E_N_ 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	0	0	6	0	0
1	0	2	5	0	5	4	0
2	0	0	1	1	9	7	0
3	0	0	2	3	0	9	0

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

Time Stamp	Total Volume [cc]	Volume Difference Percentage	Volume Difference [cc]
0	581.66	-	-
1	500.91	-14%	-80.75
2	592.55	+18%	+91.64
3	440.75	-26%	-151.79

Individual Lesion Changes

New Lesions
Lesions 1, 9 appeared for the first time in the last scan.
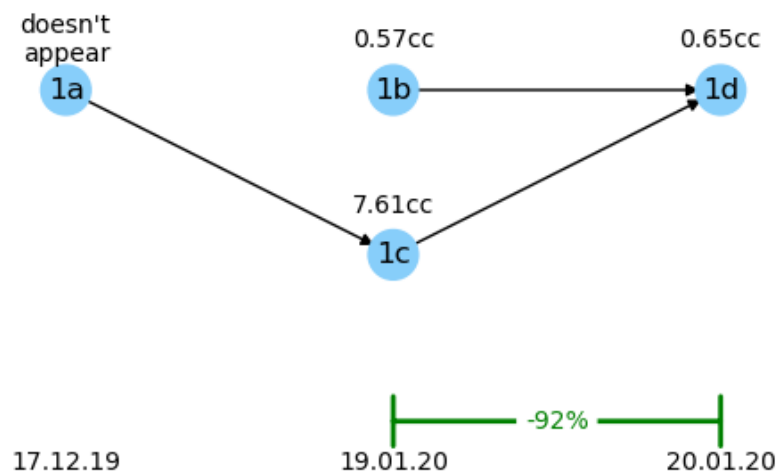
Disappeared Lesions
Over time, 2 lesions disappeared.
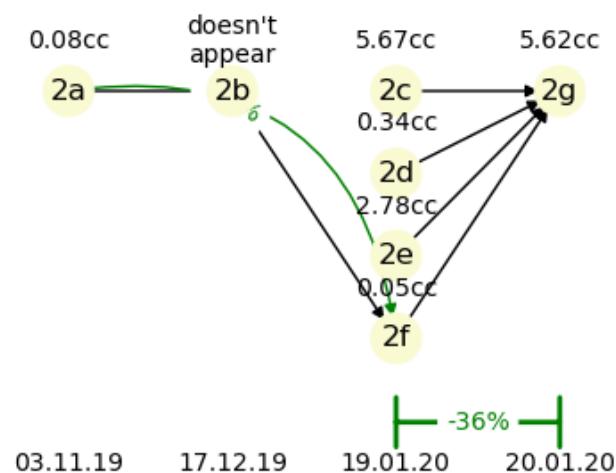2 lesions were last identified in 03.11.19.
0 lesions were last identified in 17.12.19.
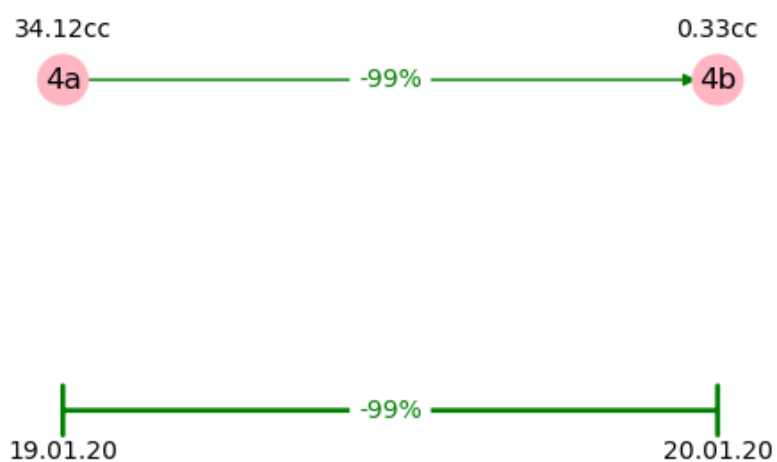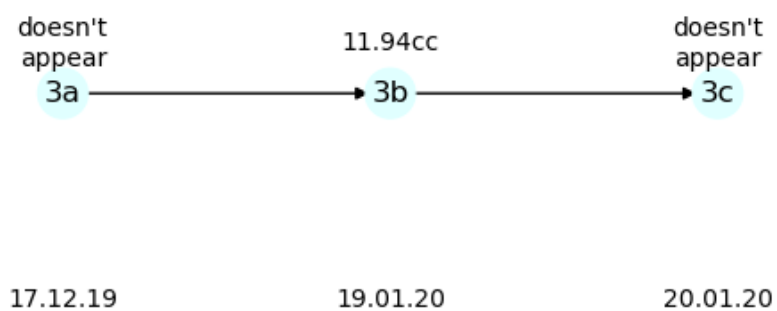0 lesions were last identified in 19.01.20.

