

## A.5 Exclusion and Not Equals - Valid Expressions

Expression Constraint	Valid Expression <sup>1</sup>	
	Precoordinated	Postcoordinated
<< 19829001  Disorder of lung  MINUS << 301867009  Edema of trunk	372146004  Acute chest syndrome  413839001  Chronic lung disease	27819004  Pulmonary ossification  : { 116676008  Associated morphology  = 18115005  Pathologic calcification  , 363698007  Finding site  = 31094006  Structure of lobe of lung  }
<< 19829001  Disorder of lung  MINUS ^ 700043003  Example problem list concepts reference set	233613009  Fungal pneumonia	27819004  Pulmonary ossification  : { 116676008  Associated morphology  = 18115005  Pathologic calcification  , 363698007  Finding site  = 31094006  Structure of lobe of lung  }
< 404684003  Clinical finding  : 116676008  Associated morphology  = ((<< 56208002  Ulcer  AND << 50960005  Hemorrhage  ) MINUS << 26036001  Obstruction  )	15902003  Gastric ulcer with hemorrhage	64572001  Disease  : { 116676008  Associated morphology  = 55075001  Bleeding ulcer  , 363698007  Finding site  = 14374004  Structure of lymphatic vessel of esophagus  }
< 404684003  Clinical finding  : 116676008  Associated morphology  != << 26036001  Obstruction	233613009  Fungal pneumonia  46708007  Acute gastric ulcer with hemorrhage AND obstruction	64572001  Disease  : { 116676008  Associated morphology  = 26036001  Obstruction  , 363698007  Finding site  = 422897007  Vascular structure of stomach  } { 116676008  Associated morphology  = 45771005  Acute bleeding ulcer  , 363698007  Finding site  = 422897007  Vascular structure of stomach  }
< 404684003  Clinical finding  : [0..0] 116676008  Associated morphology  = << 26036001  Obstruction	233613009  Fungal pneumonia  15902003  Gastric ulcer with hemorrhage	64572001  Disease  : { 116676008  Associated morphology  = 55075001  Bleeding ulcer  , 363698007  Finding site  = 14374004  Structure of lymphatic vessel of oesophagus  }
< 404684003  Clinical finding  : [0..0] 116676008  Associated morphology  != << 26036001  Obstruction	244815007  Pyloric obstruction  84906002  Local cyanosis	64572001  Disease  : { 116676008  Associated morphology  = 26036001  Obstruction  , 363698007  Finding site  = 314600001  Choledochoenterostomy stoma  }
< 404684003  Clinical finding  : [0..0] 116676008  Associated morphology  != << 26036001  Obstruction  AND [1..*] 116676008  Associated morphology  = << 26036001  Obstruction	244815007  Pyloric obstruction	64572001  Disease  : { 116676008  Associated morphology  = 26036001  Obstruction  , 363698007  Finding site  = 314600001  Choledochoenterostomy stoma  }

<sup>1</sup> Where necessary, these examples make some assumptions about the membership of the example reference sets.