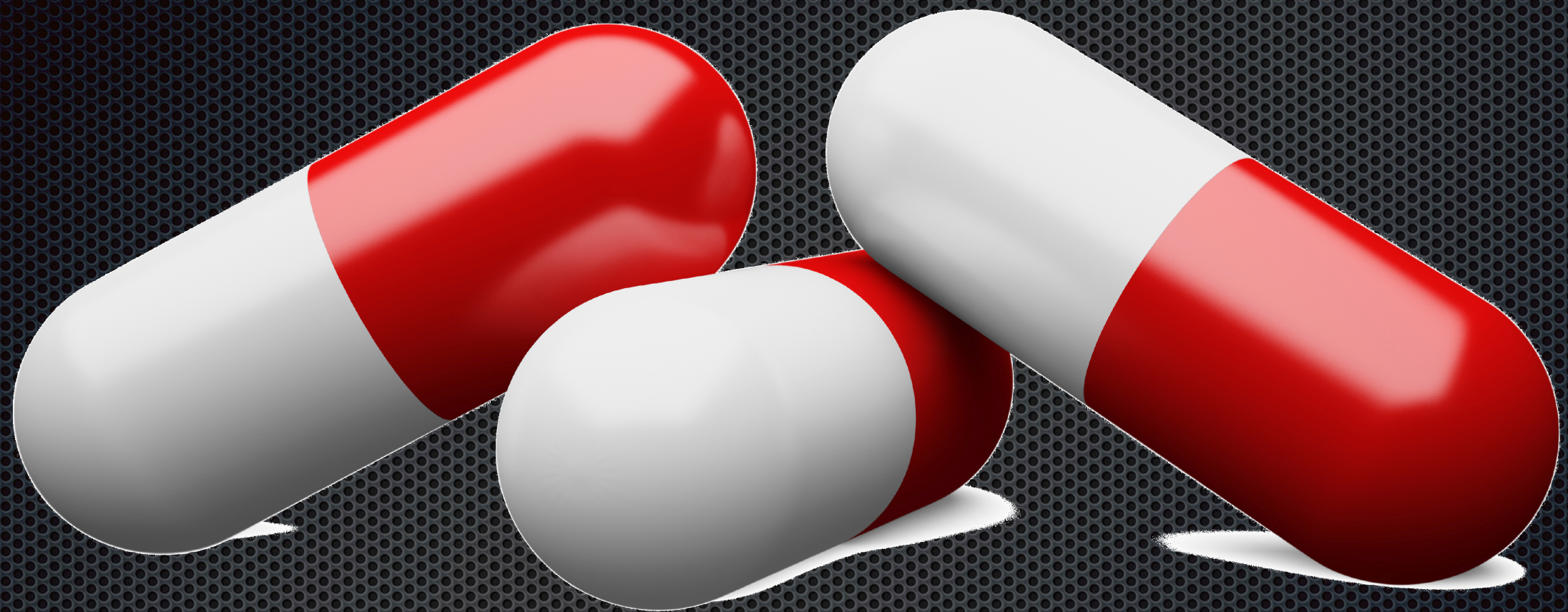




PBS Developers' Forum

13th October 2016

Agenda

- ✦ Welcome/Introduction
- ✦ Action Items
- ✦ ePrescribing
- ✦ IHIN
- ✦ Automated Authorities
- ✦ AMT v3
- ✦ PBS XML Schema 3.0
- ✦ PBS XML Views
- ✦ Other Business
- ✦ Meeting close

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Action Items

- *Health to look at possibility of re-working the system so that Pharmacists are not working backwards to find streamlined codes*
- PBS XML v3.0 will include restriction data for 12 month period

Action Items

- *The PBS Online system will identify if a patient has been to another Pharmacy for the same script. Department of Health will advise further on this issue.*
- ERRCD

