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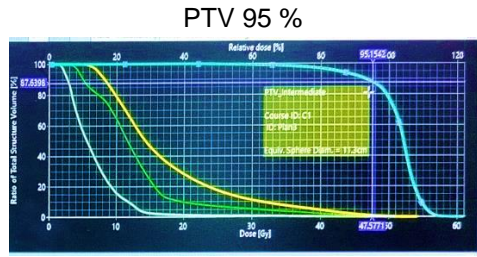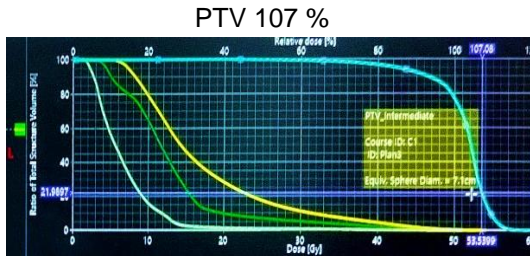
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Lampiran 1. Kurva DVH hasil *Treatmen planning system* PTV 95% dan 107%

Pasien YN

PTV 107 %　　　　　　　　　　　　PTV 95 %

Pasien ST

PTV 107%　　　　　　　　　　　　PTV 95%

Pasien MS

PTV 107%　　　　　　　　　　　　PTV 95%
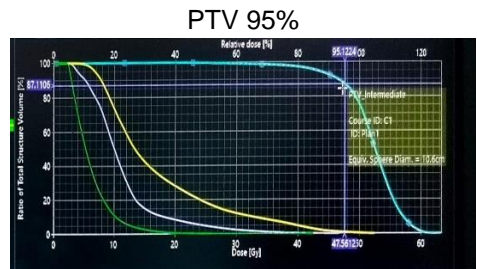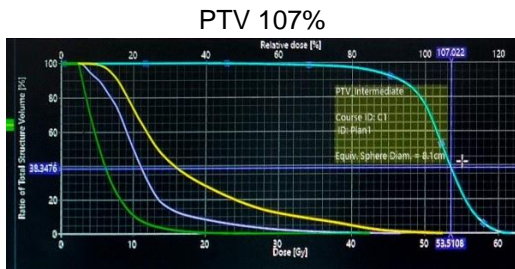
Pasien SU

PTV 107%　　　　　　　　　　　　PTV 95%

Pasien FL

PTV 107%　　　　　　　　　　　　PTV 95%

Pasien AVS

PTV 107%   PTV 95%

Pasien SR
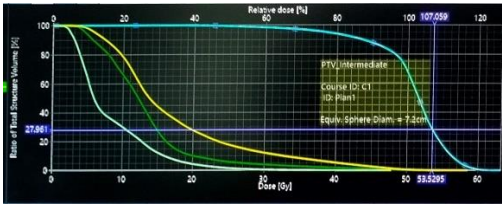
PTV 107%   PTV 95%
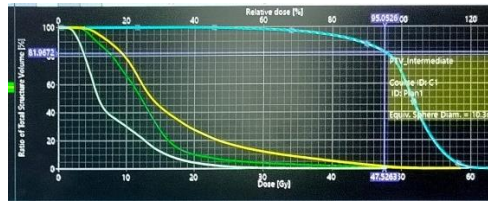
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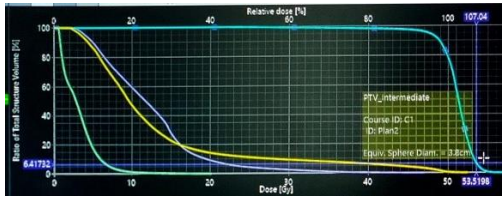
PTV 107%   PTV95%
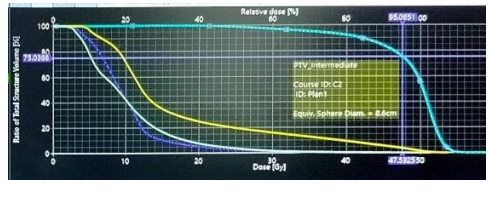
Pasien KY
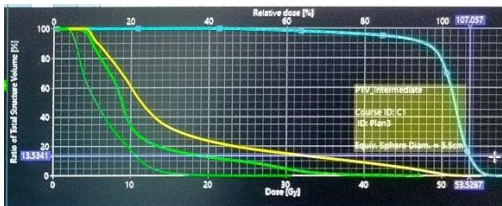
PTV 107%   PTV 95%
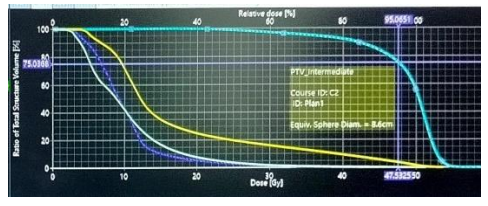
Pasien MH
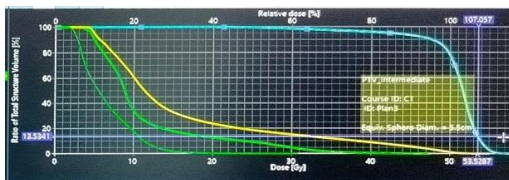
PTV 107%   PTV 95%
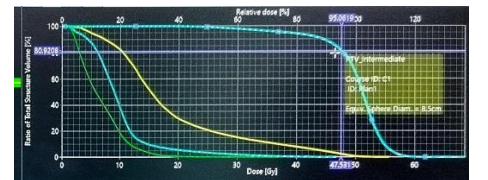
Lampiran 2. Kurva Hasil DVH OAR Jantung dengan nilai V25 < 10%

