Astroid Patient Data Model

The following page describes the hierarchy of data used to manage patient data records within the Astroid planning environment.

Hierarchy

- Patient
  - Course [0,1,...,N]
    - Course data stuff here 🔧 **Fix Me!**
    - Intent [0,1,...,N]
      - Intent data stuff here 🔧 **Fix Me!**
      - Directive [0,1,...,N]
        - Clinical Goals
          - Clinical Goals data stuff here 🔧 **Fix Me!**
        - Phase
          - Prescription
            - Prescription data stuff here 🔧 **Fix Me!**
  - Conceptual Structure List [0,1,...,N]
  - Conceptual Point List [0,1,...,N]
  - Snapshot [0,1,...,N]
    - Imaging Data
    - Structure Data [0,1,...,N]
      - Active Variant
      - Variant List [0,1,...,N]
    - Request [0,1,...,N]
      - Plans [0,1,...,N]
        - Image Calibration
        - Points [0,1,...,N]
        - Structures [0,1,...,N]
        - Calculation Grid
        - Treatment Room
        - Beams [1,...,N]
          - Snout
          - Devices & Spot Options
          - DRRs
        - Fraction Groups [1,...,N]
          - Target
          - Constraint [0,1,...,N]
          - Target Dose Constraints [1,...,N]

- Target
- Constraint [0,1,...,N]
- Beamset [1,...,N]
    - Constraint [0,1,...,N]
    - Beam [1,...,N]
  - Constraints [0,1,...,N]
  - Objectives [0,1,...,N]
  - Dose Results

Descriptions

- Patient

  - Detailed description of the patient ⚠️ **Fix Me!**
- Course:

  - Detailed description of the course ⚠️ **Fix Me!**
- Intent:

  - Detailed description of the intent ⚠️ **Fix Me!**
- Directive:

  - Detailed description of the directive ⚠️ **Fix Me!**
- Snapshot:

  - Detailed description of the snapshot ⚠️ **Fix Me!**
- Request:

  - Detailed description of the request ⚠️ **Fix Me!**
- Plan:

  - Detailed description of the plan ⚠️ **Fix Me!**
- etc

  - ⚠️ **Fix Me!**