ERP System (Lawson, PMM, etc.):
- Purchase, receive and catalog items
- Send item data to Epic

Epic EHR:
- Supply/implant data created by interface from ERP
- Clinical Documentation
  - Barcoding
  - Send UDI usage data downstream

FDA, Registries, etc.:
- Receive UDI data from EHR

Irem Duyar – Irem@Epic.com
BARCODYING

• ERP system manages the item master
  • ERP sends item description, manufacturer, type
  • Barcoding pulls in GTIN, catalog #

• Current challenges:
  • Manual maintenance at each provider organization
  • One-of-a-kind and trunk stock (i.e. things not in the item master)
  • No universal item master
FUTURE STATE BARCODING (UDI)

• Challenges still exist
• For reliable barcoding at point-of-care:
  • Need Universal Item Master
  • Need to recognize any GTIN or HIBC that may be scanned
  • Need to define a source for Universal Item Master
    • GDSNs like GHX?
  • Need ERP system support of Universal Item Master
• Eliminate system “training” for barcode support
UNIVERSAL ITEM MASTER

- No universal item master today
  - Near-term solution: 3rd part system that can recognize all barcodes (e.g. Owens and Minor)