Pasien YN
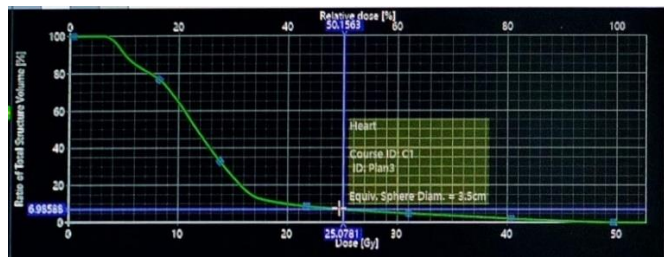
Pasien ST
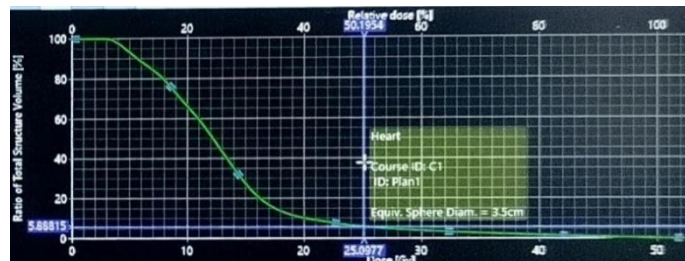
Pasien FL
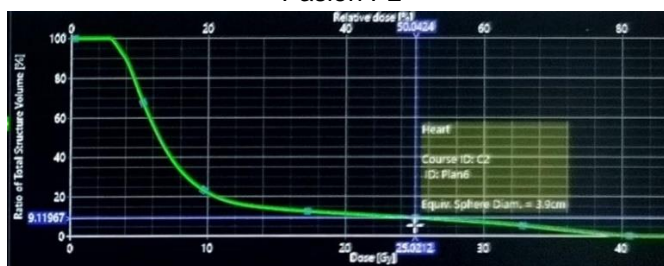
Pasien ER
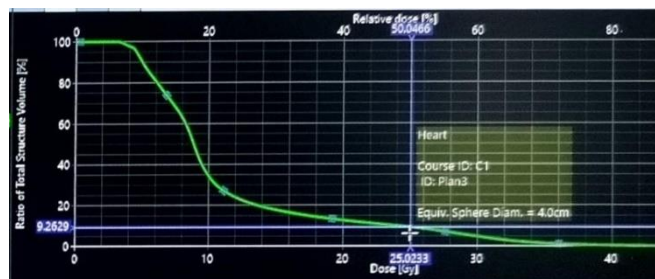
Pasien SU
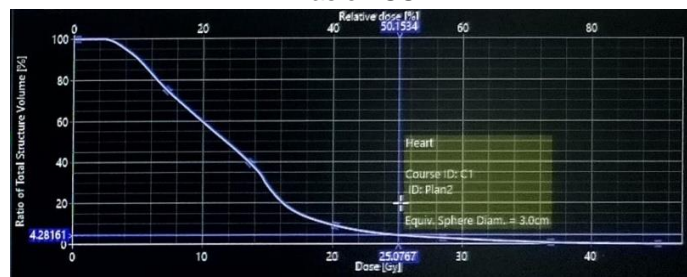
MS
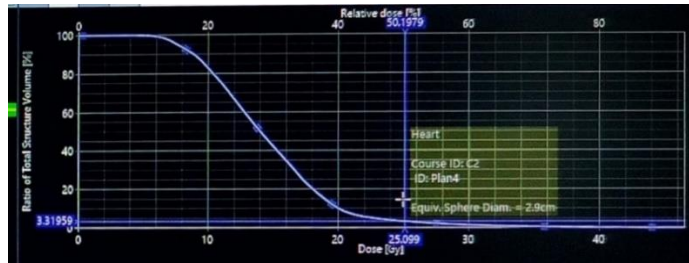
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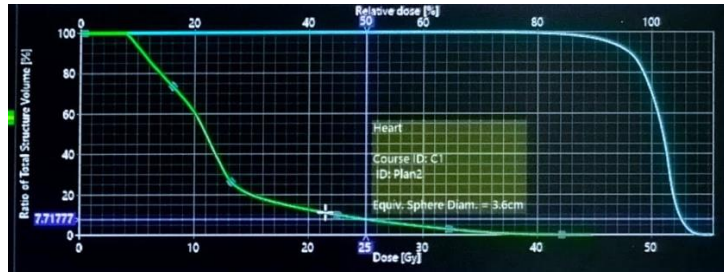
Pasien AVS
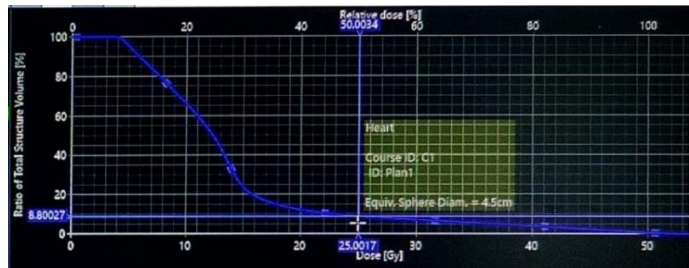
Pasien KY