Lesions Appearing in Multiple Scans

Lesion 12_3 is a merged lesion resulting from a merge of lesions 4_2 and 3_2. Lesion 12_3's total volume, relative to the combined (summed) previous volumes of lesions 4_2 and 3_2, has decreased by -92%.

Lesion 4_3 is a merged lesion resulting from a merge of lesions 11_2, 13_2, 12_2 and 15_2. Lesion 4_3's total volume, relative to the combined (summed) previous volumes of lesions 11_2, 13_2, 12_2 and 15_2, has decreased by -37%.

doesn't appear	11.94cc	doesn't appear
3a	3b	3c
17.12.19	19.01.20	20.01.20

34.12cc		0.33cc
4a	-99%	4b

-99%

19.01.20   20.01.20

Volume monotonically decreased over time by -99% relative to the previous scan.

3.02cc

doesn't
appear

5a ────────────────────→ 5b

19.01.20   20.01.20

165.59cc   155.33cc   172.61cc   89.67cc

6a ── -6% ──→ 6b ── +11% ──→ 6c ── -48% ──→ 6d

├── -6% ──────┼── +11% ──────┼── -48% ──────┤
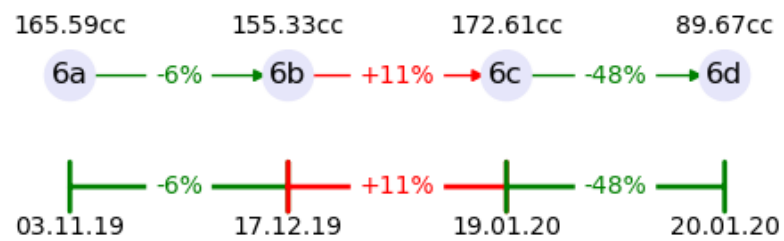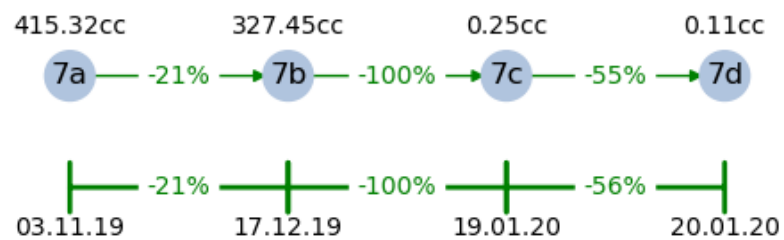03.11.19   17.12.19   19.01.20   20.01.20

Volume monotonically decreased over time by -48% relative to the previous scan.

415.32cc   327.45cc   0.25cc   0.11cc

7a ── -21% ──→ 7b ── -100% ──→ 7c ── -55% ──→ 7d

├── -21% ──────┼── -100% ──────┼── -56% ──────┤
03.11.19   17.12.19   19.01.20   20.01.20

Volume monotonically decreased over time by -55% relative to the previous scan.

0.58cc   0.61cc   0.77cc   315.22cc

8a — +5% → 8b — +27% → 8c — +41007% → 8d

├— +5% —┼— +26% —┼— +40838% —┤

03.11.19   17.12.19   19.01.20   20.01.20
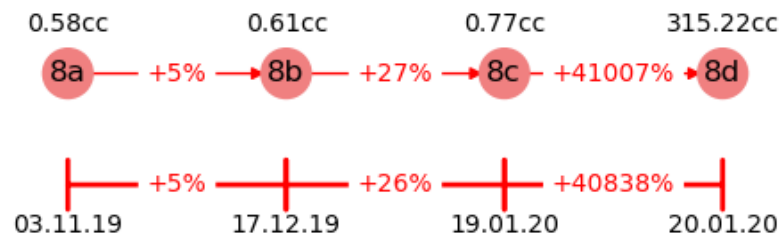
The current lesion volume has increased over time by 41007% relative to the previous scan.

