

H. G. 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	13	0	1
1	0	0	1	1	7	13	1
2	0	1	1	1	3	17	1
3	0	0	4	1	0	20	0

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

One

Time Stamp	Total Volume [cm ³]	Volume Difference Percentage	Volume Difference [cm ³]
0	43.85	-	-
1	91.63	+109%	+47.78
2	149.03	+63%	+57.39
3	196.17	+32%	+47.14

Individual Lesion Changes

New Lesions

Lesions 5, 12, 14, 17 appeared for the first time in the last scan.

Disappeared Lesions

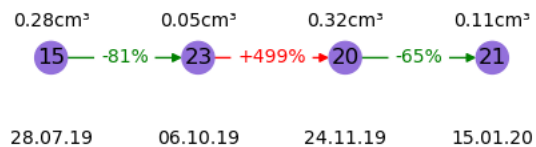
Over time, 3 lesions disappeared.

1 lesion was last identified in 06.10.19.

2 lesions were last identified in 24.11.19.

Lesions Appearing in Multiple Scans

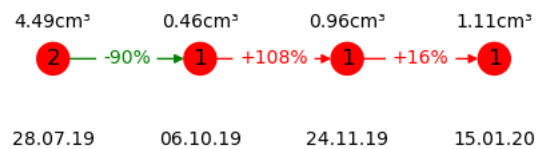
• The History of Lesion 21



Lesion volume has decreased by 83% from previous scan to current scan. Volume monotonically increased over time by 42% from first scan to last scan.

Classification of connected component: linear.

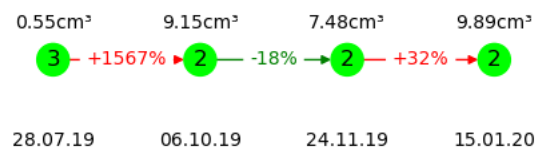
• The History of Lesion 1



Lesion volume has decreased by 16% from previous scan to current scan. Volume monotonically increased over time by 1343% from first scan to last scan.

Classification of connected component: linear.

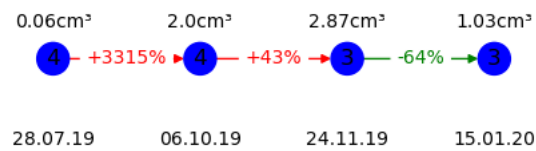
• The History of Lesion 2



Lesion volume has decreased by 32% from previous scan to current scan. Volume shows both increases and decreases over time from first scan to last scan.

Classification of connected component: linear.

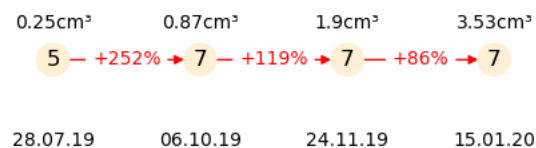
• The History of Lesion 3



Lesion volume has decreased by 64% from previous scan to current scan. Volume shows both increases and decreases over time from first scan to last scan.

Classification of connected component: linear.

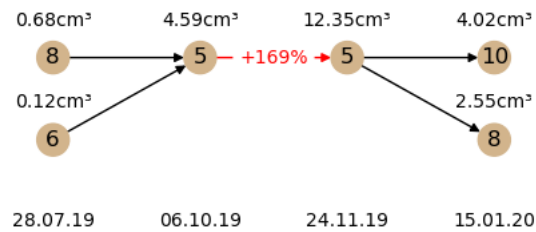
• The History of Lesion 7



Lesion volume has decreased by 86% from previous scan to current scan. Volume monotonically increased over time by 1502% from first scan to last scan.

Classification of connected component: linear.

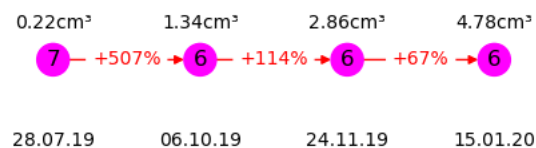
• The History of Lesions 10, 8



Lesion volume has decreased by 627% from previous scan to current scan. Volume shows both increases and decreases over time from first scan to last scan.

Classification of connected component: complex.

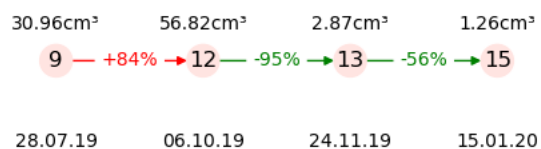
• The History of Lesion 6



Lesion volume has decreased by 67% from previous scan to current scan. Volume monotonically increased over time by 4027% from first scan to last scan.

Classification of connected component: linear.

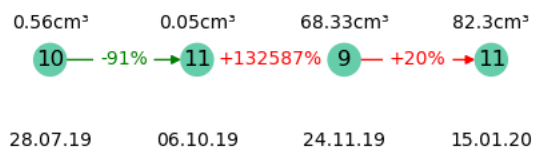
• The History of Lesion 15



Lesion volume has decreased by 37% from previous scan to current scan. Volume shows both increases and decreases over time from first scan to last scan.

Classification of connected component: linear.

