**Health.schema.org Extension Proposal**

**Overview of the vocabulary: Count of terms**

|  |  |  |
| --- | --- | --- |
| **Vocabulary classification** | **Classes** | **Predicates** |
| (Existing) Moved from the core to the extension | 226 | 170 |
| (Existing) Moved from the extension to the core | 0 | 0 |
| (Existing) Ext\_related but maintained in the core : Diet |Recipe, Fitness | all | all |
| (Existing) Ext\_related but maintained in the core and deprecated | 1 | 0 |
| (Existing) Moved from the core to the extension and deprecated | 0 | 2 |
| (New)Created in extension | 0 | 0 |
| (New)Created in the core | 0 | 0 |
| Issues –To be discussed | \*1 | \*30 |
| **Total classes/predicates count (399)** | **227** | **172** |

**Overview of the vocabulary: List of terms**

|  |  |  |
| --- | --- | --- |
| **Vocabulary classification** | **Classes** | **Predicates** |
| (Existing) Moved from the core to the extension | Abdomen  ActiveNotRecruiting  AerobicActivity  AnaerobicActivity  AnatomicalStructure  AnatomicalSystem  Anesthesia  Appearance  ApprovedIndication  Artery  Ayurvedic  Bacteria  BloodTest  Bone  BrainStructure  Cardiovascular  CardiovascularExam  CaseSeries  Chiropractic  Clinician  CohortStudy  CommunityHealth  Completed  CrossSectional  CT  DDxElement  Dentist  Dentistry  Dermatologic  Diagnostic  DiagnosticLab  DiagnosticProcedure  DoseSchedule  DoubleBlindedTrial  Drug  DrugClass  DrugCost  DrugCostCategory  DrugLegalStatus  DrugPregnancyCategory  DrugPrescriptionStatus  DrugStrength  Ear  Emergency  Endocrine  EnrollingByInvitation  EvidenceLevelA  EvidenceLevelB  EvidenceLevelC  Eye  FDAcategoryA  FDAcategoryB  FDAcategoryC  FDAcategoryD  FDAcategoryX  FDAnotEvaluated  Flexibility  Fungus  Gastroenterologic  Genetic  Genitourinary  Geriatric  Gynecologic  Head  Hematologic  Homeopathic  Hospital  ImagingTest  Infectious  InfectiousAgentClass  InfectiousDisease  InternationalTrial  Joint  LaboratoryScience  LifestyleModification  Ligament  Longitudinal  Lung  LymphaticVessel  MaximumDoseSchedule  MedicalAudience  MedicalCause  MedicalClinic  MedicalCode  MedicalCondition  MedicalConditionStage  MedicalContraindication  MedicalDevice  MedicalDevicePurpose  MedicalEntity  MedicalEnumeration  MedicalEvidenceLevel  MedicalGuideline  MedicalGuidelineContraindication  MedicalGuidelineRecommendation  MedicalImagingTechnique  MedicalIndication  MedicalIntangible  MedicalObservationalStudy  MedicalObservationalStudyDesign  MedicalOrganization  MedicalProcedure  MedicalProcedureType  MedicalResearcher  MedicalRiskCalculator  MedicalRiskEstimator  MedicalRiskFactor  MedicalRiskScore  MedicalScholarlyArticle  MedicalSign  MedicalSignOrSymptom  MedicalSpecialty  MedicalSpecialty  MedicalSpecialty  MedicalStudy  MedicalStudyStatus  MedicalSymptom  MedicalTest  MedicalTestPanel  MedicalTherapy  MedicalTrial  MedicalTrialDesign  MedicalTrialDesign  MedicalTrialDesign  MedicalWebPage  MedicineSystem  Midwifery  MRI  MulticellularParasite  MultiCenterTrial  Muscle  Musculoskeletal  MusculoskeletalExam  Neck  Nerve  Neuro  Neurologic  NoninvasiveProcedure  Nose  NotYetRecruiting  Nursing  NutritionInformation  Observational  Obstetric  OccupationalActivity  OccupationalTherapy  Oncologic  OpenTrial  Optician  Optometic  Osteopathic  OTC  Otolaryngologic  PalliativeProcedure  Pathology  PathologyTest  PaymentStatusType  Pediatric  PercutaneousProcedure  PET  Pharmacy  PharmacySpecialty  PhysicalActivity  PhysicalActivityCategory  PhysicalExam  PhysicalTherapy  Physician  Physiotherapy  PlaceboControlledTrial  PlasticSurgery  Podiatric  PrescriptionOnly  PreventionIndication  PrimaryCare  Prion  Protozoa  Psychiatric  PsychologicalTreatment  PublicHealth  Pulmonary  RadiationTherapy  Radiograpy  RandomizedTrial  RecommendedDoseSchedule  Recruiting  Registry  ReimbursementCap  Renal  Report  ReportedDoseSchedule  RespiratoryTherapy  ResultsAvailable  ResultsNotAvailable  Retail  Rheumatologic  SingleBlindedTrial  SingleCenterTrial  Skin  SpeechPathology  StrengthTraining  SuperficialAnatomy  Surgical  SurgicalProcedure  Suspended  Terminated  Therapeutic  TherapeuticProcedure  Throat  Toxicologic  TraditionalChinese  TreatmentIndication  TripleBlindedTrial  