



GS1 Standard

Improves Management Efficiency of Medicines Supply Chain



CHALLENGES

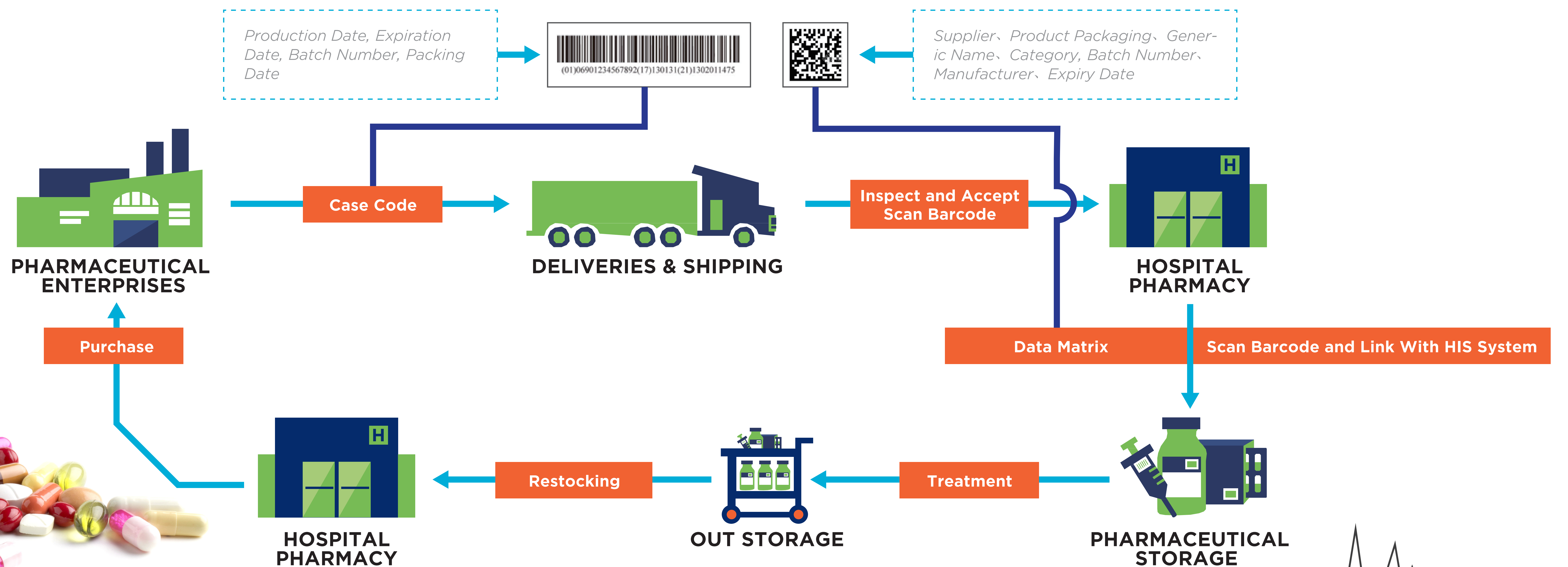
- High waste of labour
- Low quality of care
- Patient safety cannot be guaranteed
- High levels of material waste.
- Products can not be recalled promptly

SOLUTION

Using the GS1 Global Trade Item Number (GTIN) and the additional product information (AI), enables clear identification on all the levels, from large deliveries to individual units. Item identification information is contained in the barcode. When drugs are deposited or withdrawn from storage, the barcode will be scanned. All information related to the drugs will be stored in a centralised data bank, and can be automatically collected and exchanged throughout the whole supply chain.

BENEFITS

- improves working efficiencies, **40%** reduction in the time of the operation
- reduces the margin of error rate related to medicine distribution by over **95%**
- patients can get safe drugs, improving patients experience
- reduction in hospital management costs, simplified process and improved pharmacy space utilization
- establish an effective traceability system from the warehouse up to the point the drug is dispensed, ensuring the accuracy of the drug information



The Introduction to the hospital

The Second Affiliated Hospital of Zhejiang University School of Medicine is a large comprehensive hospital, founded in 1869. An average of 390,000 outpatients are treated in this hospital per day