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e-PBS Prescribing

- ✦ PBD is actively considering e-PBS prescribing
- ✦ Developing legal and policy requirements
- ✦ Engage with clinical software stakeholders
- ✦ e-PBS prescribing as another prescribing option
 - ✦ Seamless prescribing, dispensing and claiming
 - ✦ No need to transcribe from paper-based prescription

e-PBS Prescribing

- ✦ Implementation to be consistent with Government requirement for digital health surety and security
- ✦ PBD in consultation with:
 - ✦ ADHA, DVA, DHS
 - ✦ all jurisdictions' Health CIO, Chief Pharmacist
- ✦ Part of AHMAC

e-PBS Prescribing

- ✦ PBD focus: legislation and policy
- ✦ Agency focus: technical development, consultations and implementation
- ✦ Important digital health functionality
 - ✦ Benefit for consumers

e-PBS Prescribing

- ✦ Electronic Prescribing Working Group
 - ✦ Within AHMAC
 - ✦ Develop processes and rules

e-PBS Prescribing

- ✦ e-PBS Prescription:
 - ✦ Digital
 - ✦ Immutable
 - ✦ No change in PBS patient, provider or supplier eligibility
 - ✦ High level of trust and security

e-PBS Prescribing

- ✦ Next steps
- ✦ High-level mapping of PBS prescription lifecycle
- ✦ Develop core e-PBS prescribing data components
- ✦ C'wlth legal arrangements
- ✦ Agency: *National Requirements for Electronic Prescribing, National Compliance Framework*

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IHIN

- ✦ International Harmonisation of Ingredient Names
- ✦ a.k.a. Int'l Harmonisation of Medicine Names
- ✦ TGA initiative
- ✦ ADHA implementation in AMT

IHIN

- ✦ International agreement on medicine naming convention
- ✦ TGA has implemented new medicine names
 - ✦ www.tga.gov.au/updating-medicine-ingredient-names
- ✦ Since 6 April 2016
 - ✦ amoxycillin ⇒ amoxicillin
- ✦ ARTG entries updated

IHIN

- ✦ 4-7 year transition
- ✦ Ends April 2023
- ✦ ADHA updating AMT
 - ✦ starting October 2016
 - ✦ 3 months

IHIN

- ✦ PBS will load AMT releases
- ✦ New PBS brands and submissions will use AMT name
 - ✦ Current practice

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Automated Authorities

- ✦ Department of Human Services initiative
- ✦ Commenced May 2016 Schedule
- ✦ All PBS items include threshold values

