

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 1
to
AS/NZS 4700.3:2002
Implementation of Health Level Seven (HL7) Version 2.3.1
Part 3: Electronic messages for exchange of information on drug prescription

REVISED TEXT

The 2002 edition of AS/NZS 4700.3 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to the Preface, Clause 3.1, Section 5, Table 7.3 and Table 7.4.

Published on 29 June 2006.

Approved for publication in New Zealand on behalf of the Standards Council of New Zealand on 16 June 2006.

Page 2 Preface

After second Paragraph *add* the following paragraph:

This Standard was reviewed and amended in 2006 to achieve compatibility with AS 4700.3—2005 in compatibility of code sets and medication list functionality.

Page 3 Preface

At the end of Preface *add* the following paragraph:

Standards Australia wishes to thank the Department of Health and Ageing for their continued financial support in helping us to achieve our aims.

Page 6 Clause 3.1

1 After AS 4700.1 *add* the following referenced document:

AS ISO

1000 The international system of units (SI) and its application

2 After NHDD *add* the following referenced documents:

TGAAAN TGA, Approved terminology for medicines, July 1999

<http://www.tga.gov.au/docs/pdf/aan/aan.pdf>

(Read in conjunction with any amendments published by TGA including 6 March 2001.)

Amendments to TGA approved terminology for medicines, 6 March 2001

<http://www.tga.gov.au/docs/pdf/aanamend.pdf>

AMDT
No. 1
JUN
2006

AMDT
No. 1
JUN
2006

AMDT
No. 1
JUN
2006

Page 29 Section 5

After Table 5.4 *insert* new Clause 5.5 and Tables 5.5.1 and 5.5.2 as follows:

5.5 Summary medication information

5.5.1 Current medication lists

In order to support the generation of medication lists relevant to prescribers, dispensers, and consumers, certain information is required to be conveyed in atomic form. For particular uses, not all information will be required. Implementers will have to determine in consultation with stakeholders the minimum data requirements for a particular use case.

Table 5.5.1 explains the usage of particular terms useful for organizing current medication lists. Information would be sent in the appropriate HL7 message depending on context. Typically an ORM or RDS message would be used.

Current medication lists may be maintained in either of the following ways:

- (a) Update of complete current medication list, which would override a previously existing list.

This method is more likely to be effective when complete medication information is not available in the electronic medication record. This method will work when there is unlikely to be a reliable link between existing data and new data to permit changes to be effected.

- (b) Addition or deletion of specific items from a current list.

This method could be used when the electronic medication record is known to be complete, reliable and shared by all prescribers and dispensers. This is likely to be the case within a local jurisdiction (e.g. within a hospital campus).

TABLE 5.5.1
MEDICATION LISTS USAGE

Term	Definition	HL7 Fields	Usage notes
Medication	Medication includes prescribed, over the counter (OTC) and complementary medication	RXO-1 in an ORM message RXE-2 in an RDS message	
Medication form	Dosage form (e.g. tablet, capsule, mixture, cream, IV solution)	RXO-5 in an ORM message RXE-6 in an RDS message	See TGAAAN section 5.2
Medication strength	Dosage strength (e.g. 500 mg, 125 mg/5 mL, 0.1%, 60 mmol/L)	RXO-2 & RXO-4 (optional RXO-3) in an ORM message RXE-3 & RXE-5 (optional RXE-4) in an RDS message	Refer to TGA units, TGAAAN Chapter 7

(continued)

TABLE 5.5.1 (continued)

Term	Definition	HL7 Fields	Usage notes
Medication directions for patient	Medication directions also known as 'Sig.'	ORC-7.1 quantity ORC 7.2 interval For the free text component of directions: RXO-7 in an ORM message RXE-7 in an RDS message	Sig. = abbreviation of Signature or the more commonly used Latin Signatura, meaning the part of a prescription containing the directions to the patient.
Regular medication	Regular medication is medication intended to be used indefinitely on a regular basis. This includes daily, weekly, monthly, annually or less often.	ORC-7.3 duration component	INDEF=regular indefinitely
Stat medication	Medication used once only usually 'immediately'. Further use requires explicit prescription.	ORC-7.3 duration component	T1=once
Short term medication	Medication intended to be used for a limited number of doses or a limited period of time.	ORC-7.3 duration component	T<integer>=total number of doses For additional values for time limited prescriptions, see HL7 V2.3.1 Clause 4.4.3
prn	'As required' or 'as needed' medication	ORC-7.2 interval	<repeat pattern> = PRN or PRNXXX See HL7 V2.3.1 user defined table 0335. PRN medication may be prescribed indefinitely or short term. For the purposes of a current medication list, it is desirable to be able to separate regular medication from that which is used as required. (see ORC-7.2 interval)
Start date	Starting date of medication at current dosage.	ORC-7.4 start date/time	
Last prescribed date	Date of last known historical prescription.	ORC-15 effective date/time of transaction	Historical data is dealt with differently from routine business data. Usual date of prescription is sent in ORC-9 Date/Time of transaction.
Total daily dose	Total daily dose	RXO-23 Total daily dose	
Last dispensed date	Last dispensed date.	RXD-3 Date/time dispensed	RDS message; date in RXD-3
Stop date	Intended date the medication should be discontinued.	ORC-7.5 end date/time	Use ORM message with order control code 'DC' if originating prescriber. Use ORM message with order control code 'XI' if recommendation from a medication review.

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