1. Introduction about Egyptian Market
Big & Price sensitive Population

- **Area**: 1 million Km²
- **Population**: 98,575,360 (CAPMAS 11/03/2019)
- **Capital**: Cairo
- **GDP**: 235,369.13 billion (World Bank, US $, billions) in 2014
- **Governorates**: 27
BIG Market

Pharmaceutical Manufactures
165 MF
1200 CMO

Distributors & Wholesalers
3000

Pharmacies
75,000

Patients
120 M E

Organizations

World wide Trading
50 EXP
60 IMP

Pharmaceutical Trade Volume
2.27 billion unit (10%)

3.8 Billion $ (16%)
2. Egyptian Track and Trace system Timeline.
Purpose: Pharmaceutical Track & Trace, Reduce Counterfeit & Pharmaceutical Supply chain efficiency.

Level of Implementation: Secondary packaging.

Phases:

- Phase 1: Acquiring GTIN’s & GLN’s (9-2017)
- Phase 2: Entering the GTIN’s & GLN’s on CAPA DB (12-2018) 81%
- Phase 3: Having 1 pack ready (Printed with GS1 DM) (12-2018)
- Phase 4: Pilot Project (3-2019) – Results will be shared in the next Implementation Guidelines
- Phase 5: Full Track & Trace Implementation (6-2019)
3. EPTTS Pilot Project
EPTTS Pilot Project

Pilot was held in co-operation with different stakeholders as follows:

- 11 Manufacturers:-

- SERVIER
- AstraZeneca
- MUP Medical Union Pharmaceuticals
- EVA PHARMA EGYPT
- NOVARTIS
- EUROPEAN PHARMACEUTICALS
- PHARCO PHARMACEUTICALS
- EIPICO EGYPTIAN INTERNATIONAL PHARMACEUTICAL IND. CO.
- Misr Chemical Industries Co.
- Kahira Pharmaceuticals
- ADCO
EPTTS Pilot Project

Pilot was held in co-operation with different stakeholders as follows:-
Pilot Scenario

• 9 Test Scripts for Factories.
• 8 Test Scripts for Distributers
• 10 Test Scripts for Pharmacies
• Some modifications will take place according to pilot participates suggestion
• Pilot learnings will be integrated in the next release of the EPTTS Implementation Guidelines
4. What’s next
MOH will Use Verified By GS1

Pharmaceutical Manufactures 165 MF
1200 CMO

Distributors & Wholesalers
3000

GTIN’s GLN’s

Central Administration
Of pharmaceutical Affairs (CAPA) DB

Check

GS1 MDB

GLN’s
MOH Will Embed the EPCIS into the System

- EPC/barcode data
- Real world goods

Flowchart:
- Supplier
- Warehouse
- Manufacturer
- Finished Goods
- Distribution Center
- Retailer

What? When? Where? Why?
GS1 DM Sequence

• Past: There was an obligation to encode GS1 DM with specific Sequence GTIN, EXP, Batch, Random serial number

• NOW: The MOH decided to give more flexibility to the manufactures and will not obligate them to do a specific sequence in GS1 DM due to business needs
• We have a lot of complexes

• Complex but committed

• Avery short period of time we managed to on board 80% of our manufactories base (which is not small by the way).

• We did so in Avery cost effective manner.

• We impressed global standard along the way as a means to reduce cost and complexity for all stockholders.
2016 was a dream and it will become real in 2019
Finally, We are Committed to Combat Counterfeit in Egypt

Thank You
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