# A\_Z\_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	0	0	18	0	0
1	0	0	1	1	7	16	0
2	0	1	0	2	0	19	0
3	0	0	5	1	0	18	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	9.91	-	-
1	42.71	+331%	+32.79
2	40.31	-6%	-2.4
3	65.36	+62%	+25.06

# **Individual Lesion Changes**

## **New Lesions**

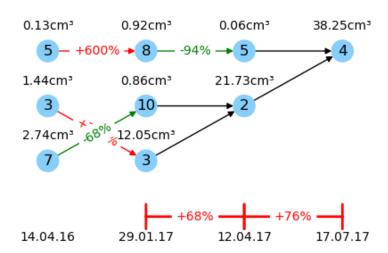
Lesions 17, 8, 22, 28, 29 appeared for the first time in the last scan.

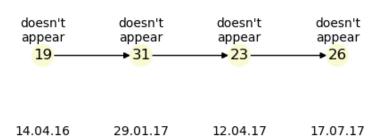
## **Disappeared Lesions**

Over time, 1 lesions disappeared.

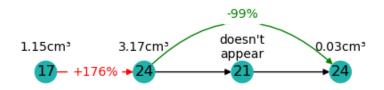
- 0 lesions were last identified in 14.04.16.
- 1 lesion was last identified in 29.01.17.
- 0 lesions were last identified in 12.04.17.

# **Lesions Appearing in Multiple Scans**





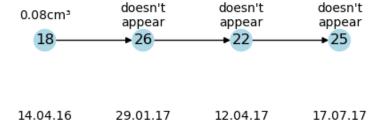
0.99cm<sup>3</sup> 2.89cm<sup>3</sup> 2.64cm<sup>3</sup> 4.09cm<sup>3</sup> 
$$2 - +190\% \rightarrow 4 - -8\% \rightarrow 3 - +55\% \rightarrow 3$$

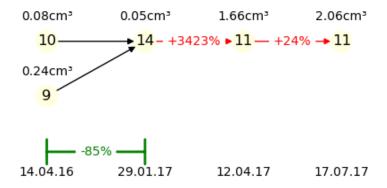


0.22cm<sup>3</sup> 0.74cm<sup>3</sup> 0.85cm<sup>3</sup> 1.07cm<sup>3</sup> 
$$16 - +236\% \rightarrow 21 - +14\% \rightarrow 20 - +25\% \rightarrow 20$$

0.39cm<sup>3</sup> 1.2cm<sup>3</sup> 0.89cm<sup>3</sup> 1.06cm<sup>3</sup>

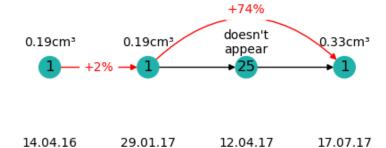
$$4 - +205\% + 5 - -26\% + 4 - +20\% + 5$$

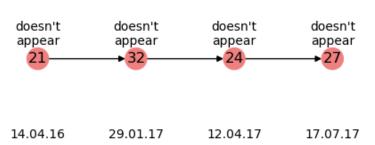




0.14cm<sup>3</sup> 0.12cm<sup>3</sup> 0.68cm<sup>3</sup> 0.9cm<sup>3</sup>

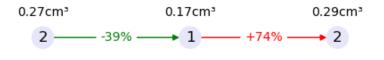
$$6 \longrightarrow -10\% \longrightarrow 7 \longrightarrow +454\% \longrightarrow 6 \longrightarrow +33\% \longrightarrow 6$$





0.25cm<sup>3</sup> 1.3cm<sup>3</sup> 1.37cm<sup>3</sup> 1.28cm<sup>3</sup>

$$13 - +419\% + 18 - +6\% + 16 - -7\% + 16$$



29.01.17 12.04.17 17.07.17

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