C_A_ 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	5	0	11	0	0
1	0	1	0	0	1	10	0
2	0	1	0	0	3	10	0
3	0	5	0	0	0	8	0
4	0	1	0	0	1	7	0
5	0	2	0	0	3	5	1
6	0	3	2	1	1	5	0
7	0	2	0	0	0	4	1
8	0	0	1	0	0	7	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	16.9	-	-
1	1.46	-91%	-15.44
2	1.64	+12%	+0.17
3	3.34	+104%	+1.7
4	12.96	+288%	+9.62
5	15.79	+22%	+2.83
6	13.21	-16%	-2.58
7	12.1	-8%	-1.11
8	8.61	-29%	-3.49

Individual Lesion Changes

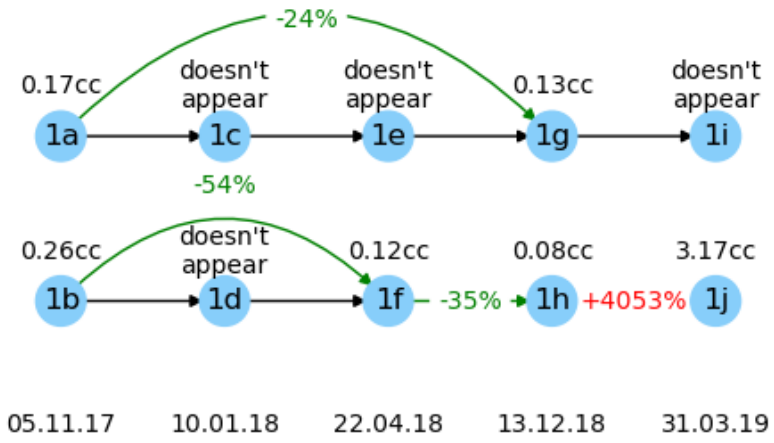
New Lesions

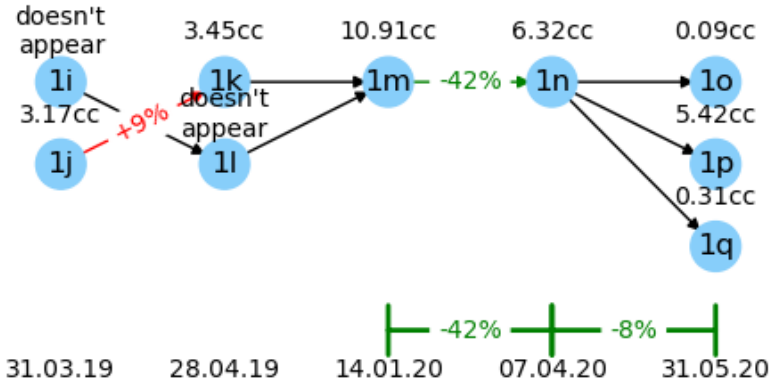
Lesion 9 appeared for the first time in the last scan.

Disappeared Lesions

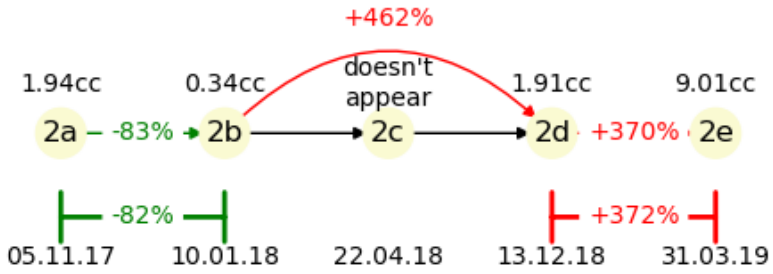
Over time, 15 lesions disappeared.
1 lesion was last identified in 05.11.17.
1 lesion was last identified in 10.01.18.
5 lesions were last identified in 22.04.18.
1 lesion was last identified in 13.12.18.
2 lesions were last identified in 31.03.19.
3 lesions were last identified in 28.04.19.
2 lesions were last identified in 14.01.20.
0 lesions were last identified in 07.04.20.

