Restriction Codes and Treatment-Of Codes

 Codes are used to identify restrictions in the v3 PBS XML.

Since the implementation of PBS XML V3, PBS Restrictions have two distinct codes: the 'Treatment-Of Code' and the 'Restriction Code'. The 'Treatment-Of Code' is used for the 'Streamlined Authority Code'.

Most Restrictions will have the same value for these. One or both of these codes will change when the restriction has a significant change. If there is a change that only affects a Restriction's 'informational text' then only the Restriction Code will change and the Treatment-Of Code will remain the same. If there is a change that affects the 'legal text' of the restriction then both codes will change.

The legacy V2 PBS XML only has a single code for each restriction. This is equivalent to the 'Treatment-Of Code'. The down-conversion process copies the 'Treatment Of Code' into the restriction for the V2.x PBS XML. This code is therefore also used for the text extracts.

The V3 PBS XML will contain both Treatment-Of Codes and Restriction Codes. The restriction-reference under a benefit will list the Restriction Code, while the matching Restriction under the prescribing-texts-list will list both codes. These both appear as "code" elements and are distinguished by their rdf:resource attribute.

In V2 Down-converted XML the Treatment-Of Code will appear as just a 'code' element under the restriction, and there is no rdf:resource attribute.

Below are some examples from the second release 2018 February 1st PBS.

Example of a restriction-reference under a benefit-type in the V3 PBS XML file:

```
<restriction-reference xlink:href="#a542534">
<code rdf:resource="http://pbs.gov.au/code/restriction">7166</code>
<effective>
<date>2017-12-01</date>
</effective>
</restriction-reference>
```

Example of the restriction in the Prescribing-Texts-List in the V3 PBS XML file:

```
<restriction xml:id="a542534">
<code rdf:resource="http://pbs.gov.au/code/restriction">7166</code>
<code rdf:resource="http://pbs.gov.au/code/treatment-of">5856</code>
<assessment rdf:resource="http://pbs.gov.au/assessment/immediate">
<code rdf:resource="http://pbs.gov.au/assessment">immediate</code>
<effective>
```

```xml
<date>2017-12-01</date>
</effective>
</assessment>
<indication-reference xlink:href="#a35372">
<code rdf:resource="http://pbs.gov.au/code/prescribing-text">8771</code>
<effective>
<date>2017-12-01</date>
</effective>
</indication-reference>
<administrative-advice-reference xlink:href="#a14323">
<code rdf:resource="http://pbs.gov.au/code/prescribing-text">7901</code>
<effective>
<date>2017-12-01</date>
</effective>
</administrative-advice-reference>
<effective>
<date>2017-12-01</date>
</effective>
</restriction>
```

Example in V2 Down-convert

```xml
<rwt:restriction xml:id="rstrXd4e160613">
    <pbs:code>5856</pbs:code>
    <rwt:indication-reference xlink:href="#a35372"/>
    <rwt:circumstance-reference xlink:href="#rstrXd4e160613XincrXqty"/>
    <rwt:circumstance-reference xlink:href="#rstrXd4e160613XincrXrpt"/>
    <rwt:circumstance-reference xlink:href="#rstrXd4e160613Xcirc"/>
    <rwt:administrative-advice-reference xlink:href="#a14323"
xml:id="urstrXd4e160613X7901"/>
    <rwt:administrative-advice-reference xlink:href="#a25185"
xml:id="urstrXd4e160613X9217"/>
    <rwt:alternate-text>
      <dbk:para>Schizophrenia</dbk:para>
      <dbk:note role="rwt:administrative-advice#9217">
        <dbk:para>Pharmaceutical benefits that have the form olanzapine
tablet 2.5 mg and pharmaceutical benefits that have the form olanzapine tablet
2.5 mg (as benzoate) are equivalent for the purposes of
substitution.</dbk:para>
      </dbk:note>
      <dbk:note role="rwt:administrative-advice#7901">
        <dbk:para>
          <dbk:emphasis role="strong">Shared Care
Model</dbk:emphasis>:</dbk:para>
        <dbk:para>For prescribing by nurse practitioners where care of a
patient is shared between a nurse practitioner and medical practitioner in a
formalised arrangement with an agreed management plan. Further information
can be found in the Explanatory Notes for Nurse Practitioners.</dbk:para>
      </dbk:note>
```

```
        </rwt:alternate-text>
      </rwt:restriction>
```

Example of an Xpath query to return a restriction's Treatment-Of Code from a V3 PBS XML file given the Restriction Code would be:

root/**prescribing-texts-list**/**restriction**[**code**[*@rdf:resource* = 'http://pbs.gov.au/code/restriction'] = 'XXXX']/**code**[*@rdf:resource* = 'http://pbs.gov.au/code/treatment-of']