ISBT 128 for Tissue Banking

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Objectives

- ISBT 128 Blood Product Review
- ISBT 128 – Tissue History
- Key Deliverables with ISBT 128
- Drivers for Change
- Challenges
- A New Approach
- Points to Ponder
ISBT 128 for Blood Products

DIN

ABORh

Product Code

Expiration Date & Time

Special Testing

- DIN: W1234 07 123456
- ABORh: O
- Product Code: E0291V00
- Expiration Date: 20 FEB 2007
- Special Testing: Negative for antibodies to CMV
ISBT 128 – Tissue History

  - Project to evaluate suitability for tissue labeling

- Co-operative effort ICCBBA Inc and UK Tissue Banks
  - Tissue product database
  - Tissue labeling standard
ISBT 128 – Tissue History

- Countries using ISBT 128 for tissue
  - England
  - Denmark
  - US ???
ISBT 128 – Tissue History

- 2006 - NATTAG (North American Tissue Technical Advisory Group) formed
  - AATB
  - ICCBBA
ISBT 128 – Tissue History

- NATTAG update
  - Exchanged ideas
  - Improved understanding of ISBT 128 in the tissue community
  - Raised awareness for need to standardize
ISBT 128 – Tissue History

- NATTAG update
  - Tissue terminology standardization in progress
ISBT 128 – Tissue History

- NATTAG update
  - Evaluating tissue community needs
    - ICCBBA staff have visited several major tissue banks
  - Unique id - improve traceability
  - Standardization of coding
  - Challenges
    - Common terminology
    - Label design for product packaging
Key Deliverables of ISBT 128

- Globally unique, electronically readable, DIN
- Standardized, electronically readable, product coding
- Standard encoding of other critical information
- Expiration date
Drivers for Change

- High priority – unique DIN
- Eliminate duplication
- Reduce transcription errors
- Improve traceability
- Enhance patient safety
Drivers for Change

- Standardization of product coding
- Global objective
- Enhances effectiveness of biovigilance programs
- End user demand
Drivers for Change

- Standard encoding of other information
- Reduces transcription error risks
- More effective electronic controls
Challenges

- Standard Terminology
  - Proprietary product names

- Label design
  - Small containers
  - Not compatible with proprietary names
A New Approach

- Two phase approach
  - Phase I
    - Label design – 1.5” square along with proprietary label
    - Used during transition phase
    - No further changes to packaging to transition to Phase II
    - ISBT 128 numbers on all tissues
    - Barcoded and eye-readable
    - FIN for each tissue bank
Phase I Sample Labels
A New Approach

- **Two phase approach**
  - **Phase II**
    - Dependent on development of common generic terminology for tissue products
    - Each tissue labeled with generic name in eye-readable and barcoded format
    - Proprietary name elsewhere on package
Phase II Sample Labels
Points to Ponder

- Timeline for implementation?

- Is your tracking system ISBT 128 compliant?
Resources

- AATB
- ICCBBA INC
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QUESTIONS ?