

**Figure 6.** Example JSON-D representation of metadata instantiation of the OHDSI Covid19Icarius study

# JSON-LD

```
{ "@graph" : [
  { "@id" : "study:Covid19Icarius",
    "@type" : "schema:MedicalObservationalStudy",
    "analyticsUseCase" :
      "ohdsi:PopulationLevelEstimation",
    "healthCondition" : "concept:37311061",
    "studySubject" : "concept:45775375" },
  {
    "@id": "concept:37311061",
    "@type": "schema:MedicalCondition",
    "code": {
      "@type": "schema:MedicalCode",
      "codeValue": "840539006",
      "codingSystem": "SNOMED",
      "sameAs": "http://snomed.info/id/840539006"
    },
    "identifier": "37311061",
    "name": "Disease caused by 2019-nCoV"
  },
  {
    "@id": "concept:45775375",
    "@type": "schema:Drug",
    "code": {
      "@type": "schema:MedicalCode",
      "codeValue": "1546359",
      "codingSystem": "RxNorm"
    },
    "identifier": "45775375",
    "name": "quinaprilat"
  }
],
"@context" : {
  "analyticsUseCase" : {
    "@id" : "http://data.ohdsi.org/analyticsUseCase",
    "@type" : "@id" },
  "healthCondition" : {
    "@id" : "http://schema.org/healthCondition",
    "@type" : "@id" },
  "studySubject" : {
    "@id" : "http://schema.org/studySubject",
    "@type" : "@id" },
  "name" : {
    "@id" : "http://schema.org/name" },
  "identifier" : {
    "@id" : "http://schema.org/identifier" },
  "code" : {
    "@id" : "http://schema.org/code",
    "@type" : "@id" }}
}
```