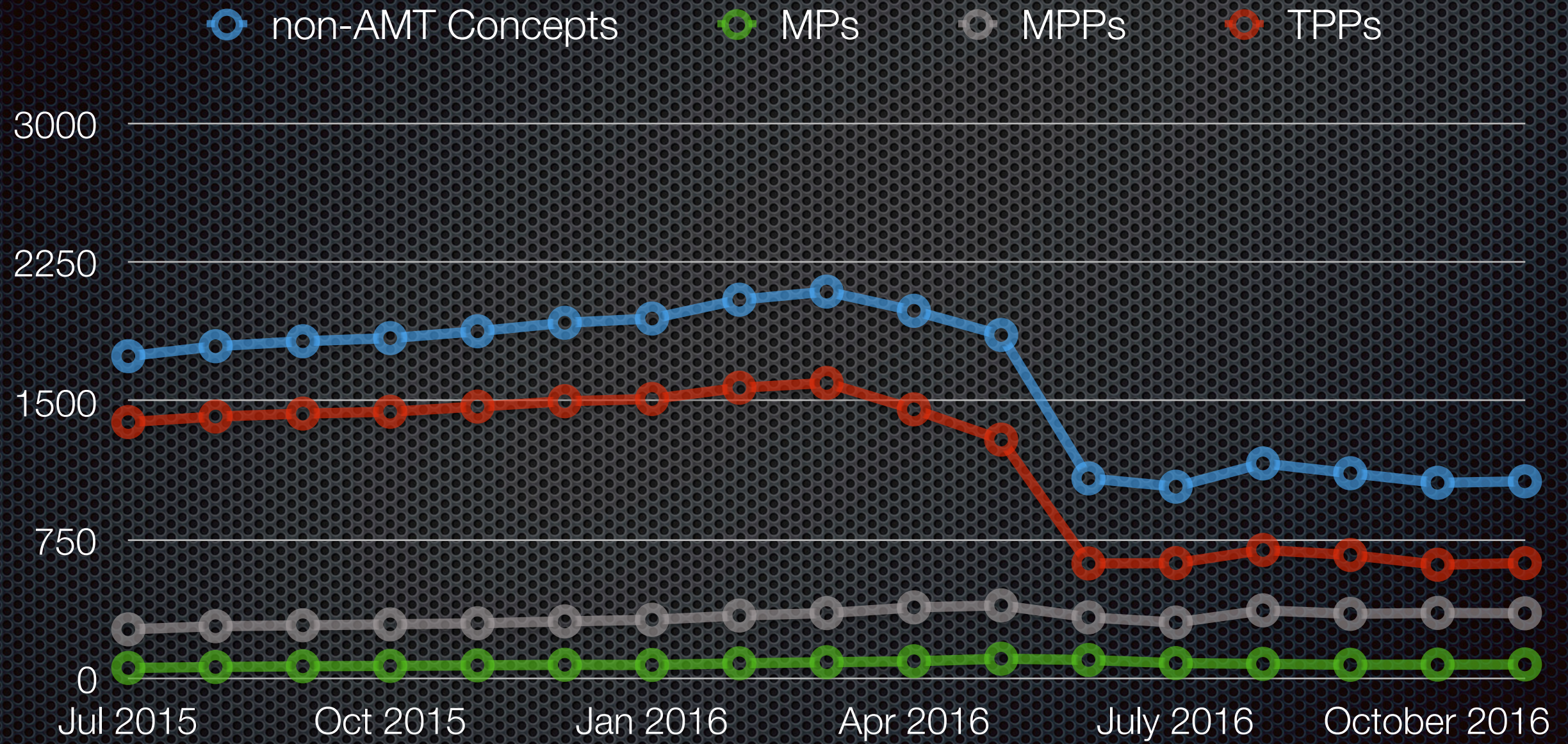
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AMT v3

- ✦ PharmCIS implementation complete
- ✦ Phase 1
- ✦ Deployed February/March 2016
 - ✦ May 2016 Schedule
- ✦ Backlog of un-reconciled concepts

