

Anti-amyloid therapy in AD — Structured MRI Report Baseline scan

Purpose of scan

1. To assess baseline information before treatment start
2. To exclude MRI contra-indications* for anti-amyloid treatment

**>4 microbleeds, prior >1 cm ICH, any cSS, severe WMH (Fazekas 3), and significant infarcts (recent, large territorial, or multiple lacunar)*

Technique

Field strength: ☐ 1.5T ☐ 3T ☐ other.....

FLAIR: ☐ 2D ☐ 3D

Hemosiderin-sensitive sequence: ☐ SWI ☐ T2* GRE

DWI: ☐ Yes ☐ No

3D T1w: ☐ Yes ☐ No

2D T2w: ☐ Yes ☐ No

Image quality: ☐ Adequate ☐ Limited (specify)

Motion artefacts: ☐ None ☐ Mild ☐ Moderate ☐ Severe (specify if certain markers cannot be assessed):

Additional Sequences Performed: _____

Findings – Hemorrhagic/ CAA related markers

Microbleeds

☐ None ☐ Present - Count: ____

Distribution (multiple can be chosen): ☐ Lobar ☐ Deep ☐ Infratentorial

Macrohemorrhage (>1 cm)

☐ No ☐ Yes → size: ____ location: ____

Superficial siderosis (cSS)

☐ None ☐ Focal ☐ Disseminated

Number of sulci involved: ____

Enlarged perivascular spaces (centrum semiovale):

☐ N/A ☐ None ☐ Mild ☐ Moderate ☐ Severe

Findings – Ischemic/ small vessel disease

White matter hyperintensities (WMH): Fazekas: ☐ 0 ☐ 1 ☐ 2 ☐ 3

Lacunes ☐ None ☐ Present

Count: ____

Location: ____

Cortical infarcts ☐ None ☐ Present

☐ Small chronic (if yes, mention single vs multiple)

☐ Large territorial → size and location: ____

Acute ischemia (DWI) ☐ No ☐ Yes → location: ____

Findings – Edema/ ARIA-like abnormalities

Vasogenic edema / sulcal effusion: ☐ Absent ☐ Present (location)

Findings – Atrophy

GCA 0-3 and Koedam 0-3 for lobar atrophy, left-right per lobe and report asymmetry:

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MTA 0-4 for medial temporal atrophy, left-right :

Report any pronounced focal (regional) atrophy:

Brainstem and cerebellar atrophy:

Findings – Any additional relevant imaging findings

- Mass lesion
- Hydrocephalus (NPH features)
- Extra-axial collections
- Traumatic sequelae
- Vascular malformation (AVM/cavernoma/aneurysm)
- Other:

Findings – Use of AI algorithm

Was an AI algorithm used in assessment of any of the findings: ☐ None ☐ Yes

If so, specify which findings and which algorithm:

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Conclusion

Summary of hemorrhagic and ischemic burden:

MRI contraindications for anti-amyloid therapy

- ☐ No contraindications identified
- ☐ Contraindications present → if so, specify: ____

Neurodegenerative pattern

- ☐ Findings consistent with Alzheimer's disease
- ☐ Mixed AD / vascular pathology
- ☐ Alternative diagnosis suggested → ____