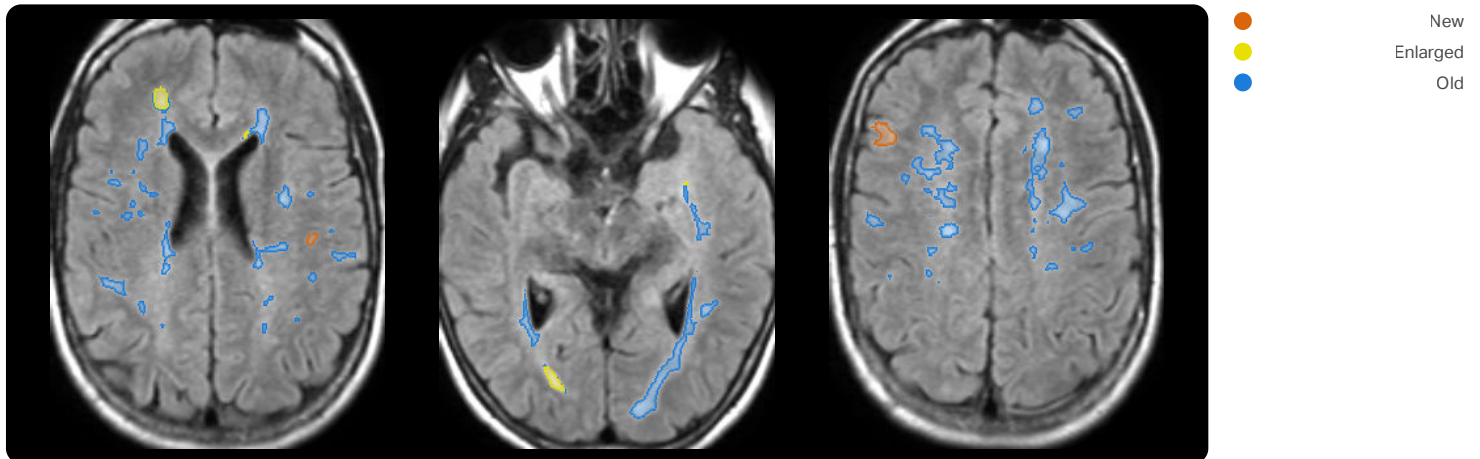


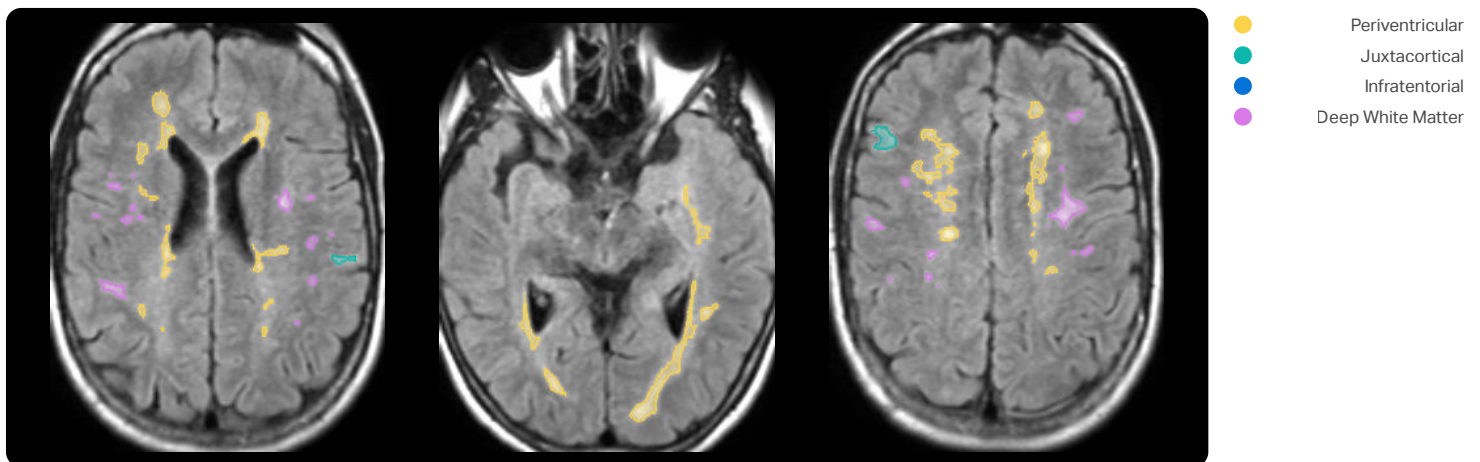


PATIENT ID	NAME	SEX	DATE OF BIRTH	STUDY DATE	SEQUENCE(S)
sub_07		F	-(29Y)	01.01.2019 <i>One previous study considered.</i>	t1 (T1) ... (+3)

Lesion Dynamics: Visual Representation of Slices



Spatial Distribution of Lesions



Details (01.01.2019)

REGION	LESION VOLUME [ml]				LESION QUANTITY		
	TOTAL	PERCENTILE*	NEW	ENLARGED	TOTAL	NEW	ENLARGED
PERIVENTRICULAR	16.03	100.0 %	0.00	0.99	7	0	3
JUXTACORTICAL	0.73	99.4 %	0.44	0.00	4	1	0
INFRA TENTORIAL	0.16	89.0 %	0.02	0.08	3	1	1
DEEP WHITE MATTER	8.20	100.0 %	0.24	0.12	86	7	3
TOTAL	25.12	100.0 %	0.70	1.19	100	9	7

*The percentile gives the expected proportion of the normal population with the same covariates having a lower volume than the one measured (based on the measurements of a normal collective).

⚠ The two FLAIR sequences used for the longitudinal evaluation are different (see appendix). This can lead to a high variability of the results.

Quality Control (01.01.2019)

IMAGE QUALITY	Good
NOTES	See appendix





PATIENT ID	NAME	SEX	DATE OF BIRTH	STUDY DATE	SEQUENCE(S)
sub_07		F	-(29Y)	01.01.2019 <i>One previous study considered.</i>	t1 (T1) ... (+3)