Pasien MH
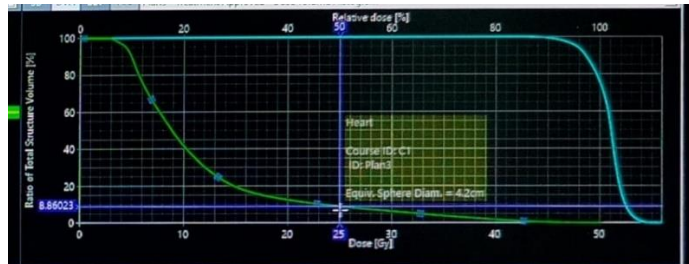
Lampiran 3. Kurva DVH dan Volume total untuk Perhitungan Nilai CI

Pasien YN

VPTV

PTV 95 %

Pasien ST

VPTV

PTV 95%

Pasien MS

VPTV

PTV 95%

Pasien SU

VPTV

PTV 95%

Pasien FL

VPTV

PTV 95%

Pasien AVS

VPTV

Volume [cm³]
514.5
998.6
22506.3
11.8
551.0
653.5

PTV 95%
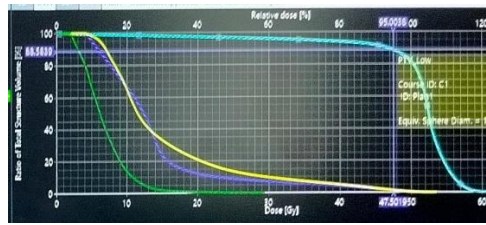
Pasien SR

VPTV

Volume [cm³]
347.7
694.2
16829.5
379.5
1124.5
1450.9

PTV 95%
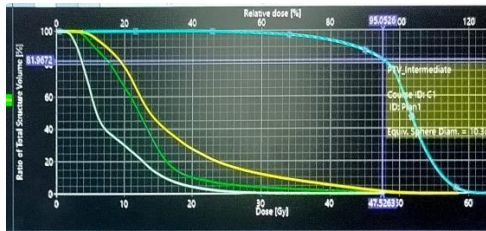
Pasien KY

VPTV

Volume [cm³]
436.6
252.4
13246.7

PTV95%
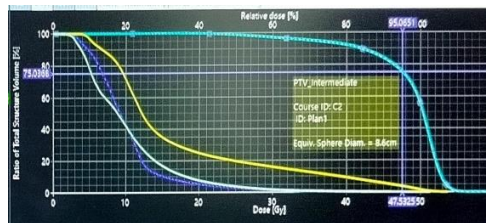
Pasien ABH

VPTV

Volume [cm³]
682.9
20201.9
324.7
849.6

PTV 95%
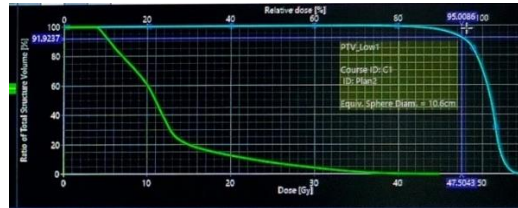
Pasien MH

VPTV

Volume [cm³]
818.9
27595.0
449.9
845.6
1171.6
58.7

PTV 95%
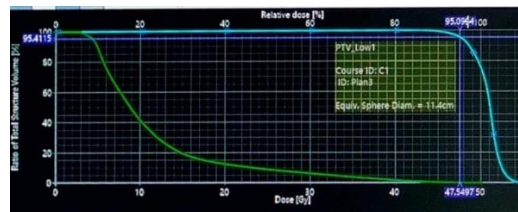
Lampiran 4. Kurva DVH Hasil *Treatmen Planning System* Untuk Hitung HI

