RFID source tagging of medical devices has started, beginning with orthopedic devices. Standard-based encoding is essential for the effective use of RFID across the healthcare supply chain, from the device manufacturer to the hospital. GS1 Japan developed guidance on RFID encoding of UDI data in compliance with GS1's EPC Tag Data Standard (TDS). Manufacturers are increasingly leveraging this guidance to support their data.

RFID source tagging of medical devices has started, beginning with orthopedic devices. Standard-based encoding is essential for the effective use of RFID across the healthcare supply chain, from the device manufacturer to the hospital. GS1 Japan developed guidance on RFID encoding of UDI data in compliance with GS1’s EPC Tag Data Standard (TDS). Manufacturers are increasingly leveraging this guidance to support their data.

The "UDI Encoding for UDI RFID Tag" guidance was developed in 2018.

EPC Memory
Stores GTIN and Serial Number in SGTIN EPC format

User Memory
Stores Batch/Lot Number and Expiry in "Packed Objects" format

Compliance with GS1’s EPC Tag Data Standard (TDS) is indispensable for interoperability of RFID-encoded UDI data.

Successful Implementation:
Johnson & Johnson

Other applications
(Pharma & Medical Devices)