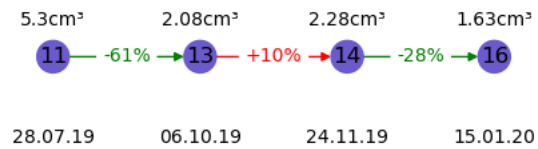
• The History of Lesion 11



Lesion volume has decreased by 106% from previous scan to current scan. Volume shows both increases and decreases over time from first scan to last scan.

Classification of connected component: linear.

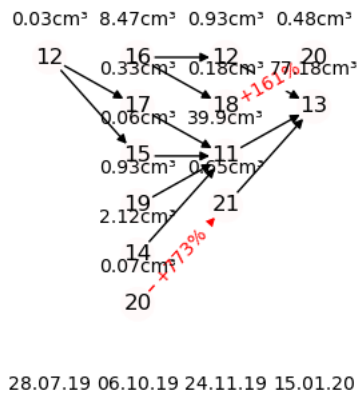
• The History of Lesion 16



Lesion volume has decreased by 803% from previous scan to current scan. Volume monotonically decreased over time by 81% from first scan to last scan.

Classification of connected component: linear.

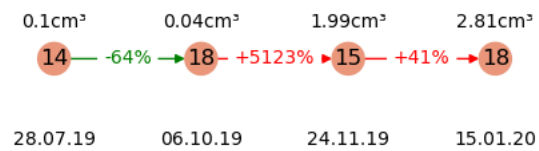
• The History of Lesions 20, 13



Lesion volume has decreased by 51% from previous scan to current scan. Volume monotonically increased over time by 549% from first scan to last scan.

Classification of connected component: complex.

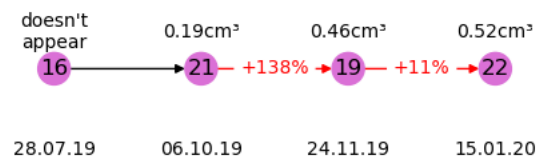
• The History of Lesion 18



Lesion volume has decreased by 1418% from previous scan to current scan. Volume monotonically increased over time by 7254% from first scan to last scan.

Classification of connected component: linear.

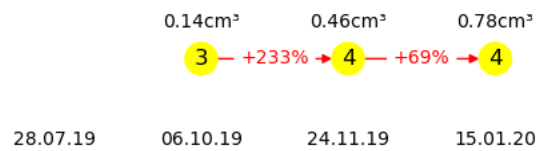
• The History of Lesion 22



Lesion volume has decreased by 43% from previous scan to current scan. Volume monotonically increased over time by 106% from first scan to last scan.

Classification of connected component: linear.

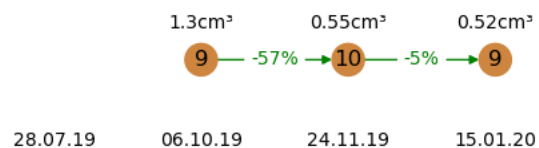
• The History of Lesion 4



Lesion volume has decreased by 69% from previous scan to current scan. Volume shows both increases and decreases over time from first scan to last scan.

Classification of connected component: linear.

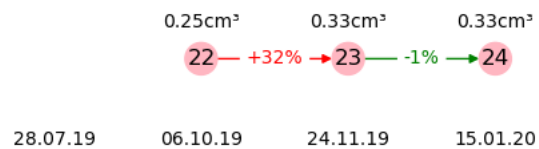
• The History of Lesion 9



Lesion volume has decreased by 99% from previous scan to current scan. Volume shows both increases and decreases over time from first scan to last scan.

Classification of connected component: linear.

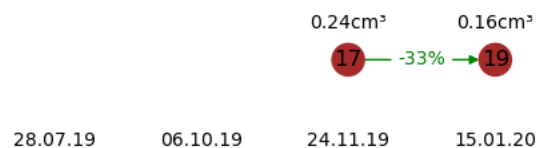
• The History of Lesion 24



Lesion volume has decreased by 22% from previous scan to current scan. Volume monotonically increased over time by 22% from first scan to last scan.

Classification of connected component: linear.

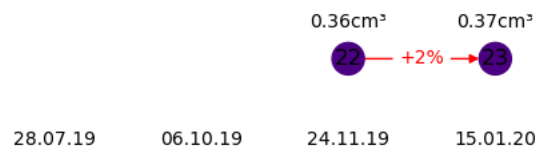
• The History of Lesion 19



Lesion volume has decreased by 65% from previous scan to current scan. Volume monotonically decreased over time by 83% from first scan to last scan.

Classification of connected component: linear.

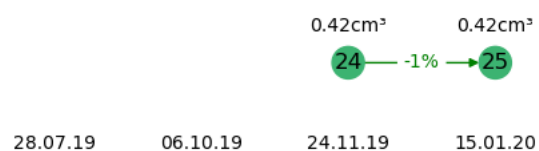
• The History of Lesion 23



Lesion volume has decreased by 12% from previous scan to current scan. Volume monotonically increased over time by 592% from first scan to last scan.

Classification of connected component: linear.

• The History of Lesion 25



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.