# Duplicate Component

<table>
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<th>Title</th>
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| Narrative description | 2 concepts appear to have the same meaning. This may arise for the following reasons:  
- The FSN has different word order but the implied meaning is the same  
- The concept shares the same descriptions (synonyms) but the FSNs are slightly different  
- While the descriptions may be different the 2 concepts share the same modelling  
- The FSNs imply that the concepts are the same but the modelling is different |

| Details |  
(Provide specifics about the scenario to support comparison to other scenarios) |  
What is being inactivated (concept /description/any component)? | The duplicate concept is being inactivated  
What is the reason for inactivation (description)? | The 2 concepts are considered to be semantically equivalent  
Which inactivation value should be used? | Duplicate component  
Which historical association reference set should be used? | SAME AS association reference set (foundation metadata concept) |

| Known issues |  
(Describe any issues that may occur for this scenario and which may complicate interpretation of the inactivation) |  
1. Establishing semantic equivalence is key and may be difficult. If there is doubt consider using ambiguous as the inactivation reason  
2. Where the concepts have subtypes consider whether they add ‘meaning’ to the parent term and provide further evidence of semantic equivalence  
3. Where the modeling indicates semantic difference establish whether these differences impact other concepts and analytics  
4. Consider whether the following might be semantically equivalent:  
a. xxx disorder and xxx disorder without yyy disorder  
b. xxx disorder and xxx finding  
c. on examination xxx and xxx finding |

| Examples |  
Simple Example | 145857006 Soft tissue X-ray abnormal (situation) SAME_AS  
168711005 Soft tissue X-ray abnormal (finding)  
235998001 Perinephric abscess (disorder) SAME_AS  
80640009 Perirenal abscess (disorder) |

Complex Example | 136852007 Computer operator (occupation) SAME_AS  
8651002 Electronic computer operator (occupation)  
232141000 Cycloplegic paralysis of accommodation (finding) SAME_AS  
68158006 Cycloplegia (disorder) |

Erroneous Examples | 312186009 L-Phenylalanine (substance) SAME_AS  
63004003 Phenylalanine (substance)  
274374000 Endoscopic surgical procedure (procedure) SAME_AS  
363687006 Endoscopic procedure (procedure)  
156240002 Primary postpartum haemorrhage (disorder) SAME_AS  
27214003 Atonic postpartum hemorrhage (disorder) |
<table>
<thead>
<tr>
<th>Impact</th>
<th>Authors</th>
<th>Requirement to establish true semantic equivalence</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Release Management Team</td>
<td>Review and update refsets</td>
</tr>
<tr>
<td></td>
<td>Developers</td>
<td>Generally minimal, when the inactivated concept points to the duplicate. The change may require terminology merging or remapping. One issue might be how the change affects the concept &quot;synonyms&quot;.</td>
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<td>End Users</td>
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**Potential improvement**

(Provide an indication of whether the current inactivation mechanism for this scenario is sufficient, or provide your ideas or thoughts on potential improvements)

**Supporting resources**

(Provide links to any resources relevant for this scenario)

<url> <comment>