

A. S. H. 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	0
1	0	0	0	2	0	6	0
2	0	0	0	0	1	8	0
3	0	0	2	1	0	7	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	647.47	-	-
1	712.19	+10%	+64.73
2	690.31	-3%	-21.88
3	785.18	+14%	+94.87

Individual Lesion Changes

New Lesions

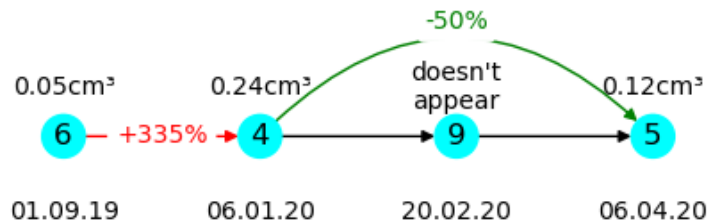
Lesions 6, 9 appeared for the first time in the last scan.

Disappeared Lesions

Over time, no lesions disappeared.

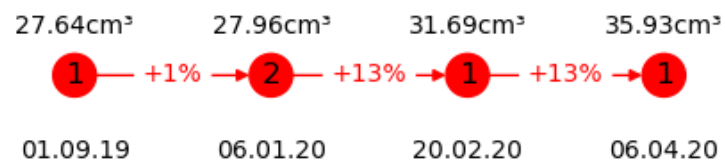
Lesions Appearing in Multiple Scans

• The History of Lesion 5

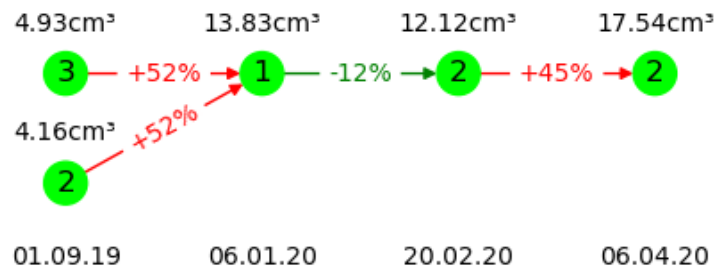


Classification of connected component: linear.

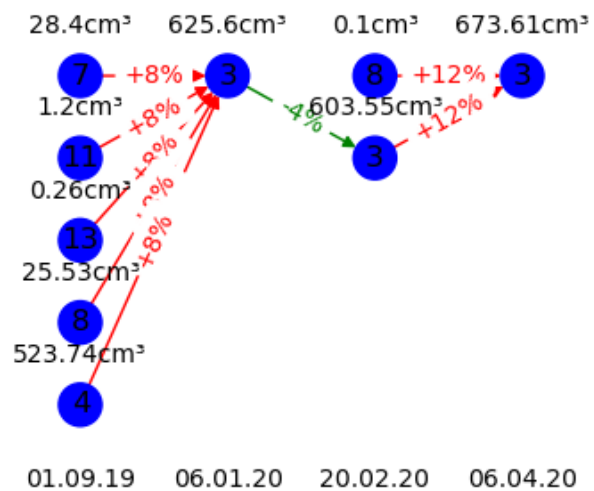
• The History of Lesion 1



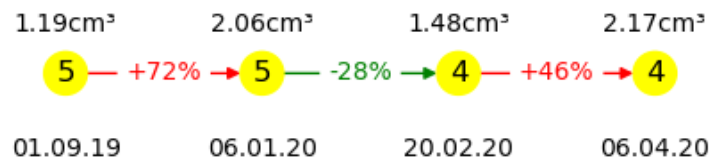
- **The History of Lesion 2**



- The History of Lesion 3

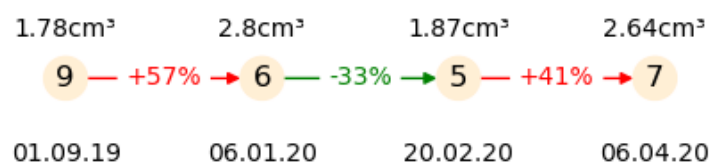


- **The History of Lesion 4**



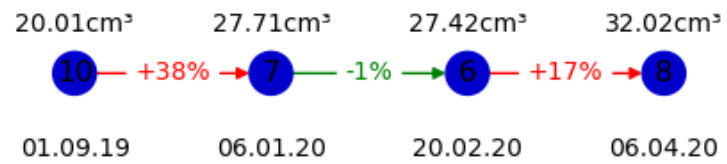
Classification of connected component: linear.

• **The History of Lesion 7**



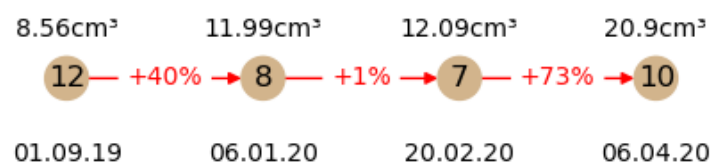
Classification of connected component: linear.

• **The History of Lesion 8**



Classification of connected component: linear.

• The History of Lesion 10



Classification of connected component: linear.