TRANSLATABLE: Cqs which should be transformed to a correct query (with no approximations required)

Correct outputs: 3/7 = 42.86%	Output generated	Is it Correct?	Can query be generated?
Which exercises are contraindicated for a patient?	SELECT DISTINCT * WHERE { http://bdi.si.ehu.es/bdi/ontologies/TrhOnt#Patient rdfs:subClassOf [YES	YES
Which exercises are recommended for a patient?	a owl:Restriction; owl:onProperty http://bdi.si.ehu.es/bdi/ontologies/TrhOnt#recommended ; owl:someValuesFrom ?x] . ?x rdfs:subClassOf http://bdi.si.ehu.es/bdi/ontologies/KiReSOntFM#Exercise) . Filter(?x != http://bdi.si.ehu.es/bdi/ontologies/TrhOnt#Exercise > rdfs:subClassOf [a owl:Restriction;	YES	YES
Which movements compose an exercise?	owl:onProperty hasMovement ; owl:someValuesFrom ?x] . ?x rdfs:subClassOf http://bdi.si.ehu.es/bdi/ontologies/KiReSOntFM#Movement) } Filter(?x != http://bdi.si.ehu.es/bdi/ontologies/KiReSOntFM#Movement) }	YES	YES
Which are the body parts that compose a shoulder?	Cannot generate a query from given CQ/ontology.	NO	YES
Which is the type of an auxiliary movement?	SELECT DISTINCT * WHERE { ?x rdfs:subClassOf < http://bdi.si.ehu.es/bdi/ontologies/KiReSOntFM#Movement> . Filter(?x != < http://bdi.si.ehu.es/bdi/ontologies/KiReSOntFM#Movement> && ?x != owl:Nothing) }	NO	YES (APPROXIMATED)
Which body part does an auxiliary movement refer to?	Cannot generate a query from given CQ/ontology.	NO	YES (APPROXIMATED)
Which range of movement does a movement cover?	Cannot generate a query from given CQ/ontology.	NO	YES
Which exercises compose a phrase of a treatment protocool?	Cannot generate a query from given CQ/ontology.	NO	YES

order to be in a phsase of a treatment protocol?	Cannot generate a query from given CQ/ontology.	NO	YES
INTRANSI ATARI E: Cae which chould generate empty recult	because they cannot be expressed using a query (mainly due to missing ontology vocab)		
Correct outputs: 7/11 = 63.64%	because they cannot be expressed using a query (mainly due to missing ontology vocab)		
Which is the laterality of a shoulder?	Cannot generate a query from given CQ/ontology.	YES	NO
/hich results are obtained from the exploration of the joint povement of the patient?	Cannot generate a query from given CQ/ontology.	YES	NO
/hat is the physiotherapy diagnostics of the patient?	Cannot generate a query from given CQ/ontology.	YES	NO
/hich is the family and personal past history of the patient?	Cannot generate a query from given CQ/ontology.	YES	NO
low much pain does the patient report on	Califor generate a query from given eq/ontology.	TLS	NO
he Visual Analogue Scale (VAS)?	Cannot generate a query from given CQ/ontology.	YES	NO
Which are the conditions that an exercise must fulfill to be a Candidate exercise for a phase of a treatment protocol?	Cannot generate a query from given CQ/ontology.	YES	NO
calluluate exercise for a phase of a freatment protocol?	SELECT DISTINCT * WHERE {	TES	NO
	?x rdfs:subClassOf <http: bdi="" bdi.si.ehu.es="" ontologies="" trhont#patient=""> .</http:>		
Vhat is the patient's age?	Filter(?x != <http: bdi="" bdi.si.ehu.es="" ontologies="" trhont#patient=""> && ?x != owl:Nothing) }</http:>	NO	NO
Which health issue does the patient report?	Cannot generate a query from given CQ/ontology.	YES	NO
	SELECT DISTINCT * WHERE { ?x rdfs:subClassOf <http: bdi="" bdi.si.ehu.es="" ontologies="" trhont#patient=""> .</http:>		
Which are the patient's recovery goals?	Filter(?x != http://bdi.si.ehu.es/bdi/ontologies/TrhOnt#Patient & ?x != owl:Nothing) }	NO	NO
	SELECT DISTINCT * WHERE {		
	http://bdi.si.ehu.es/bdi/ontologies/TrhOnt#Patient rdfs:subClassOf ?x .		
	?x rdfs:subClassOf <http: bdi="" bdi.si.ehu.es="" kiresontfm#phase="" ontologies=""> . filter(?x != <http: bdi="" bdi.si.ehu.es="" kiresontfm#phase="" ontologies=""> &&</http:></http:>		
Which phase is a patient in?	?x!= ntase> dd ?x!= http://bdi.si.ehu.es/bdi/ontologies/TrhOnt#Patient)}	NO	NO
	SELECT DISTINCT * WHERE {		
	http://bdi.si.ehu.es/bdi/ontologies/TrhOnt#Patient rdfs:subClassOf [
	a owl:Restriction; Owl:onProperty <http: bdi="" bdi.si.ehu.es="" ontologies="" trhont#recommended=""> ;</http:>		
	owl:someValuesFrom ?x].		
	?x rdfs:subClassOf <http: bdi="" bdi.si.ehu.es="" kiresontfm#exercise="" ontologies=""> .</http:>		
Which exercises do patients usually perform badly?	Filter(?x!= <http: bdi="" bdi.si.ehu.es="" kiresontfm#exercise="" ontologies="">) }</http:>	NO	NO