AMT v3



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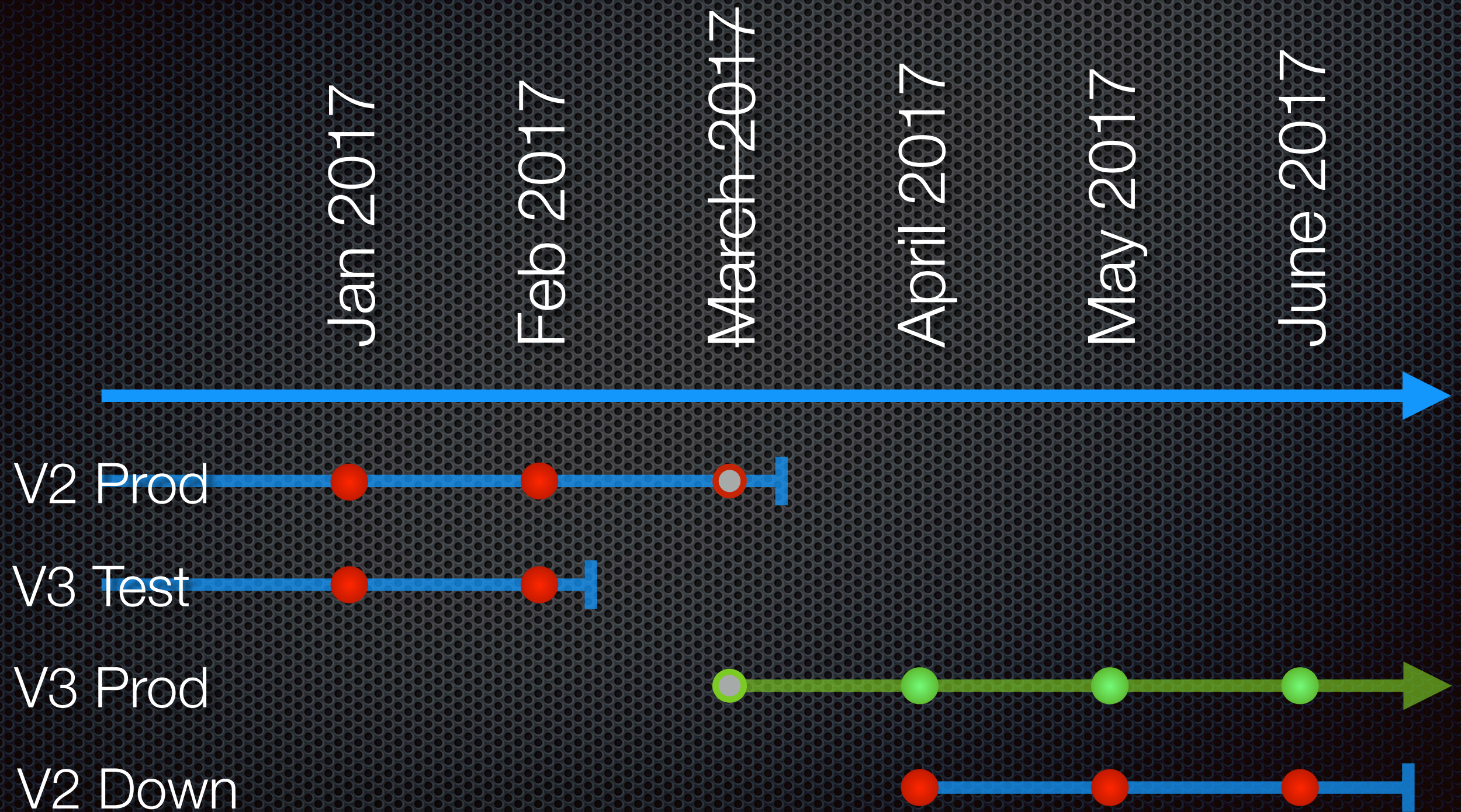
PBS XML v3.0

- ✦ Schedule
- ✦ Transition Plan
- ✦ Progress

PBS XML v3.0

- ✦ Schedule
- ✦ Align with DHS
- ✦ No changes in March 2017
- ✦ V3 Go-Live: April 2017 Schedule

PBS XML v3.0



PBS XML v3.0

- ✦ Schedule
- ✦ Transition Plan
- ✦ Progress

PBS XML v3.0

- ✦ Transition Plan
- ✦ Support users to transition from v2 to v3
- ✦ Support users to adopt v3
- ✦ Support users to transition from text extracts to v3 or Views

PBS XML v3.0

- ✦ Transition Plan
- ✦ Provide sample data with embargo files
 - ✦ Started September 2016 Schedule
- ✦ Upconverted from V2 embargo PBS XML
- ✦ NOT production quality
 - ✦ For testing/evaluation only

PBS XML v3.0

- ✦ Transition Plan
- ✦ No upconversion in production
- ✦ || publication of V2 and V3 PBS XML
- ✦ 12 months: final v2 PBS XML March 2017

PBS XML v3.0

- ✦ Transition Plan
- ✦ Downconversion of V3 to V2
- ✦ Freeze v2 schema

PBS XML v3.0

- ✦ Down convert specification
 - ✦ Supply-only $\Rightarrow$ delist then remove
 - ✦ PR Notes $\Rightarrow$ copy to restrictions
 - ✦ Assessment $\Rightarrow$ authority method
 - ✦ Images $\Rightarrow$ remove

PBS XML v3.0

- Down convert specification
 - Increases $\Rightarrow$ e-authority value
 - CAR $\Rightarrow$ ext:complex-authority-required
 - Benefit Type $\Rightarrow$ move all prescriber types, restrictions to prescribing rule

PBS XML v3.0

- Down convert specification
 - Logical operators $\Rightarrow$ simulate logical constraints