Pasien YN

D2% D98%

D50%

Pasien ST

D2% D98%

D50%

Pasien FL

D2% D98%

D50%

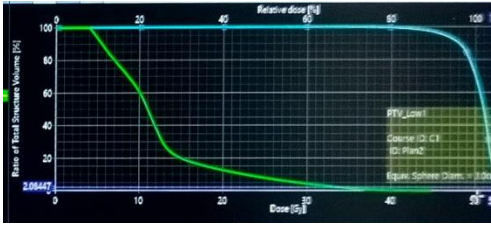Pasien ER

D2%

D50%

D50%

Pasien SU

D2%

D98%

D50%

Pasien MS

D2%

D98%
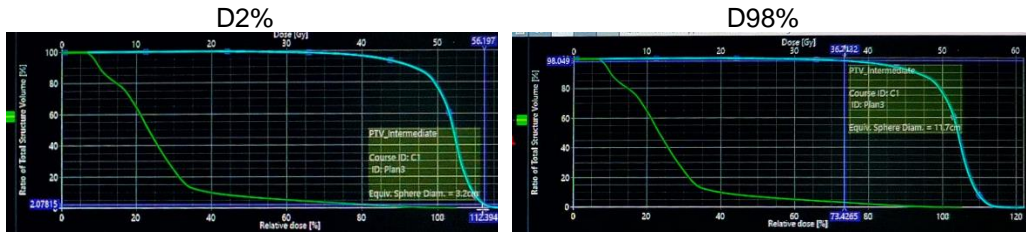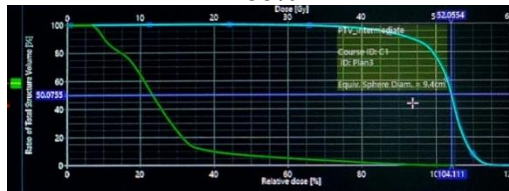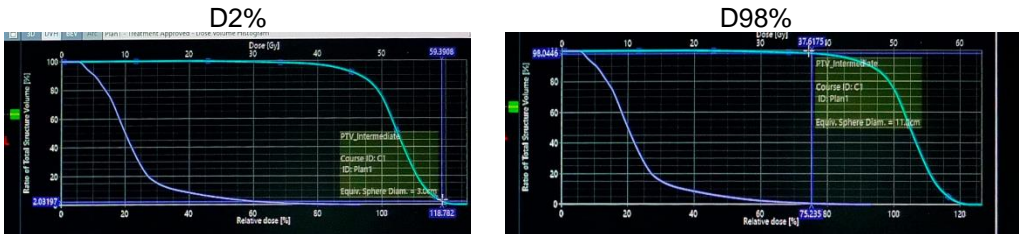