Comments Good query!, SeeQuery found out that Exercise should be placed right-hand-side of the 'contraindicated' property Good query!, SeeQuery found out that Exercise should be placed right-hand-side of the 'recommended' property Good query!, SeeQuery found out that Movement should be placed right-hand-side of the 'hasMovement' property No query template available, expected something like: http://purl.org/sig/ont/fma/fma25202 is an IRI representing shoulder SELECT ?subpart WHERE { http://purl.org/sig/ont/fma/fma/5202 rdfs:subClassOf [a owl:Restriction; owl:someValuesFrom ?subpart] expected something like (note that approximation using two properties is used: hrase `is the type` mapped to ~ hasComponent and hasMovementType together ELECT ?type WHERE { KiReSOntFM#AuxiliaryMovement rdfs:subClassOf [A owl:Restriction; owl:onProperty KiReSOntFM:hasComponent; owl:someValuesFrom [A owl:Restriction; owl:onProperty KiReSOntFM:hasMovementType; owl:someValuesFrom ?type] xpected something like (note that approximation using two properties is used: hrase 'Refer to' maps to ~ hasComponent and hasLocation ELECT ?location WHERE { KiReSOntFM#AuxiliaryMovement rdfs:subClassOf [A owl:Restriction; owl:onProperty KiReSOntFM:hasComponent; Owl:someValuesFrom [A owl:Restriction; owl:onProperty KiReSOntFM:hasLocation; owl:someValuesFrom ?location] lo required query template available, expected something like: elect ?min, ?max { KiReSOntFM#Movement rdfs:subClassOf [a owl:Restriction; owl:onProperty KiReSOntFM:hasROMmin; owl:hasValue ?min], [a owl:Restriction; owl:onProperty KiReSOntFM:hasROMmax; owl:has Value ?max] expected something like: SELECT ?exercise WHERE { \$phase rdfs:subClassOf [a owl:Restriction; owl:onProperty KiReSOntFM:hasExercise; Owl:someValuesFrom ?exercise]. exercise rdfs:subClassOf KiReSOntFM:NamedExercise

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expectes something like:

SELECT ?condition where {
 \$phase rdfs:subClassOf KiReSOntFM:Phase,
 [a owl:Restriction; owl:onProperty KiReSOntFM:hasConditions;
 Owl:someValuesFrom ?condition]. }

No class/property/instance named like Laterality

No class/property/instance named like joint movement

No class/property/instance named like physiotherapy diagnosis

There is hasPastHistory but expects a subclass/instance of 'Answer' in the Domain

We don't think that a query can be constructed here

No notion of candidate exercise

We don't think that a query can be constructed here

Wrong query, we think that we cannot state a query here

Wrong query, we think that we cannot state a query here

Wrong query, we think that we cannot state a query here, Cannot find anything on badly perfomed exercises

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