

# Accuray Precision™ Plan Overview

|                      |                   |                     |                           |
|----------------------|-------------------|---------------------|---------------------------|
| <b>Patient Name:</b> | CHRISTINE CARRARO | <b>Plan Name:</b>   | ParoiGgg                  |
| <b>Medical ID:</b>   | 202007287         | <b>Plan Status:</b> | Approved                  |
|                      |                   | <b>Version:</b>     | Accuray Precision 2.0.0.1 |

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Chapter 1: Overview

Patient Details

|              |           |                |             |
|--------------|-----------|----------------|-------------|
| Medical ID:  | 202007287 | Gender:        | Female      |
| Last Name:   | CARRARO   | Date Of Birth: | 19 Mar 1963 |
| First Name:  | CHRISTINE |                |             |
| Patient Key: | 407800    |                |             |

Plan Summary

|                             |              |                               |                               |
|-----------------------------|--------------|-------------------------------|-------------------------------|
| Plan Name:                  | ParoiGgg     | Plan Type:                    | Standard                      |
| Plan Status:                | Approved     | Last Treatment Date:          |                               |
| Reference Dose (Gy):        | 59.23        | Prescription:                 | Median of PTV paroi, 50.00 Gy |
| Planned MU:                 | 176604.2     | Treatment Site:               | IUC-TOULOUSE                  |
| No. of Planned Fractions:   | 25           | Treatment Site ICD:           | IUC-TOULOUSE                  |
| No. of Delivered Fractions: | 0            | Additional Site Codes:        | IUC-TOULOUSE                  |
| Additional Sites:           | IUC-TOULOUSE | Red Lasers Offset (IECf, mm): | X: -61.34 Y: -43.34 Z: -51.43 |
| Sinogram Segments:          | 5.7          | Beam On Time (sec):           | 408.3                         |
| Gantry Period (sec):        | 23.8         | Couch Travel (mm):            | 248.6                         |
| Gantry Rotations:           | 17.1         | Couch Speed (mm/sec):         | 0.6                           |

Specialists

|                       |                      |
|-----------------------|----------------------|
| Radiation Oncologist: | Referring Physician: |
| Surgeon:              | Physicist:           |

|                |                     |           |
|----------------|---------------------|-----------|
| Physician Name | Physician Signature | Date/Time |
| Physicist Name | Physicist Signature | Date/Time |

Chapter 2: Imaging

Imaging Series

Primary Series:

Modality:

Scan Date:

Yes

CT

21 May 2021, 01:46:06 PM (hr:min:sec)

Scanner Model:

Patient Position:

Number of Slices:

Optima CT580

HFS

202

| Series UID/Description                               | Study UID/Description:                               |
|--|--|
| 1.2.840.113619.2.278.3.3523880722.508.1621572651.436 | 1.2.840.113619.2.278.3.3523880722.508.1621572651.431 |
| paroi ghe  | TDM therapie SPC                                     |

|                    | X        | Y        | Z       |
|--------------------|----------|----------|---------|
| Origin (IECp, mm)  | -325.000 | -205.000 | 325.000 |
| Size (IECp, voxel) | 512      | 202      | 512     |
| Spacing (IECp, mm) | 1.27     | 2.50     | 1.27    |

## Chapter 3: Plan

### Plan Overview

|                            |                                      |                              |                      |
|----------------------------|--------------------------------------|------------------------------|----------------------|
| <b>Plan Name:</b>          | ParoiGgg                             | <b>Plan Key:</b>             | 414540/2             |
| <b>Plan Type:</b>          | Standard                             | <b>Last Modified by:</b>     | Eliane Graulieres    |
| <b>Created in Version:</b> | Accuray Precision 2.0.0.1 [4]        | <b>Saved Deliverable by:</b> | Christelle LANASPEZE |
| <b>Plan Saved Date:</b>    | 09 Jun 2021, 4:37:47 PM (hr:min:sec) |                              |                      |