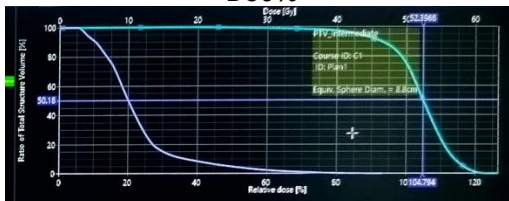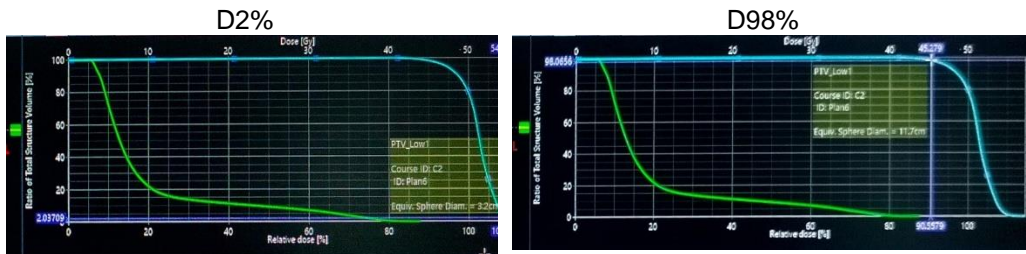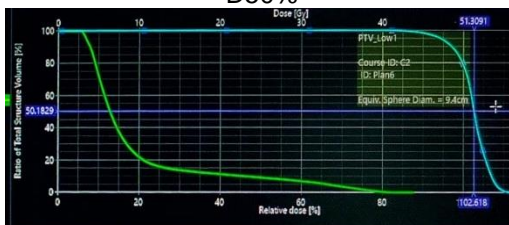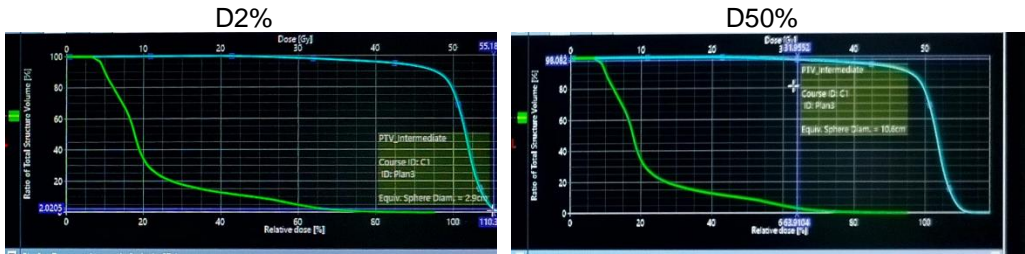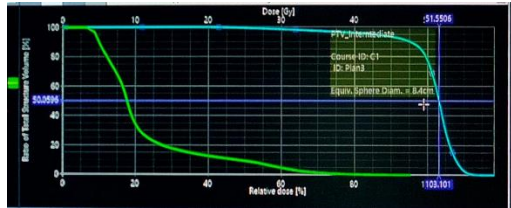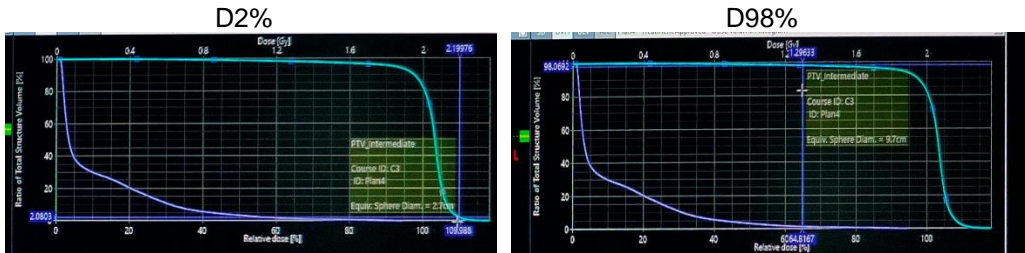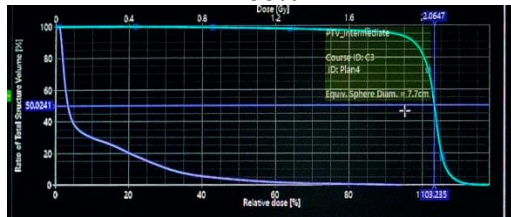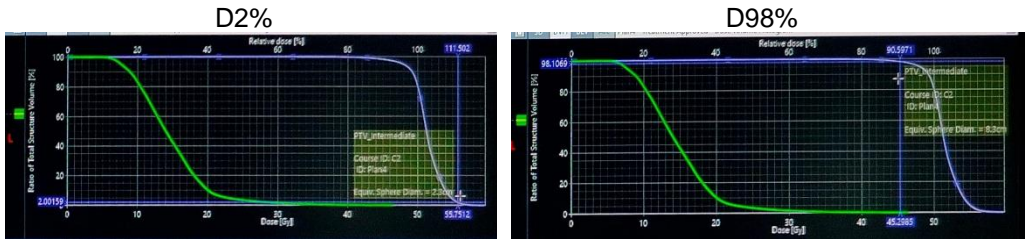
D50%
