N. M. Patient Summary
Patient Study Based on Lesion Graph

Lesion Count According to Classification

Time Layer	complex	disappeared	lone	merged	new	persistent	split
0	0	0	1	0	6	0	0
1	0	1	0	0	0	5	0
2	0	0	30	0	0	5	0

Tracking the Changes in the Total Volume of the Tumors From One Scan to the Previous One

Time Stamp	Total Volume [cm³]	Volume Difference Percentage	Volume Difference [cm³]
0	4.62	-	-
1	1.48	-68%	-3.14
2	25.78	+1643%	+24.3

Individual Lesion Changes

New Lesions

Lesions 1, 2, 3, 4, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 20, 21, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, 34, 35 appeared for the first time in the last scan.
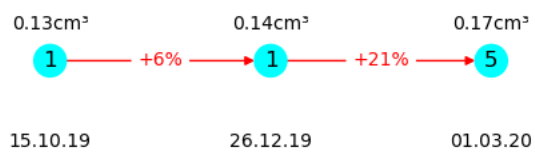
Disappeared Lesions

Over time, 2 lesions disappeared.
1 lesion was last identified in 15.10.19.
1 lesion was last identified in 26.12.19.
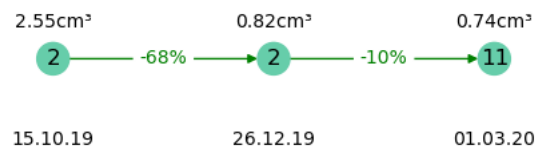
Lesions Appearing in Multiple Scans

• The History of Lesion 5

0.13cm³		0.14cm³		0.17cm³
1	+6% →	1	+21% →	5
15.10.19		26.12.19		01.03.20

Lesion volume has decreased by 305% from previous scan to current scan. Volume monotonically decreased over time by 74% from first scan to last scan.

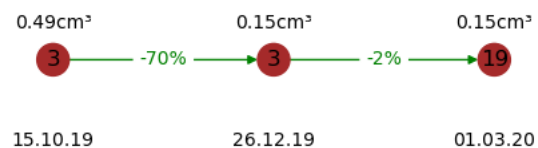Classification of connected component: linear.

• The History of Lesion 11

2.55cm³   0.82cm³   0.74cm³

(2) —— -68% ——→ (2) —— -10% ——→ (11)

15.10.19   26.12.19   01.03.20

No volume data available for the lesion from previous scan. Volume monotonically increased over time by 0% from first scan to last scan.

Classification of connected component: linear.

• **The History of Lesion 19**

0.49cm³   0.15cm³   0.15cm³

(3) —— -70% ——→ (3) —— -2% ——→ (19)

15.10.19   26.12.19   01.03.20

No volume data available for the lesion from previous scan. Volume monotonically increased over time by 0% from first scan to last scan.
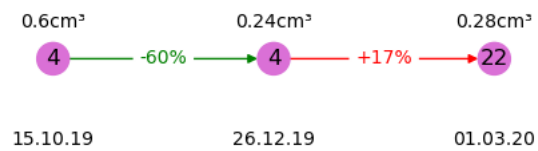
Classification of connected component: linear.

• **The History of Lesion 22**

0.6cm³   0.24cm³   0.28cm³

(4) — -60% → (4) — +17% → (22)

15.10.19   26.12.19   01.03.20

No volume data available for the lesion from previous scan. Volume monotonically increased over time by 0% from first scan to last scan.
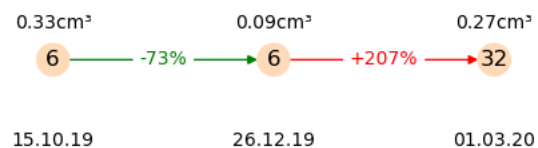
Classification of connected component: linear.

• **The History of Lesion 32**

0.33cm³   0.09cm³   0.27cm³

(6) — -73% → (6) — +207% → (32)

15.10.19   26.12.19   01.03.20

No volume data available for the lesion from previous scan. Volume monotonically increased over time by 0% from first scan to last scan.

Classification of connected component: linear.