### Treatment Parameters

|                                      |                                    |                                    |              |
|--------------------------------------|------------------------------------|------------------------------------|--------------|
| <b>Treatment Machine:</b>            | 4010012_1000MU 1180 MU/min, rev 19 | <b>Patient Position:</b>           | HFS          |
| <b>Treatment Machine Serial No.:</b> | 4010012                            | <b>Field Width (cm):</b>           | 5.0, Dynamic |
| <b>Planned Fractions:</b>            | 25                                 | <b>Pitch:</b>                      | 0.287        |
| <b>Plan Delivery Type (Mode):</b>    | Helical (IMRT)                     | <b>Modulation Factor (Actual):</b> | 3.500 (2.0)  |
| <b>Gantry Period (sec):</b>          | 23.8                               | <b>Beam On Time (sec):</b>         | 408.3        |
| <b>Gantry Rotations:</b>             | 17.1                               | <b>Couch Travel (mm):</b>          | 248.6        |
|                                      |                                    | <b>Couch Speed (mm/sec):</b>       | 0.6          |

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**Prescription Details**

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**Prescription:** Median of PTV paroi, 50.00 Gy**Maximum Dose (Gy):** 59.23**Prescribed Dose per Fraction (Gy):** 2.00**MU per Fraction:** 7064.2**Dose Calculation Algorithm:** Convolution-Superposition**Dose Calculation Resolution (Type):** High (Final)**Auto Generated Results:**

Not Applicable

**Reference Point (IECp, mm):** X: 67.3 Y: 157.5 Z: 57.1**Reference Dose (Gy):** 59.23**Delivery Signature:** gnQC7 XaYYA

## Dose Calculation Grid

|                    | X        | Y        | Z       |
|--------------------|----------|----------|---------|
| Origin (IECp, mm)  | -325.000 | -205.000 | 325.000 |
| Size (IECp, voxel) | 512      | 202      | 512     |
| Spacing (IECp, mm) | 1.27     | 2.50     | 1.27    |

## Density

### Density Model: IUC-120kV

| HU    | Relative Electron Density | Mass Density (g/cm <sup>3</sup> ) |
|-------|---------------------------|-----------------------------------|
| -939  | *                         | 0.001                             |
| -672  | *                         | 0.290                             |
| -509  | *                         | 0.480                             |
| 13    | *                         | 1.000                             |
| 226   | *                         | 1.146                             |
| 455   | *                         | 1.331                             |
| 837   | *                         | 1.558                             |
| 1214  | *                         | 1.822                             |
| 30884 | *                         | 22.599                            |

### Density Overrides

| Priority | VOI Name | Relative Electron Density | Mass Density (g/cm <sup>3</sup> ) |
|----------|----------|---------------------------|-----------------------------------|
|----------|----------|---------------------------|-----------------------------------|

Note: Density overrides are listed in priority order with the highest priority listed first. In regions where two VOIs overlap, the higher priority density override has been used.

