 datamatrix to nutrition bags and chemo bags
- Bedside scanning





WE SCAN!!!



THANK YOU!