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PBS XML Views

- ✦ Update

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PBS XML v3.0

- ✦ Schedule
- ✦ Transition Plan
- ✦ Progress

PBS XML v3.0

- ✦ Pre-Production stage
- ✦ Finalise schema, complete package, test data available
- ✦ Pre-Production Release 1: ~~March~~ February 2016
- ✦ Pre-Production Release 2: July 2016
- ✦ Pre-Production Release 3: September 2016
- ✦ Pre-Production Release 4: October 2016

PBS XML v3.0

- ✦ Production release
- ✦ March 2017
- ✦ Minor releases
 - ✦ Use extension mechanism

PBS XML v3.0

- ✦ Progress
- ✦ Proposed changes (June 2016)
- ✦ #1: Identifier for system software ✓
- ✦ #2: equal data facet ✓
- ✦ #3: benefit-type $\Rightarrow$ restriction-level ✗
- ✦ #4: Informational text on benefit-type ✗

PBS XML v3.0

- ✦ Progress
- ✦ Proposed changes (June 2016)
- ✦ #5: Identify (legal) CAR items ✓
- ✦ #6: brand-name ✓
- ✦ #7: normalise restriction components ✓

PBS XML v3.0

- ✦ Legal CAR
- ✦ Group
 - ✦ <http://pbs.gov.au/complex-authority-required>
- ✦ Two instances
 - ✦ <http://pbs.gov.au/complex-authority-required/is-complex>
 - ✦ <http://pbs.gov.au/complex-authority-required/not-complex>

PBS XML v3.0

- All prescribing rules member of one group

```
<member-of-list>  
  <member-of rdf:resource="http://pbs.gov.au/complex-authority-required/not-complex">  
    <code  
      rdf:resource="http://pbs.gov.au/code/complex-authority-required">not-complex</code>  
    <effective>  
      <date>2013-12-01</date>  
    </effective>  
  </member-of>  
</member-of-list>
```

PBS XML v3.0

- Brand name
- TPUU, TPP, CTPP

```
<tpp>
...
<brand-name>
  <value>Mylanta P</value>
  <effective>
    <date>2016-01-01</date>
  </effective>
</brand-name>
...
</tpp>
```

PBS XML v3.0

- ✦ Normalise restriction components
- ✦ Only references
- ✦ No inline elements
- ✦ No mixed content

PBS XML v3.0

- ✦ Progress
- ✦ Other changes
 - ✦ Supply-only now points to substitute PR
 - ✦ Remove product-listing code (October 2016)
 - ✦ treatment-of code

PBS XML v3.0

- ✦ Supply-only
- ✦ Don't maintain pricing data
- ✦ Give substitute prescribing rule for claiming

```
<supply-only>  
  <date>2016-04-01</date>  
  <prescribing-rule-reference xlink:href="#a247919353">  
    <code rdf:resource="http://pbs.gov.au/code/item">10389T</code>  
    <effective>  
      <date>2016-04-01</date>  
    </effective>  
  </prescribing-rule-reference>  
  <non-effective>  
    <date>2017-04-01</date>  
  </non-effective>  
</supply-only>
```