0.36cc   10.53cc   17.3cc

9a — +2848% → 9b — +64% → 9c

├— +2825% —┼— +64% —┤

17.12.19   19.01.20   20.01.20
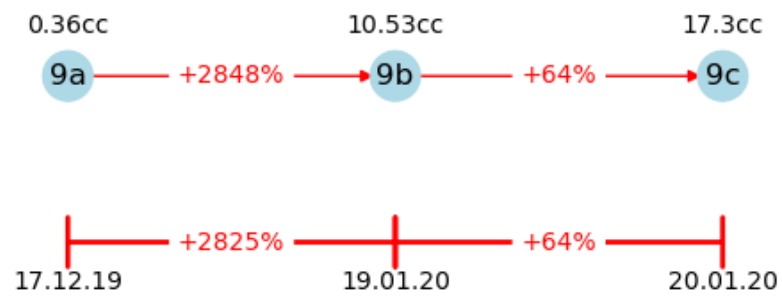
The current lesion volume has increased over time by 64% relative to the previous scan.

1.34cc   333.6cc   1.93cc

10a → 10c — -99% → 10d

0.49cc

10b

├— +18130% —┼— -99% —┤

17.12.19   19.01.20   20.01.20
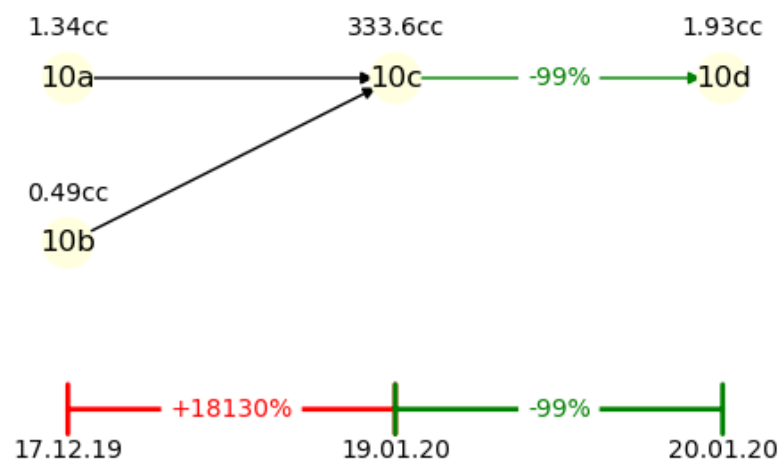
Lesion 7_3 is a merged lesion resulting from a merge of lesions 18_2. Lesion 7_3's total volume, relative to the combined (summed) previous volumes of lesions 18_2, has decreased by -99%.

7.08cc 7.08cc
11b————————————►11c

0.51cc
11a

|——————— -7% ———————|
19.01.20   20.01.20
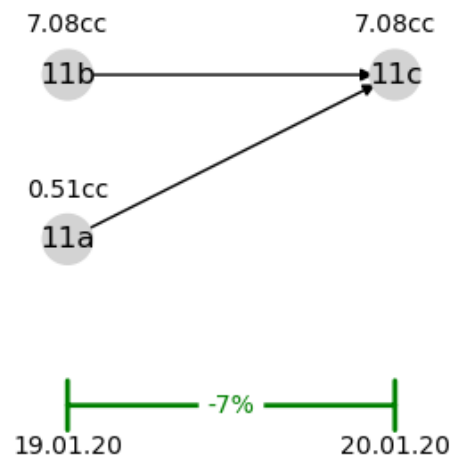
Lesion 2_3 is a merged lesion resulting from a merge of lesions 5_2 and 7_2. Lesion 2_3's total volume, relative to the combined (summed) previous volumes of lesions 5_2 and 7_2, has decreased by -7%.

0.06cc   2.59cc
12a———————————— +4291% ————————————►12b

|———————————— +4217% ————————————|
19.01.20   20.01.20
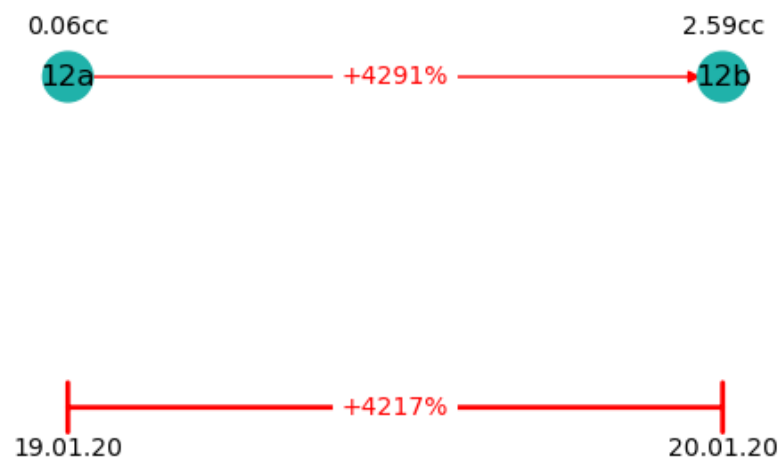
The current lesion volume has increased over time by 4291% relative to the previous scan.