

PharmBiz

Software Vendors Forum

Agenda

- ✦ Introduction/setup
- ✦ PBS Number (Item Code)
- ✦ Forums and Workshops
- ✦ ICSP
- ✦ PBS XML v2.2
- ✦ RWT
- ✦ Other Business

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- ✦ Introduction/setup
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PBS Number

- ✦ a.k.a. PBS Item Code
- ✦ 4 digit item codes exhausted in 2010-2011
- ✦ However...
- ✦ Recovery of unused codes yields ~400 codes
 - ✦ +1 year \Rightarrow 2012
- ✦ PharmCIS will release 200 codes
 - ✦ +1 year \Rightarrow 2013

PBS Number, Cont'd

- ✦ Code blocks will soon become unreliable
- ✦ Item code allocation will soon become random

PBS Number, Cont'd

- ✦ Timetable for introduction of 5 digit codes
 - ✦ Q: vendor readiness
 - ✦ Testing
 - ✦ Coordinate with vendors & Medicare

PBS Number, Cont'd

- Proposal: new measures use 5 digit codes

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Forums and Workshops

- ✦ PharmBiz Forum
 - ✦ Face-to-face meeting
 - ✦ Discuss technical issues
 - ✦ Meets bi-annually, 1st & 3rd quarter

Forums and Workshops

- ✦ Workshops
 - ✦ Assist with adoption of PBS XML
 - ✦ 2nd & 4th quarters
 - ✦ Options:
 - ✦ Hands-on tutorial
 - ✦ 1-1 consulting
 - ✦ ???

Forums and Workshops

- ✦ Issues
 - ✦ Setup: BYO laptop?
 - ✦ Software: which database? which language?
 - ✦ Location: probably Canberra

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ICSP

- ✦ Intravenous Chemotherapy Supply Program
- ✦ Implementation delayed

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- ✦ **PBS XML v2.2**
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PBS XML v2.2

- ✦ Published April 2009
- ✦ For use in production with PharmCIS
- ✦ Major change: pricing model
- ✦ Philosophy: reduce or eliminate interpretation/calculation
- ✦ Base (source) values published in XML
- ✦ All derived values also published

PBS XML v2.2, Cont'd

- ✦ Base values:
 - ✦ RP price, ex-man & P2P
 - ✦ Reimbursement price, ex-man & P2P
 - ✦ Fees and markups

PBS XML v2.2, Cont'd

- ✦ Derived values:
 - ✦ Pharmacist pack price
 - ✦ Pharmacist price for MQ
 - ✦ DPMQ: RP, benchmark, reimbursement
 - ✦ Contributions: TGP/SPC, brand premium

PBS XML v2.2, Cont'd

```
<pbs:restricted>
```

```
<pbs:code>2315W</pbs:code>
```

```
...
```

```
<pbs:pricing>
```

```
<pbs:reimbursement>
```

```
<pbs:ex-manufacturer>440.00</pbs:ex-manufacturer>
```

```
<pbs:to-pharmacist>484.00</pbs:to-pharmacist>
```

```
<pbs:pack-price>532.40</pbs:pack-price>
```

```
</pbs:reimbursement>
```

```
<pbs:benchmark-dpmq>995.15</pbs:benchmark-dpmq>
```


PBS XML v2.2, Cont'd

```
<pbs:maximum-safety-net-value>29.50</pbs:maximum-safety-net-value>
```

```
<pbs:maximum-patient-charge>29.50</pbs:maximum-patient-charge>
```

```
<pbs:contribution>
```

```
  <pbs:contribution-type>contrib:special-patient</pbs:contribution-type>
```

```
  <pbs:amount>457.60</pbs:amount>
```

```
</pbs:contribution>
```

```
<pbs:effectivity>
```

```
  <pbs:start>2008-01-01</pbs:start>
```

```
</pbs:effectivity>
```


PBS XML v2.2, Cont'd

```
<pbs:fees-list>
```

```
  <pbs:fee>
```

```
    <pbs:type>fee:safety-net-recording</pbs:type>
```

```
    <db:title>Safety Net Recording Fee</db:title>
```

```
    <pbs:price>0.00</pbs:price>
```

```
  </pbs:fee>
```

```
  <pbs:fee>
```

```
    <pbs:type>fee:ready-prepared-extra</pbs:type>
```

```
    <db:title>Additional Ready Prepared Fee</db:title>
```

```
    <pbs:price>0.00</pbs:price>
```

```
  </pbs:fee>
```

```
</pbs:fees-list>
```


PBS XML v2.2, Cont'd

```
<pbs:prices>
```

```
  <pbs:brand-reference xlink:href="#d47492746"/>
```

```
  <pbs:markup>
```

```
    <pbs:code>C</pbs:code>
```

```
    <pbs:limit>0.01</pbs:limit>
```

```
    <pbs:amount type="percent">10</pbs:amount>
```

```
  </pbs:markup>
```

```
  <pbs:pack-price>1072.83</pbs:pack-price>
```

```
  <pbs:dpmq>1077.98</pbs:dpmq>
```


PBS XML v2.2, Cont'd

```
<pbs:effectivity>  
  <pbs:start>2008-02-01</pbs:start>  
</pbs:effectivity>
```

```
<pbs:contribution>  
  <pbs:contribution-type>contrib:brand-premium</pbs:contribution-type>  
  <pbs:amount>82.83</pbs:amount>  
</pbs:contribution>  
</pbs:prices>  
</pbs:pricing>
```


PBS XML v2.2, Cont'd

```
<pbs:brand>
```

```
...
```

```
<pbs:pricing>
```

```
<pbs:ex-manufacturer>885.30</pbs:ex-manufacturer>
```

```
<pbs:to-pharmacist>975.30</pbs:to-pharmacist>
```

```
</pbs:pricing>
```

```
...
```

```
</pbs:brand>
```


