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
    - A person receiving medical treatment.
- Course:
    - A prescribed regimen to be followed for a specific period of time.
- Intent:
    - The purpose of the treatment.
- Directive:
    - The prescription for the course of treatment.
- Snapshot:
    - Overview of targets and organs at risk.
- Request:
    - The date of implementation of the number of fractions. Can be all fractions or a specific number of fractions.
- Plan:
    - All aspects of the patient planning take place here. Such as patient geometry, calcualtion grid, beams and optimization.

From:
https://apps.dotdecimal.com/ - **decimal App Documentation**

Permanent link:
https://apps.dotdecimal.com/doku.php?id=planning:instructions_for_use:instructions_for_use&rev=1464024586

Last update: **2021/07/29 18:22**