

semantic equivalence

The relationship between two classes that have the same logical meaning.

Notes

- The equivalent classes may be represented in different ways for example as [SNOMED CT concept definitions](#), [SNOMED CT expressions](#), or a [xioms](#) expressed using a syntax such as [OWL Functional Syntax](#).
- Semantic equivalence is represented by the symbol or by a sequence of three equals signs === .

Example

- The expression below asserts that the concept [80146002 | Appendectomy](#) has *semantic equivalence* with [71388002 | Procedure](#) with method [129304002 | Excision - action](#) applied to the direct site [66754008 | Appendix structure](#) .

```
80146002 |Appendectomy|  
=== 71388002 |Procedure| :  
  { 405813007 |Procedure site - Direct| = 66754008 |Appendix structure| ,  
    260686004 |Method| = 129304002 |Excision - action| }
```

Alternatives

- **Concept equivalence**
- **Equivalence**