Use case - link study to multiple instruments

Example:

NHANES 2007-2008 ICPSR 25505

This study is based on multiple instruments used for data capture:

[Questionnaire.pdf (ACASI)](http://www.icpsr.umich.edu/cgi-bin/file?comp=none&study=25505&ds=0&file_id=1013441&path=ICPSR)  [Questionnaire.pdf (CAPI)](http://www.icpsr.umich.edu/cgi-bin/file?comp=none&study=25505&ds=0&file_id=1013442&path=ICPSR)  [Questionnaire.pdf (ExamLab)](http://www.icpsr.umich.edu/cgi-bin/file?comp=none&study=25505&ds=0&file_id=1013443&path=ICPSR)  [Questionnaire.pdf (FamilyQnaire)](http://www.icpsr.umich.edu/cgi-bin/file?comp=none&study=25505&ds=0&file_id=1013444&path=ICPSR)  [Questionnaire.pdf (SampPerQnaire)](http://www.icpsr.umich.edu/cgi-bin/file?comp=none&study=25505&ds=0&file_id=1013445&path=ICPSR)  [Questionnaire.pdf (ScreenModules)](http://www.icpsr.umich.edu/cgi-bin/file?comp=none&study=25505&ds=0&file_id=1013446&path=ICPSR)

* Study
  + Annotation:
    - title: National Health….(NHANES)...”

……………………………………

* hasInstrument: ImplementedInstrument
* displayLabel: [Questionnaire.pdf (ACASI)](http://www.icpsr.umich.edu/cgi-bin/file?comp=none&study=25505&ds=0&file_id=1013441&path=ICPSR)
* typeOfInstrument:
  + controlled VocabularyID:...
  + controlledVocabularyName:TypeOfInstrument
  + ControlledVocabularyAgencyName: DDI Alliance
  + ControlledVocabularyVersionID:...
  + Content: Questionnaire.Semistructured
* hasInstrument: ImplementedInstrument
* displayLabel:[Questionnaire.pdf (CAPI)](http://www.icpsr.umich.edu/cgi-bin/file?comp=none&study=25505&ds=0&file_id=1013442&path=ICPSR) :
* typeOfInstrument:
  + …….

The implemented instrument does not seem to contain questions

The implemented instrument is

basedON: conceptualInstrument

The conceptualInstrument is not supported in Study? Linked indirectly through reference from implementedInstrument (? - probably yes)

The conceptualInstrument organizes :

Capture

-- has:

Name

Label

Usage

Purpose

Source

Analysis unit

As well as relationship with:

Response Domain

Concept

Instruction

External Aid

Represented question extends: capture and has question text.