## VOI

## VOI List

| VOI              | Volume (cm³) | Min (Gy) | Mean (Gy) | Max (Gy) | CI     | nCI    | HI   | Coverage % | Beam Inter. |
|------------------|--------------|----------|-----------|----------|--------|--------|------|------------|-------------|
| BODY             | 58892.14     | 0.03     | 6.43      | 59.23    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| Canal med        | 61.35        | 0.31     | 3.13      | 10.31    | n/a    | n/a    | n/a  | n/a        | Exit Only   |
| Coeur            | 824.74       | 1.56     | 7.90      | 46.40    | n/a    | n/a    | n/a  | n/a        | Exit Only   |
| CTV axillaire    | 256.86       | 47.12    | 50.31     | 59.23    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| CTV cmi          | 25.41        | 42.81    | 49.93     | 53.80    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| CTV paroi        | 1484.94      | 29.41    | 49.62     | 54.33    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| CTV sous clav    | 125.07       | 45.62    | 50.56     | 58.87    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| CTV sus clav     | 55.49        | 46.91    | 50.28     | 53.94    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| Foie             | 3618.37      | 0.11     | 0.96      | 17.23    | n/a    | n/a    | n/a  | n/a        | Exit Only   |
| Larynx           | 28.79        | 1.39     | 2.78      | 11.40    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| Oesophage        | 18.64        | 2.23     | 12.59     | 34.21    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| PoumonDt         | 1162.55      | 0.47     | 3.93      | 18.51    | n/a    | n/a    | n/a  | n/a        | Exit Only   |
| PoumonGche       | 917.65       | 0.92     | 10.16     | 52.92    | n/a    | n/a    | n/a  | n/a        | Exit Only   |
| Poumons          | 2080.19      | 0.47     | 6.68      | 52.92    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| PTV Axillaire    | 426.33       | 39.58    | 49.94     | 59.23    | 5.85   | 12.89  | 1.18 | 45.36      | n/a         |
| PTV boost        | 7.60         | 53.83    | 57.16     | 59.23    | 148.78 | 148.78 | 1.18 | 100.00     | n/a         |
| PTV cmi          | 58.30        | 36.54    | 49.55     | 54.53    | 42.79  | 94.37  | 1.09 | 45.34      | n/a         |
| PTV paroi        | 1773.27      | 33.17    | 49.74     | 54.35    | 1.40   | 3.08   | 1.09 | 45.54      | n/a         |
| PTV sous clav    | 234.45       | 43.31    | 50.13     | 58.87    | 9.59   | 19.07  | 1.18 | 50.30      | n/a         |
| PTV sus clav     | 119.90       | 35.46    | 49.81     | 53.94    | 19.20  | 39.05  | 1.08 | 49.15      | n/a         |
| Sein contro      | 2030.27      | 1.61     | 4.36      | 18.49    | n/a    | n/a    | n/a  | n/a        | Exit Only   |
| TetehumeraleGche | 56.05        | 1.91     | 8.09      | 34.47    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| Thyroide         | 29.93        | 2.58     | 24.00     | 52.47    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| Trachee          | 19.09        | 6.05     | 18.50     | 36.52    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| GTV              | 0.83         | 57.02    | 58.16     | 59.16    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| Plexus Brachial  | 20.55        | 29.47    | 50.22     | 53.35    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| BrachialPlexus+5 | 72.78        | 16.10    | 49.28     | 55.62    | n/a    | n/a    | n/a  | n/a        | Allowed     |
| BLOC             | 553.97       | 0.82     | 1.75      | 3.07     | n/a    | n/a    | n/a  | n/a        | Exit Only   |

