What is a UDI?

- Code on the device label, packaging or product, in both easily readable plain-text and automatic identification and data capture (AIDC) format
- Two parts: UDI = DI + PI
  - Device Identifier (DI) (static) – specific to a device version or model
  - Production Identifier(s) (PI) (dynamic) – one or more currently used control/production information, such as lot/batch, serial number, manufacturing date, expiration date
UDI Components

UDI = Device Identifier (DI) + Production Identifiers (PI)

GTIN® + Application Identifiers (AI)

*Another Production Identifier is Manufacture Date
UDI Components

Reference:
UDI Example of GTIN® Plus Expiry Date, Lot, and Serial Number

- Healthcare best practice is to utilize the GS1-128 and/or GS1 Data Matrix to carry the UDI for Class III and Class II items.

GTIN with Serial, Lot & Expiration Date encoded in a GS1-128 Barcode

GTIN with Serial, Lot & Expiration Date encoded in a GS1 DataMatrix

Note: UPC and ITF-14 barcodes can only encode the GTIN and not Application Identifiers

* Symbols are not to scale for illustration only