JPAC Joint United Kingdom (UK) Blood Transfusion and Tissue Transplantation Services Professional Advisory Committee

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Guidelines for the Blood Transfusion Services

26.3: Manufacturers' blood pack catalogue and lot numbers

http://aws-lon-jpac.targetservers.uk/red-book/chapter-26-specification-for-blood-pack-base-labels/26-3-manufacturers-blood-pack-catalogue-and-lot-numbers

26.3: Manufacturers' blood pack catalogue and lot numbers

Below we describe two data structures for encoding the manufacturer's blood pack catalogue and lot numbers. The structures are fundamentally different but both coding systems use two data structures. For Codabar the manufacturer's code is with the lot number and the catalogue number/pack type is a separate code. For ISBT 128 the catalogue number/pack type is with the manufacturer's code and the lot number is a separate code. For ISBT both the catalogue and lot number are required to uniquely identify a batch of blood bags.

26.3.1: ABC Codabar manufacturer's blood pack catalogue and lot numbers

Currently Blood Services request Codabar barcoded information on each pack. Two classes of data are recorded, namely:

Catalogue number (pack type)

This label defines the type of pack, e.g. whole blood, platelet etc. The code is defined as follows:

cppppppk7b

Where:

c	is the start code
pppppp	is the manufacturer's list/catalogue number
k	is the modulus 11 check digit
7b	is the stop code.

Batch/lot number

This number describes the batch/lot number for each individual pack. The format is:

b1XXDDDDDDDC6b

Where:

b1	is the start code
XX	is the manufacturer's code (see Table 26.2)
DDDDDDD	is the batch/lot number
C	is a modulus 11 check digit based on XXDDDDDDD
6b	is the stop code.

Table 26.2 Manufacturers' Codabar codes

Manufacturer	Code	Manufacturer	Code
Baxter Healthcare	01	ASAHI Medical GmbH	10
TUTA Laboratories	02	Gambro BTC – UK	11
Biotest UK	03	Kawasumi Laboratories Inc	12
Haemonetics	04	Charter Medical	13
NPBI FRESENIUS	05	Baxter Healthcare – La Chatre	14
Terumo	06	Baxter Healthcare – Haina	15
Gambro BTC – US	07	Baxter Healthcare – Mountain Home	16
Maco Pharma	08	Cerus Europe BV	17
PALL	09	Fenwal – La Chatre	18

Note: Not all entries are in current use but are retained for use in look-back situations.

26.3.2: ISBT 128 manufacturers' blood pack catalogue and lot numbers

To achieve ISBT 128 compliance the UK Blood Transfusion Services will adopt the ISBT 128 convention for manufacturers' blood pack catalogue and lot numbers. Details are provided in the current version of ISBT 128 Standard Technical Specification, Data Structures 017 and 018, which is available on ICCBBA's website (www.iccbba.org).