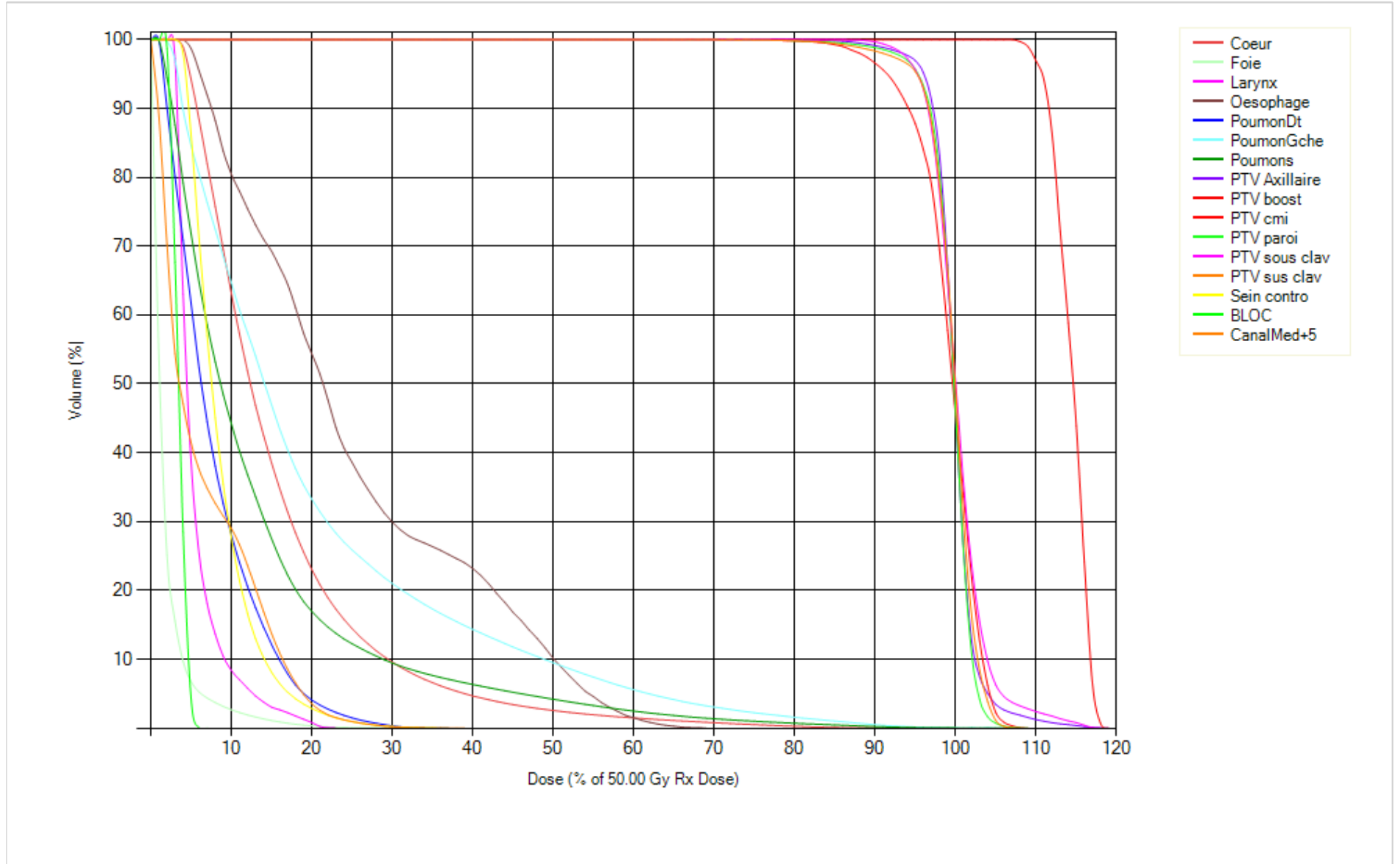
|                      |         |       |       |       |      |       |      |       |           |
|----------------------|---------|-------|-------|-------|------|-------|------|-------|-----------|
| CanalMed+5           | 201.65  | 0.29  | 3.32  | 19.16 | n/a  | n/a   | n/a  | n/a   | Exit Only |
| PTVTOTAL             | 2404.01 | 32.73 | 49.79 | 59.23 | n/a  | n/a   | n/a  | n/a   | Allowed   |
| RingPTVgg            | 615.27  | 10.73 | 41.02 | 55.04 | n/a  | n/a   | n/a  | n/a   | Allowed   |
| RingPTVParoi         | 1165.25 | 11.24 | 35.16 | 55.04 | n/a  | n/a   | n/a  | n/a   | Allowed   |
| MANQUE               | 549.35  | 34.68 | 49.58 | 54.33 | 4.77 | 11.07 | 1.09 | 43.13 | n/a       |
| All Target Regions   | n/a     | 33.17 | 49.79 | 59.23 | 1.03 | 2.26  | 1.18 | 45.66 | n/a       |
| All Critical Regions | n/a     | 0.11  | 15.96 | 59.23 | 0.00 | 0.00  | 0.00 | 0.00  | n/a       |
| Soft Tissue          | n/a     | 0.03  | 3.75  | 52.80 | 0.00 | 0.00  | 0.00 | 0.00  | n/a       |

