



DVH Analytics

Challenges

- Database integrity
 - No duplicate data
 - Boosts? Replans?

• Contour name variation

- Data transcription errors

- Connecting patient data not stored in DICOM files
 - Toxicities
 - Surgical status
 - Chemo

- Using data without context can be counter-productive

- Contour delineation
 - Anatomical or Planning?
 - Partial delineations
 - Expertise of planner/resident/physician

- Planning data only
 - can't account for delivery or patient set-up errors











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