

A.5 Exclusion and Not Equals - Valid Expressions

Expression Constraint	Valid Expression ¹	
	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 }

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