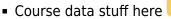# Astroid Patient Data Model

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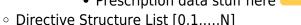
Hierarchy

- 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!
        - Directive Structure List [0,1,...,N]
        - Directive 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!**

- etc 🔧 **Fix Me!**