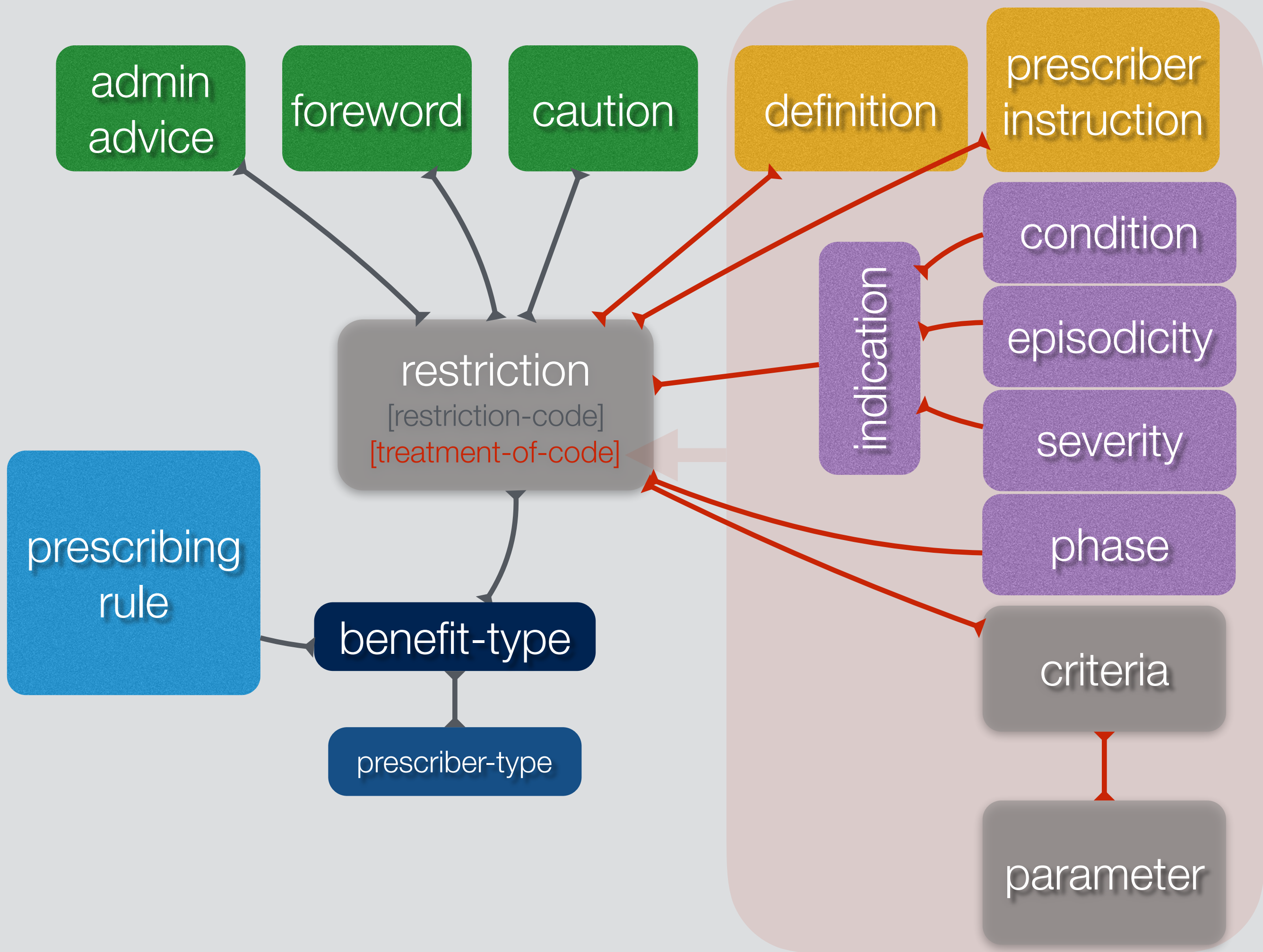
PBS XML v3.0

- Product listing code
- Introduced pre-prod-1

```
<product-listing xml:id="d5e8293">  
  <tpp-reference xlink:href="#a247902300">  
    <code rdf:resource="http://snomed.info/sct/900062011000036108">94291000036105</code>  
    <effective>  
      <date>2013-12-01</date>  
    </effective>  
  </tpp-reference>  
  <code rdf:resource="http://pbs.gov.au/code/manufacture">NE</code>  
  <code rdf:resource="http://pbs.gov.au/code/product-listing">291845732</code>
```

PBS XML v3.0

- ✦ Restriction code management
- ✦ Restriction code
 - ✦ Configuration of entire restriction, including informational text
- ✦ treatment-of code
 - ✦ Configuration of legal components



PBS XML v3.0

- ✦ Restriction code is unique
- ✦ treatment-of code may be duplicated
- ✦ Same treatment-of code $\Rightarrow$ same legal components

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Meeting Close

- Next meeting February 2017