Agenda

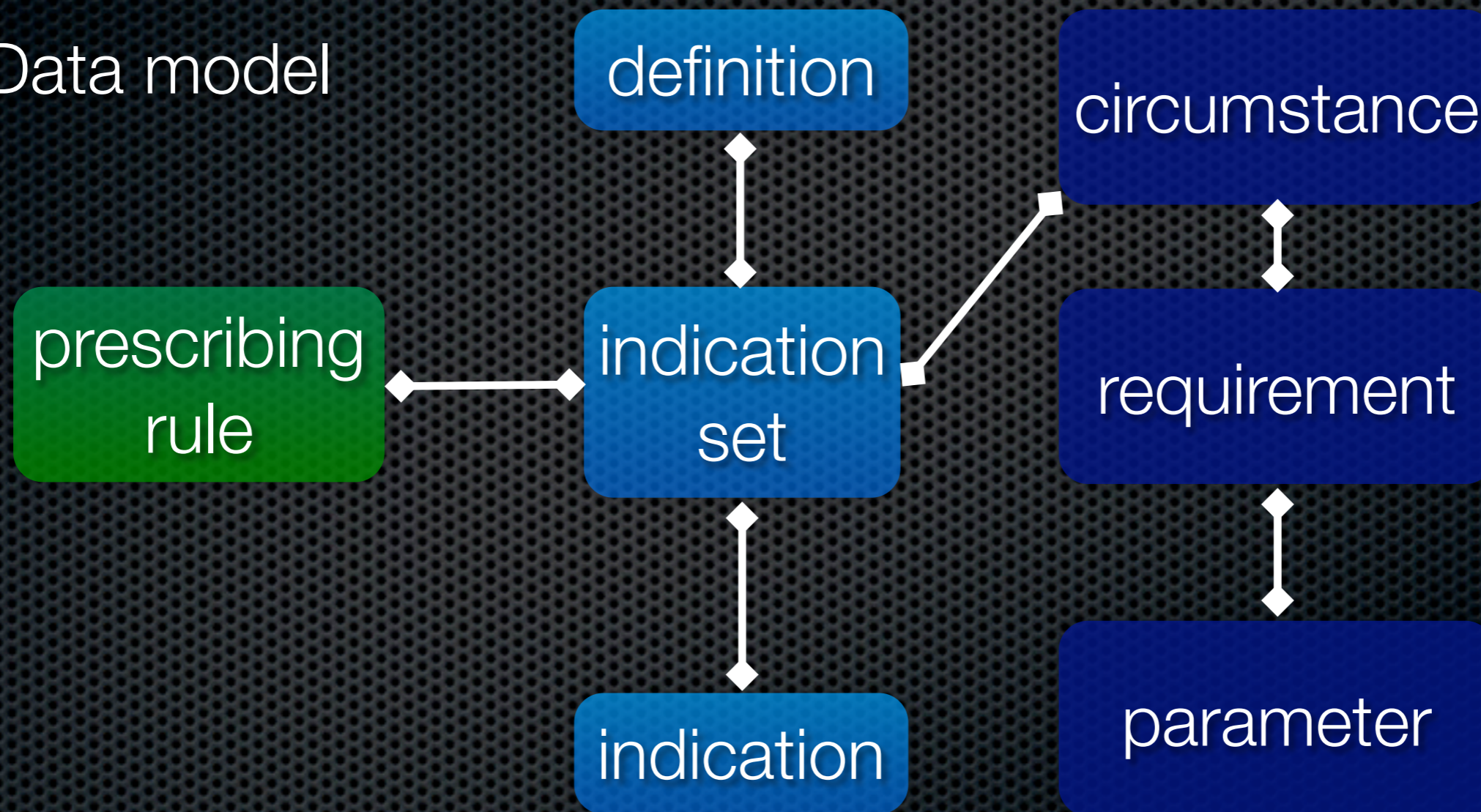
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RWT

- ✦ Restrictions Wording Tool
- ✦ Restrictions are currently unstructured
- ✦ RWT will build restrictions from components
- ✦ XML representation
 - ✦ RDF-based
- ✦ PBS XML will carry dual representation
 - ✦ RWT + DocBook

RWT, Cont'd

- Data model



RWT, Cont'd

- ✦ Populating data
- ✦ Examples

RWT, Cont'd

```
<pbs:restricted>  
  <pbs:code>1234X</pbs:code>  
  <pbs:ready-prepared>  
    <pbs:authority-list>  
      <pbs:authority>  
        <pbs:restriction xlink:href="#eg1">  
          <pbs:code>0001</pbs:code>  
          <dbk:para>Eczema</dbk:para>  
        </pbs:restriction>  
      </pbs:authority-list>  
    </pbs:ready-prepared>  
  </pbs:restricted>
```

...

RWT, Cont'd

```
<rdf:RDF>
```

```
  <rwt:Indication-Set rdf:about="eg1">
```

```
    <rwt:code>0001</rwt:code>
```

```
    <rwt:has-indication rdf:resource="eg1-1"/>
```

```
    <rwt:has-circumstance rdf:resource="eg1-2"/>
```

```
  </rwt:Indication-Set>
```

```
  <rwt:Indication rdf:about="eg1-1">
```

```
    <rwt:condition>Eczema</rwt:condition>
```

```
  <rwt:Indication>
```


RWT, Cont'd

```
<rwt:Circumstance rdf:about="eg1-2">  
  <rwt:authority-method rdf:resource="am:restricted"/>  
</rwt:Circumstance>
```

...

```
</rdf:RDF>
```


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