**Appendix A.** Central reader variables for recording brain MRI findings in the A4 and LEARN studies

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| **A4 Study** | **LEARN Study** |
| Definite ARIA-E (ARIAEDEF; 0 or 1)  | Cerebral edema (CEDEMA; Yes/No) |
| Definite microhemorrhage (MCHDEF; 0,1,2,3,≥4)  | Microhemorrhage (MICROHEM; 0,1,2,3,≥4) |
| Definite superficial siderosis (SSDEF; 0,≥1)  | Hemosiderosis (HEMOSID; Yes/No) |
| Both definite microhemorrhage and superficial siderosis (MCHDEF>0 & SSDEF>0) | CEDEMA=Yes & HEMOSID=Yes |
| >4 definite microhemorrhage (MCHDEF>4) | >4 microhemorrhages (MICROHEM ≥4) |
| Definite cortical infarction (LCIDEF+SCIDEF; >0) | Cortical infarcts (CINFARCT; Yes/No) |
| Definite subcortical infarction (SUBCIDEF; 0 to 11) | Subcortical infarcts (extracted and quantified from central report narrative) |

Abbreviations: A4 = Anti-Amyloid Treatment in Asymptomatic Alzheimer’s Disease; ARIA = amyloid related imaging abnormalities; ARIA-E = ARIA-effusions; LEARN = Longitudinal Evaluation of Amyloid Risk and Neurodegeneration; MRI = magnetic resonance imaging.