HowTo's

Tuesday, December 04, 2012

9:08 AM

**How to include one disease KB (B.pprj for Guideline B) into another KB (A.pprj for Guideline A)**

* Include one Protégé file in another project, see <http://protegewiki.stanford.edu/wiki/PrF_UG_projects_all#Including_a_Project>
* In Knowledge Acquisition tab of A.pprj, in "Subguidelines" Slot, add instance of "Guideline B"
  + Example: ATHENA\_HTN.pprj was included in ATHENA\_DM.pprj. In Subguidelines slot, VA/JNC-VII Hypertension Guide was added.

Reasons to include:

* Re-use existing concepts and criteria that exist in included KB
* Able to generate multiple advisories in one session

Issues when including:

* Takes longer to generate advisories

*Email exchange ST/CO 12.3.2012*

**How to encode serious Adverse Event (AE) of a drug class as an Absolute Contraindication.**

Example: angioedema is an AE for ACE Inhibitors in HTN KB

* Drug\_Usage -> ACE\_Inhibitors
* Under "Absolute Contraindication", there exists class "Presence of angioedema"
* "Presence of angioedema" has DiagnosticCriteria instance "Presence of agngioedema"
* This Instance is a PAL\_Criterion, with :PAL-CONSTRAINT instance "Presence of angioedema"
* Copy :PAL-CONSTRAINT instance , using disease/AE name as listed in library