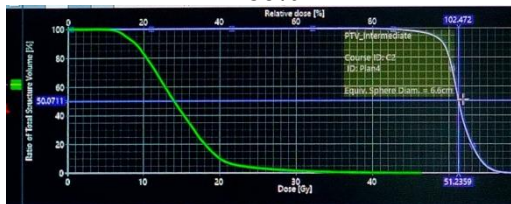
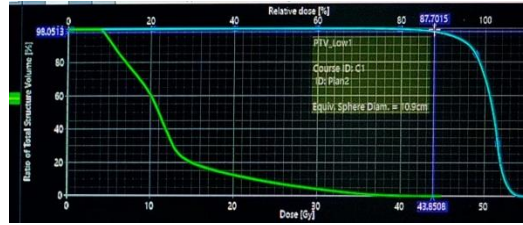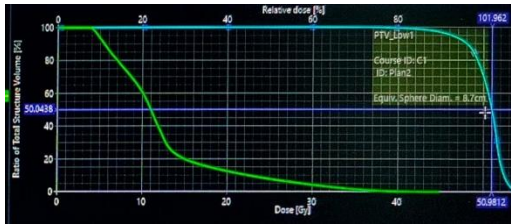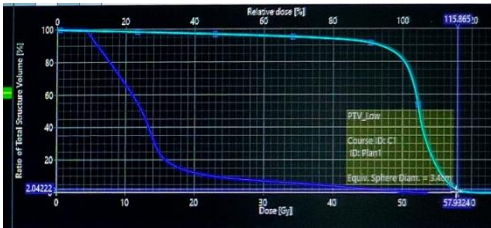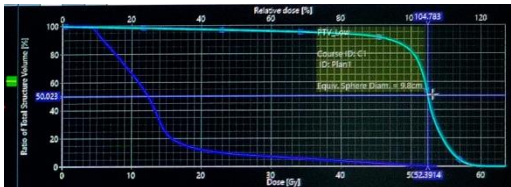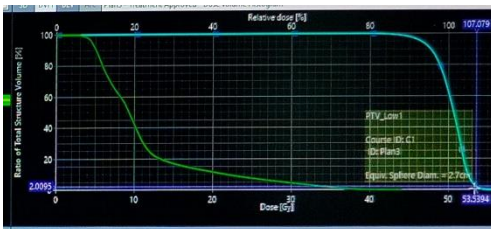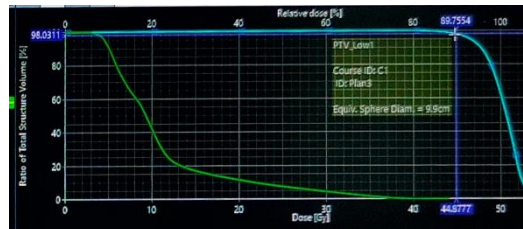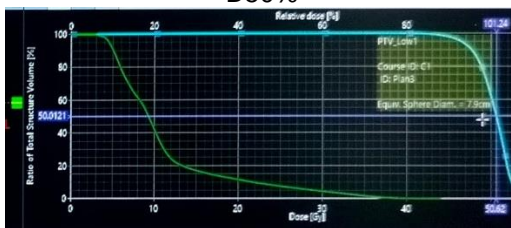

