B.1 Simple Expression Constraints - Invalid Expressions

Expression Constraint	INVALID Expression[1]	
	Precoordinated	Postcoordinated
404684003 | Clinical finding|	56265001 | Heart disease| 71388002 | Procedure|	404684003 | Clinical finding| : 363698007 | Finding site| = 80891009 | Heart structure|
< 404684003 | Clinical finding|	404684003 | Clinical finding| 71388002 | Procedure|	71388002 | Procedure| : 405813007 | Procedure site - Direct| = 80891009 | Heart structure|
<< 73211009 | Diabetes mellitus|	71388002 | Procedure| 362969004 | Disorder of endocrine system|	404684003 | Clinical finding| : 363698007 | Finding site| = 113331007 | Structure of endocrine system|
<! 404684003 | Clinical finding|	404684003 | Clinical finding| 233709006 | Toxic pulmonary edema|	404684003 | Clinical finding| : 116676008 | Associated morphology| = 79654002 | Edema| , 363698007 | Finding site| = 80891009 | Heart structure| [2]
> 40541001 | Acute pulmonary edema|	40541001 | Acute pulmonary edema| 233709006 | Toxic pulmonary edema| 304527002 | Acute asthma|	40541001 | Acute pulmonary edema| : 246112005 | Severity| = 24484000 | Severe|
>> 40541001 | Acute pulmonary edema|	233709006 | Toxic pulmonary edema| 304527002 | Acute asthma|	40541001 | Acute pulmonary edema| : 246112005 | Severity| = 24484000 | Severe|
>! 40541001 | Acute pulmonary edema|	404684003 | Clinical finding| 267038008 | Edema|	64572001 | Disease| : 263502005 | Clinical course| = 424124008 | Sudden onset AND/OR short duration| [3]
^ 700043003 | Example problem list concepts reference set|	6143009 | Diabetic education| 75367002 | Blood pressure|	71388002 | Procedure| : 405813007 | Procedure site - Direct| = 80891009 | Heart structure|
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Footnotes

RefNotes

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

2 Please note that this makes the assumption that the given expression constraint is executed against a finite set of expressions that has been pre-classified (e.g. in an expression repository), and that after classification there is at least one intermediate expression between this expression and 404684003 |Clinical finding|.

3 Please note that this makes the assumption that the given expression constraint is executed against a finite set of expressions that has been pre-classified (e.g. in an expression repository), and that after classification there is at least one intermediate expression between 40541001 |Acute pulmonary edema| and this expression.