

From: Brett Marquard brett@riverrockassociates.com
Subject: Medication Frequencies in CDA
Date: September 4, 2014 at 10:49 AM
To: pharmacy@lists.hl7.org
Cc: HL7.org StrucDoc strucdoc@lists.hl7.org

Good day,

On the CDA example task force today we reviewed several examples on medication frequency.

Before approving any of these patterns the task force agreed we would benefit from input of the experts in the Pharmacy WG. Please take a peek at our proposed [Medication Frequencies](#). (also pasted after signature). A few at the bottom are blank and ready for folks to contribute!

Take care,
Brett

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institutionSpecified - Indicates whether the exact timing is up to the party executing the schedule (e.g., to distinguish "every 8 hours" from "3 times a day".)

- true = 3 times a day
- false (default) = every 8 hours

Frequency/ Period	Description	Preferred (units align with description)	Alternative valid representation
bid	two times daily	<pre><effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="0.5" unit="d"/> </effectiveTime></pre>	<pre><effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="12" unit="h"/> </effectiveTime></pre>
q12h	every 12 hours	<pre><effectiveTime xsi:type="PIVL_TS" operator="A"> <period value="12" unit="h"/> </effectiveTime></pre>	<pre><effectiveTime xsi:type="PIVL_TS" operator="A"> <period value=".5" unit="d"/> </effectiveTime></pre>
tid	three times daily	<pre><!--Recognize that 0.3333 translation is not exact to 3x a day --> <effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"></pre>	<pre><effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="8" unit="h"/> </effectiveTime></pre>

		<period value="0.3333" unit="d"/> </effectiveTime>	
q8h	every 8 hours	<effectiveTime xsi:type="PIVL_TS" operator="A"> <period value="8" unit="h"/> </effectiveTime>	<effectiveTime xsi:type="PIVL_TS" operator="A"> <period value=".3333" unit="d"/> </effectiveTime>
qid	four times daily	<effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="0.25" unit="d"/> </effectiveTime>	<effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="6" unit="h"/> </effectiveTime>
q6h	every 6 hours	<effectiveTime xsi:type="PIVL_TS" operator="A"> <period value="6" unit="h"/> </effectiveTime>	<effectiveTime xsi:type="PIVL_TS" operator="A"> <period value=".25" unit="d"/> </effectiveTime>
qd	daily	<effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="1" unit="d"/> </effectiveTime>	<effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="24" unit="h"/> </effectiveTime>
q24h	every 24 hours	<effectiveTime xsi:type="PIVL_TS" operator="A"> <period value="24" unit="h"/> </effectiveTime>	<effectiveTime xsi:type="PIVL_TS" operator="A"> <period value="1" unit="d"/> </effectiveTime>
qod	every other day	<effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="2" unit="d"/> </effectiveTime>	<effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="48" unit="h"/> </effectiveTime>
	1 hour after meal	<effectiveTime xsi:type="EIVL_TS" operator="A"> <event code="PC"/> <-- Code from TimingEvent value set	

		<pre> from TimingEvent value set (2.16.840.1.113883.5.139) <offset> <low value='1' unit='h'/> </offset> </effectiveTime> </pre>	
	before dinner	<pre> <effectiveTime xsi:type="EIVL_TS" operator="A"> <event code="ACV"/> <-- Code from TimingEvent value set (2.16.840.1.113883.5.139) </effectiveTime> </pre>	
	Other values from TimingEvent value set (2.16.840.1.113883.5.139)	<p>Other values from TimingEvent value set (2.16.840.1.113883.5.139):</p> <p>AC - before meal (from lat. ante cibus)</p> <p>ACT - before lunch (from lat. ante cibus diurnus)</p> <p>ACM - before breakfast (from lat. ante cibus matutinus)</p> <p>ACV - before dinner (from lat. ante cibus vespertinus)</p> <p>HS - the hour of sleep</p> <p>IC - between meals (from lat. inter cibus)</p> <p>ICD - between lunch and dinner</p> <p>ICM - between breakfast and lunch</p> <p>ICV - between dinner and the hour of sleep</p> <p>PC - after meal (from lat. post cibus)</p> <p>PCD - after lunch (from lat. post cibus diurnus)</p> <p>PCM -after breakfast (from lat. post cibus matutinus)</p> <p>PCV - after dinner (from lat. post cibus vespertinus)</p>	
TIW	three times a week (often mistaken for twice a week)		
QHS	every hour of sleep??		
BIW	biweekly		
AC&HS	before meals and at bed time		

QPM	every evening		
Once a month		<pre> <effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A"> <period value="1" unit="mo"/> </effectiveTime> </pre>	

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