# 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 [cc] | Volume Difference Percentage | Volume Difference [cc] |
|------------|-------------------|------------------------------|------------------------|
| 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**

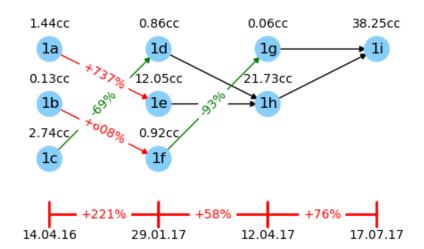
Lesions 17, 8, 22, 28, 29 appeared for the first time in the last scan.

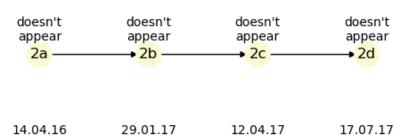
## **Disappeared Lesions**

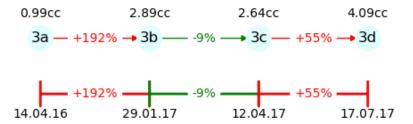
Over time, 1 lesions disappeared.

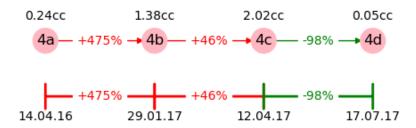
- 0 lesions were last identified in 14.04.16.
- 1 lesion was last identified in 29.01.17.
- 0 lesions were last identified in 12.04.17.

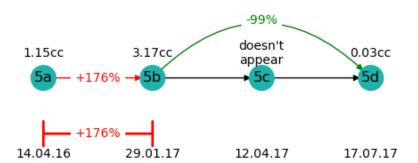
# **Lesions Appearing in Multiple Scans**





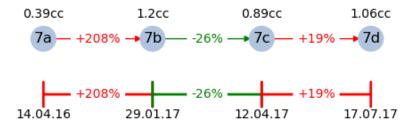






0.22cc 0.74cc 0.85cc 1.07cc
$$6a - +236\% \rightarrow 6b - +15\% \rightarrow 6c - +26\% \rightarrow 6d$$

$$14.04.16 +236\% \xrightarrow{29.01.17} +15\% \xrightarrow{12.04.17} +26\% \xrightarrow{17.07.17}$$



0.84cc 2.34cc 3.14cc 2.4cc

8a 
$$- +179\% \rightarrow 8b - +34\% \rightarrow 8c - -24\% \rightarrow 8d$$

14.04.16 29.01.17 12.04.17 17.07.17

