





# 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 
      - Intent [0,1,...,N]
        - Intent data stuff here 
        - Directive [0,1,...,N]
          - Clinical Goals
            - Clinical Goals data stuff here 
          - Phase
            - Prescription
              - Prescription data stuff here 
- 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 
- Course:
  - Detailed description of the course 
- Intent:
  - Detailed description of the intent 
- Directive:
  - Detailed description of the directive 
- Snapshot:
  - Detailed description of the snapshot 
- Request:
  - Detailed description of the request 
- Plan:
  - Detailed description of the plan 
- etc
  - 

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