## **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]



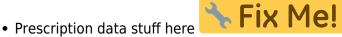


- Intent [0,1,...,N]

  - Directive [0,1,...,N]
    - Clinical Goals



- Clinical Goals data stuff here
- Phase
  - Prescription



- 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

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