**Dx Vx Values**

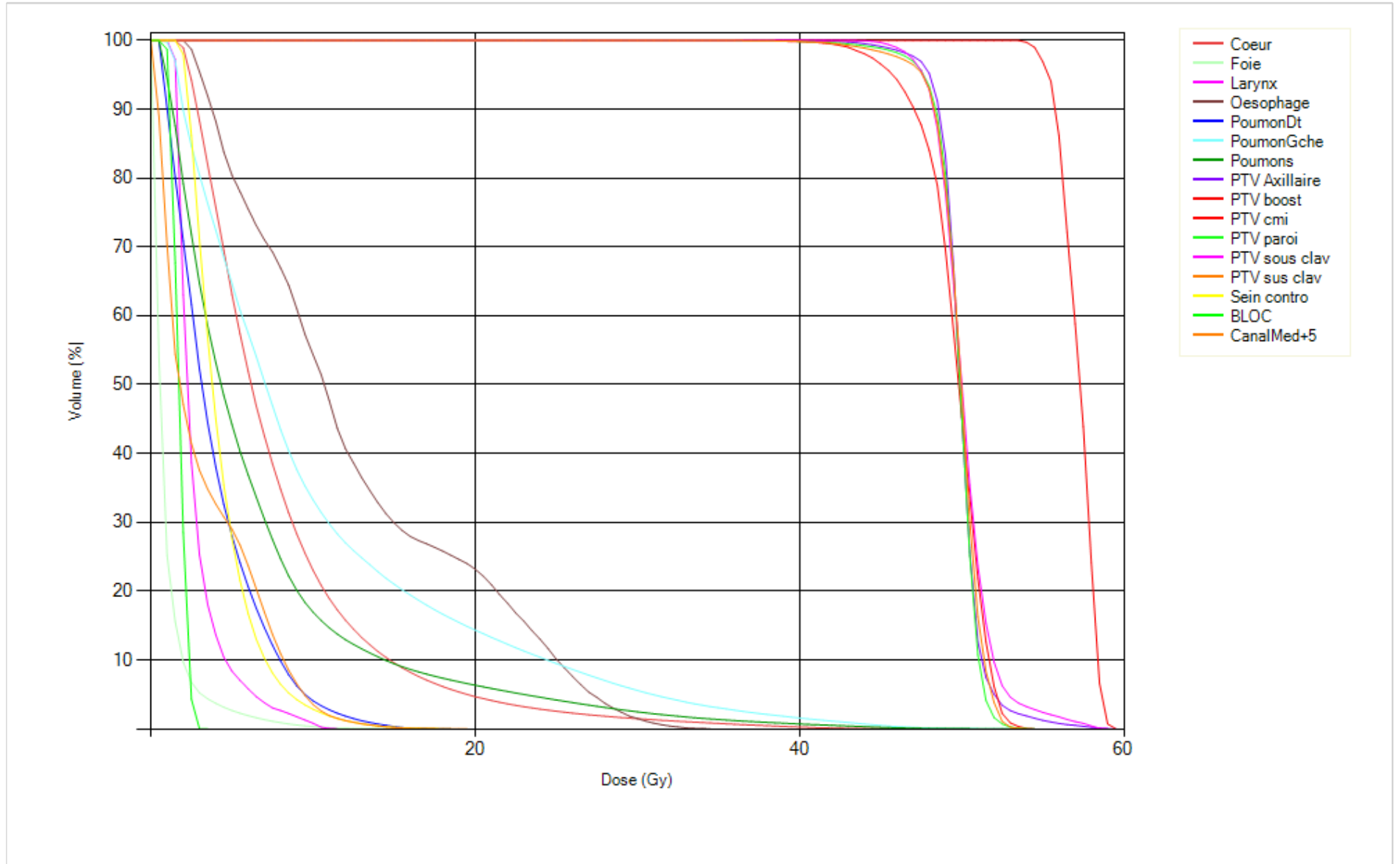
| DVH           | Dose (Gy)    | Dose (% of 50.00 Gy Rx Dose) | Volume (cm³) | Volume (%)  |
|---------------|--------------|------------------------------|--------------|-------------|
| Canal med     | <b>10.00</b> | 20.0                         | 0.04         | 0.1         |
| Coeur         | <b>15.00</b> | 30.0                         | 78.92        | 9.6         |
| Coeur         | <b>25.00</b> | 50.0                         | 20.97        | 2.5         |
| PoumonDt      | <b>5.00</b>  | 10.0                         | 325.90       | 28.0        |
| PoumonGche    | <b>5.00</b>  | 10.0                         | 593.50       | 64.7        |
| PoumonGche    | <b>20.00</b> | 40.0                         | 131.45       | 14.3        |
| Poumons       | <b>5.00</b>  | 10.0                         | 919.36       | 44.2        |
| Poumons       | <b>20.00</b> | 40.0                         | 131.44       | 6.3         |
| Sein contro   | <b>5.00</b>  | 10.0                         | 561.15       | 27.6        |
| PTV paroi     | 47.68        | 95.4                         | 1684.60      | <b>95.0</b> |
| PTV sus clav  | 47.60        | 95.2                         | 113.91       | <b>95.0</b> |
| PTV sous clav | 47.64        | 95.3                         | 222.73       | <b>95.0</b> |
| PTV Axillaire | 48.04        | 96.1                         | 405.02       | <b>95.0</b> |
| PTV cmi       | 45.75        | 91.5                         | 55.39        | <b>95.0</b> |
| PTV boost     | 55.38        | 110.8                        | 7.22         | <b>95.0</b> |



