

A. W. Patient Summary

Patient Study Based on Lesion Graph



t0

t1

t2

Di Veroli B., Joskowicz L. A Graph Theoretic Approach for Analysis of Lesion Changes and Lesions Detection Review in Longitudinal Ontological Imaging, CASMIP Hebrew University, 2023

Lesion Counting According to Their Classification

Time Layer	complex	disappeared	lone	merged	new	persistent	split
0	0	0	0	0	2	0	0
1	0	0	0	0	0	2	0
2	0	2	0	0	0	0	0

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

Time Stamp	Total Volume [mm ³]	Volume Difference Percentage	Volume Difference [mm ³]
0	12820.78 [mm ³]	0%	0 [mm ³]
1	4518.83 [mm ³]	-64.75%	-8301.95 [mm ³]
2	1600.04 [mm ³]	-64.59%	-2918.8 [mm ³]