Ultrasound  Urologic  Vein  Vessel  VeterinaryCare  Virus  VitalSign  WesternConventional  Wholesale  Withdrawn  XRay  Diet  DietarySupplement  DietNutrition | action  activeIngredient  additionalVariable  administrationRoute  adverseOutcome  affectedBy  alcoholWarning  algorithm  antagonist  applicableLocation  arterialBranch  associatedAnatomy  associatedPathophysiology  availableIn  availableService  availableStrength  availableTest  background  biomechnicalClass  birthPlace  bloodSupply  bodyLocation  breastfeedingWarning  cause  causeOf  clincalPharmacology  clinicalPharmacology  code  codeValue  codingSystem  comprisedOf  connectedTo  contraindication  cost  costCategory  costCurrency  costOrigin  costPerUnit  deathPlace  diagnosis  diagram  diet  dietFeatures  differentialDiagnosis  distinguishingSign  dosageForm  doseSchedule  doseUnit  doseValue  drainsTo  drug  drugClass  drugUnit  duplicateTherapy  endorsers  epidemiology  estimatesRiskOf  evidenceLevel  evidenceOrigin  exerciseRelatedDiet  expectedPrognosis  expertConsiderations  followup  foodWarning  frequency  function  functionalClass  guideline  guidelineDate  guidelineSubject  hospitalAffiliation  howPerformed  identifyingExam  identifyingTest  imagingTechnique  includedRiskFactor  increasesRiskOf  indication  infectiousAgent  infectiousAgentClass  insertion  interactingDrug  isAvailableGenerically  isProprietary  labelDetails  legalStatus  manufacturer  maximumIntake  mechanismOfAction  medicalSpecialty  medicineSystem  muscleAction  naturalProgression  nerve  nerveMotor  nonProprietaryName  normalRange  origin  originatesFrom  outcome  overdosage  overview  partOfSystem  pathophysiology  phase  physiologicalBenefits  population  possibleComplication  possibleTreatment  postOp  pregnancyCategory  pregnancyWarning  preOp  preparation  prescribingInfo  prescriptionStatus  primaryPrevention  procedure  procedureType  proprietaryName  publicationType  purpose  recognizingAuthority  recommendationStrength  recommendedIntake  regionDrained  relatedAnatomy  relatedCondition  relatedDrug  relatedStructure  relatedTherapy  relevantSpecialty  riskFactor  risks  runsTo  secondaryPrevention  sensoryUnit  seriousAdverseOutcome  signDetected  significance  signOrSymptom  source  sourcedFrom  sponsor  stage  stageAsNumber  status  strengthUnit  strengthValue  structuralClass  study  studyDesign  studyLocation  studySubject  subStageSuffix  subStructure  subTest  subtype  supplyTo  targetPopulation  tissueSample  totalTime  transmissionMethod  trialDesign  tributary  typicalTest  usedToDiagnose  usesDevice  warning  workload |
| (Existing) Moved from the extension to the core |  |  |
| (Existing) Ext\_related but maintained in the core |  |  |
| (Existing) Ext\_related but maintained in the core and deprecated | Balance |  |
| (Existing) Moved from the core to the extension and deprecated |  | aspect : Deprecated in next step  branch : Deprecated in next step |
| (New)Created in the core |  |  |
| Issues –To be discussed | Use of externally defined concepts (HL/, SNOMED, ICD, RexNorm) as domain/range without creating a schema.org internal class | algorithm: Decision taken \*\*  background: Decision taken \*\*  carrier : Not found  cost : Decision taken \*\*  dateTime : Decision taken \*\*  followup : Decision taken \*\*  frequency : Decision taken \*\*  function : Decision taken \*\*  instrument : Decision taken \*\*  intensity : Decision taken \*\*  interval : Decision taken \*\*  medicalTrial : Decision taken \*\*  origin : Decision taken \*\*  outcome : Decision taken \*\*  overview : Decision taken \*\*  phase : Decision taken \*\*  population : Decision taken \*\*  preparation : Decision taken \*\*  procedure :OK  purpose : Decision taken \*\*  risks :OK  significance :OK  source : Decision taken \*\*  specialty : Decision taken \*\*  stage : Decision taken \*\*  status :OK? --- : Decision taken \*\*  study : Decision taken \*\*  subtype : Decision taken \*\*  totalTime : Decision taken \*\*  tributary : Decision taken \*\*  workload : Decision taken \*\* |

Decision taken \*\* : Decided to keep them as they are and to extend them by specific sub-properties where needed (only use-case driven)