## DVH: Relative Dose

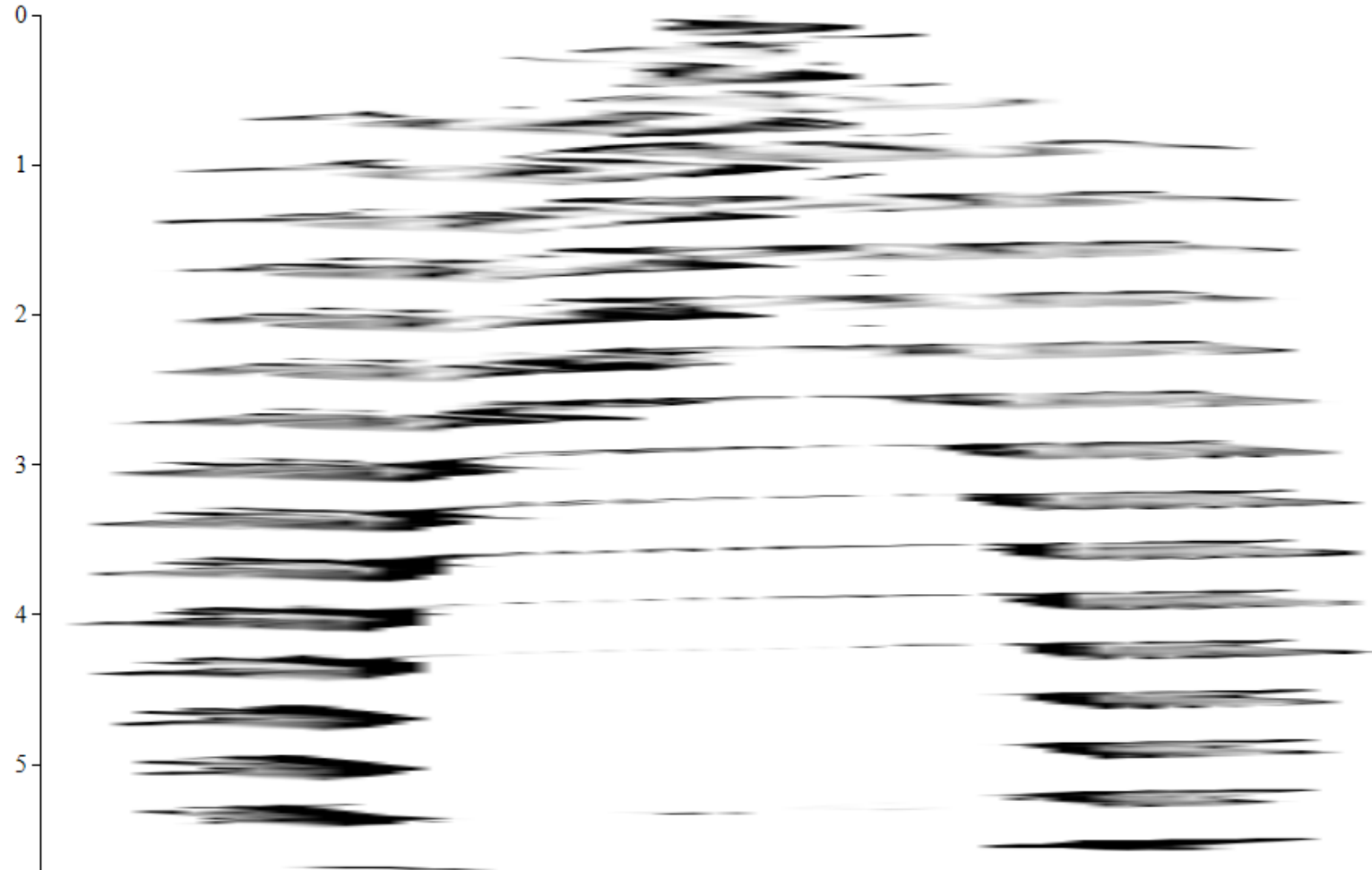


## DVH: Absolute Dose



## Planned Fluence Sinogram

Sinogram Segments



## Chapter 4: Approval

### Details

|   |                                      |
|---|--------------------------------------|
| <b>Approval Date:</b>   | 09 Jun 2021, 4:36:28 PM (hr:min:sec) |
|  <b>Approved by:</b> |                                      |
| <b>First Name:</b>  | Justine                              |
| <b>Last Name:</b>   | ATTAL                                |
| <b>Middle Name:</b>   |                                      |
| <b>User ID:</b>   | attal_j                              |

## Chapter 6: Images

### Report Snapshots