Pasien ABH

D2%

D98%

D50%

Pasien AVS
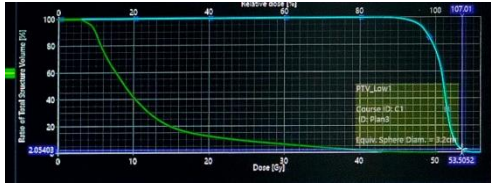
D2%

D98%

D50%

Pasien KY

D2%

D98%

D50%
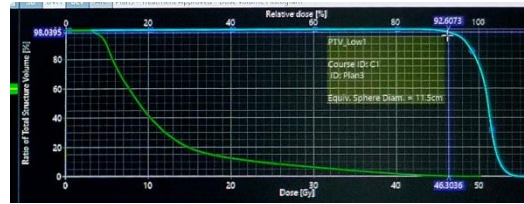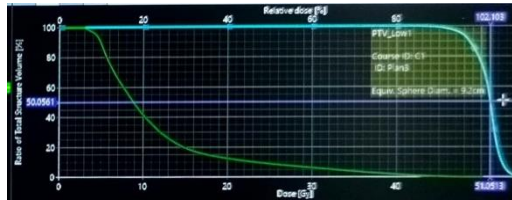

Pasien MH

30

D2%

D98%

D50%

Lampiran 5. Pehitungan *Conformity Index* (CI) dan *Homogeneity Index* (HI)

1. Perhitungan *Conformity Index* (CI)

$$CI = \frac{V_{95}}{V_{PTV}}$$

- Pasien YN
  $CI = \frac{87,63\% \times 856,4}{856,4}$
  CI = 0,8764
- Pasien ST
  $CI = \frac{87.11\% \times 716,8}{716,8}$
  CI = 0,8671
- Pasien FL
  $CI = \frac{93,87\% \times 865}{865}$
  CI = 0,9388
- Pasien ER
  $CI = \frac{90,06\% \times 629,8}{629,8}$
  CI = 0,9006
- Pasien SU
  $CI = \frac{95,06\% \times 444,6}{444,6}$
  CI = 0,9575
- Pasien MS
  $CI = \frac{95,75\% \times 300,2}{300,2}$
  CI = 0,9506
- Pasien ABH
  $CI = \frac{91,75\% \times 682,9}{682,9}$
  CI = 0,8197
- Pasien AVS
  $CI = \frac{88,58\% \times 998,6}{998,6}$
  CI = 0,8858
- Pasien KY
  $CI = \frac{90.92\% \times 516}{516}$
  CI = 0,9093
- Pasien MH
  $CI = \frac{95,41\% \times 818}{818}$
  CI = 0,9541

2. Perhitungan *Homogeneity Index* (HI)

$$HI = \frac{D2\% - D98\%}{D50\%}$$

- Pasien YN

    $HI = \frac{112,394 - 73,427}{104,11}$

    HI = 0,3743

- Pasien ST

    $HI = \frac{118,782 - 75,235}{104,79}$

    HI = 0,4155

- Pasien FL

    $HI = \frac{109,198 - 90,558}{102,62}$

    HI = 0,1816

- Pasien ER

    $HI = \frac{110,366 - 63,9104}{103,10}$

    HI = 0,4506

- Pasien SU

    $HI = \frac{109,988 - 64,8167}{103,235}$

    HI = 0,4376

- Pasien MS

    $HI = \frac{55,7512 - 45,2985}{51,2359}$

    HI = 0,204

- Pasien ABH

    $HI = \frac{53,9324 - 43,8508}{50,9812}$

    HI = 0,187

- Pasien AVS

    $HI = \frac{57,9324 - 14,5438}{52,3914}$

    HI = 0,8282

- Pasien KY

    $HI = \frac{53,5394 - 44,8777}{50,62}$

    HI = 0,1711

- Pasien MH

    $HI = \frac{53,5052 - 46,3036}{51,0513}$

    HI = 0,1411