Appendix

The automated quality control yielded a good image quality. However, the following points need attention:

1. TE, TI and TR of the FLAIR sequences are different. This can affect the reliability of the longitudinal evaluation.
2. TE and TR of the T1 sequences are different. This can affect the reliability of the longitudinal evaluation.

01.01.2019 SCAN

DICOM FIELD	T1	T2/FLAIR
SEQUENCE DESCRIPTION	t1	t2
SCANNER MANUFACTURER	Philips	Philips
SCANNER TYPE	nifti2dicom	nifti2dicom
FIELD STRENGTH	1.5 T	1.5 T
REPETITION TIME	n/a	n/a
ECHO TIME	n/a	n/a
INVERSION TIME	n/a	n/a
PIXEL SPACING	1.0 mm × 1.0 mm	1.0 mm × 1.0 mm
SLICE THICKNESS	1.0 mm	1.0 mm
SPACING BETWEEN SLICES	1.0 mm	1.0 mm
ACQUISITION MATRIX	n/a	n/a
NUMBER OF SLICES	198	217

01.01.2018 SCAN

DICOM FIELD	T1	T2/FLAIR
SEQUENCE DESCRIPTION	t1	t2
SCANNER MANUFACTURER	Philips	Philips
SCANNER TYPE	nifti2dicom	nifti2dicom
FIELD STRENGTH	1.5 T	1.5 T
REPETITION TIME	n/a	n/a
ECHO TIME	n/a	n/a
INVERSION TIME	n/a	n/a
PIXEL SPACING	1.0 mm × 1.0 mm	1.0 mm × 1.0 mm
SLICE THICKNESS	1.0 mm	1.0 mm
SPACING BETWEEN SLICES	1.0 mm	1.0 mm
ACQUISITION MATRIX	n/a	n/a
NUMBER OF SLICES	148	150