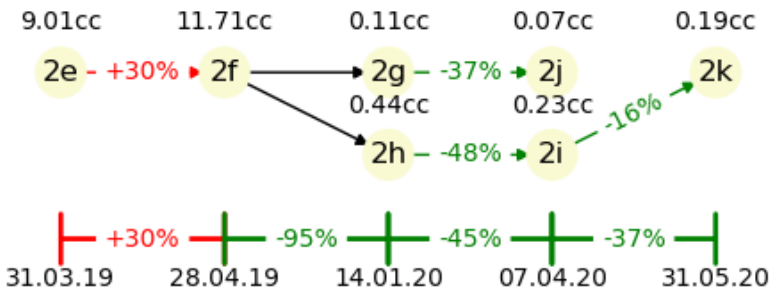
Lesions Appearing in Multiple Scans



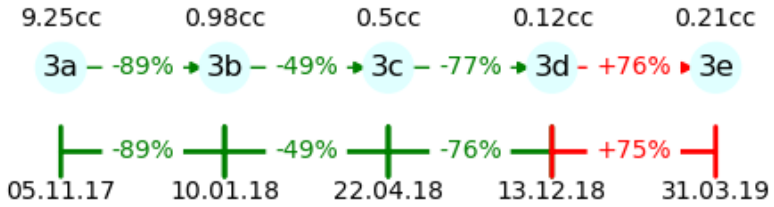


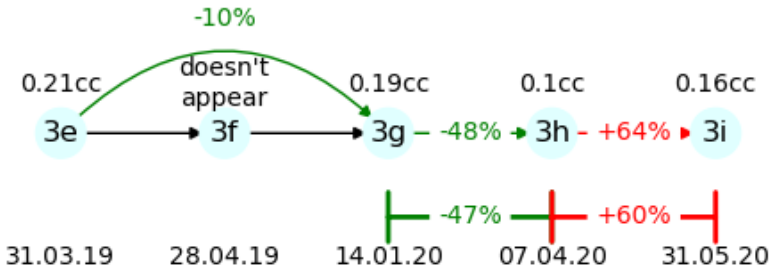
This lesion doesn't appear in the previous scans, taken on 10.01.18, 22.04.18, 31.03.19, 28.04.19. The lesion classification is complex. The lesion 1n split into 3 lesions- 1o, 1p and 1q . The current lesion burden is 5.82 cc. The current tumor burden has decreased by 8% since the previous scan



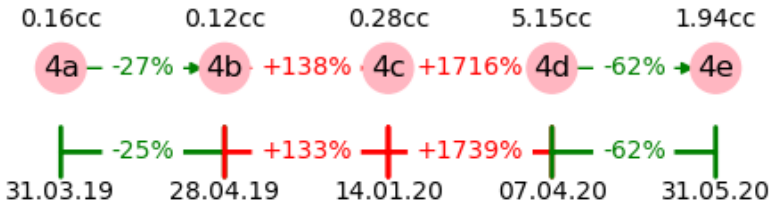


This lesion doesn't appear in the previous scan, taken on 22.04.18. It previously appeared in the scan taken on 10.01.18. The lesions are a result of a split of a lesion from a previous scan into multiple lesions. The current lesion volume has decreased over time by 16% relative to the previous scan. The total lesion burden has decreased, from the first scan to the current scan, by 91%.

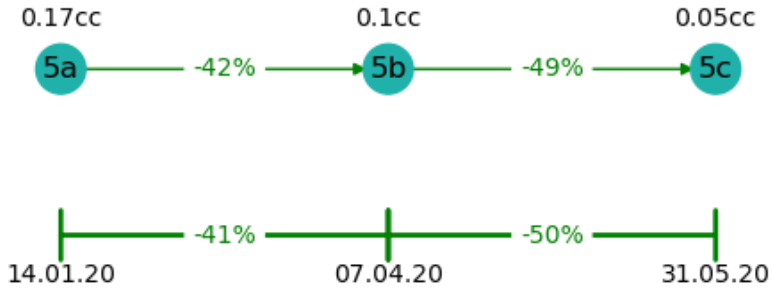




This lesion doesn't appear in the previous scan, taken on 28.04.19. It previously appeared in the scan taken on 31.03.19. The current lesion volume has increased over time by 64% relative to the previous scan. The total lesion burden has decreased, from the first scan to the current scan, by 99%.



The current lesion volume has decreased over time by 62% relative to the previous scan. The total lesion burden has increased, from the first scan to the current scan, by 1112%.



The current lesion volume has decreased over time by 49% relative to the previous scan. The total lesion burden has monotonically decreased, from the first scan to the current scan, by 71%.