Electronic discharge summaries

Did you know that electronic Discharge Summaries (DS) are now available in Clinical Document Architecture (CDA) format?

Overview

Existing message exchange formats (HL7 v2) impose restrictions on clinical documents and their exchange between organisations.

CDA is a document mark-up standard that specifies the structure and semantics of clinical documents for the purpose of exchange and unambiguous interpretation both at human and system levels.

Enterprise Discharge Summary currently uploads CDA formatted DSs to the My Health Record.

Advantages

- It is both human readable and machine computable
- Provides a standardised display of clinical information without loss of clinical meaning
- More complex information structures, such as pathology results are viewable in completeness in this format

<table>
<thead>
<tr>
<th>Investigation</th>
<th>Full Blood Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order Date</td>
<td>21-Feb-2016 (Date Requested)</td>
</tr>
<tr>
<td>Order Number</td>
<td>947843982</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Blood</td>
</tr>
<tr>
<td>Specimen Collected</td>
<td>21-Feb-2016 23:30</td>
</tr>
</tbody>
</table>

**Example of Pathology results in CDA discharge summary**

<table>
<thead>
<tr>
<th>Observation</th>
<th>Value</th>
<th>Result</th>
<th>Units</th>
<th>Ref. Range</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haemoglobin</td>
<td>144</td>
<td>N</td>
<td>g/L</td>
<td>115 - 160</td>
<td>Final</td>
</tr>
<tr>
<td>White Cell Count</td>
<td>10.7</td>
<td>N</td>
<td>x 10^9/L</td>
<td>4.0 - 11.0</td>
<td>Final</td>
</tr>
<tr>
<td>Platelet Count</td>
<td>259</td>
<td>N</td>
<td>x 10^9/L</td>
<td>140 - 400</td>
<td>Final</td>
</tr>
<tr>
<td>Haematocrit</td>
<td>0.42</td>
<td>N</td>
<td></td>
<td>0.33 - 0.47</td>
<td>Final</td>
</tr>
</tbody>
</table>

What is required?

Your practice will need to be using the necessary software versions, be enabled in Queensland Health system to receive discharge summaries electronically and be willing to allocate some time to assist with testing, verifying content and data validation.
**Practice Management Software**

**Medical Director**
Queensland Health has successfully piloted sending CDA DS to practices running *Medical Director v3.16b* in North Queensland, receiving rave reviews from participating sites.

If your practice is interested in receiving DSs in a more desirable format and you currently use Medical Director, please contact us via email [EDSTV-Corro@health.qld.gov.au](mailto:EDSTV-Corro@health.qld.gov.au) to have your practice set-up.

*Note*: If you have not received an automatic prompt to upgrade/install Medical Director v3.16b, or your practice requires assistance with upgrading, please contact Medical Director on 1300 788 802.

**ZedMed**
Queensland Health has received confirmation that all versions of ZedMed are CDA compliant.

If your practice would like to be the first to pilot this functionality using ZedMed please contact us via email [EDSTV-Corro@health.qld.gov.au](mailto:EDSTV-Corro@health.qld.gov.au).

**Genie Solutions**
Genie Solutions has informed Queensland Health that their latest version *v8.8.6* is CDA compliant.

If your practice would like to be the first to pilot this functionality using Genie Solutions please contact us via email [EDSTV-Corro@health.qld.gov.au](mailto:EDSTV-Corro@health.qld.gov.au).

**Best Practice**
Queensland Health is working with Best Practice to enable the capability. When the functionality is available we will be looking for sites to pilot.

If your practice would like to be placed on the waiting list to pilot Best Practice please contact us via email [EDSTV-Corro@health.qld.gov.au](mailto:EDSTV-Corro@health.qld.gov.au).

**Other Practice Management Software**
If the practice management software you use is not listed above, and your practice is interested in receiving DS in CDA format, please contact your practice management software vendor to discuss their plans for supporting CDA.