

Box Two: Modified Boston Criteria (Linn 2010) *

Table 1 Classic and modified Boston criteria for CAA-related hemorrhage		
	Classic Boston criteria ²	Modified Boston criteria
Definite CAA	Full postmortem examination demonstrating: <ul style="list-style-type: none"> • Lobar, cortical, or corticosubcortical hemorrhage • Severe CAA with vasculopathy • Absence of other diagnostic lesion 	No modification ^a
Probable CAA with supporting pathology	Clinical data and pathologic tissue (evacuated hematoma or cortical biopsy) demonstrating: <ul style="list-style-type: none"> • Lobar, cortical, or corticosubcortical hemorrhage • Some degree of CAA in specimen • Absence of other diagnostic lesion 	No modification ^a
Probable CAA	Clinical data and MRI or CT demonstrating: <ul style="list-style-type: none"> • Multiple hemorrhages restricted to lobar, cortical, or corticosubcortical regions (cerebellar hemorrhage allowed) • Age ≥55 y • Absence of other cause of hemorrhage 	Clinical data and MRI or CT demonstrating: <ul style="list-style-type: none"> • Multiple hemorrhages restricted to lobar, cortical, or corticosubcortical regions (cerebellar hemorrhage allowed) or • Single lobar, cortical, or corticosubcortical hemorrhage and focal^b or disseminated^c superficial siderosis • Age ≥55 y • Absence of other cause of hemorrhage or superficial siderosis
Possible CAA	Clinical data and MRI or CT demonstrating: <ul style="list-style-type: none"> • Single lobar, cortical, or corticosubcortical hemorrhage • Age ≥55 y • Absence of other cause of hemorrhage 	Clinical data and MRI or CT demonstrating: <ul style="list-style-type: none"> • Single lobar, cortical, or corticosubcortical hemorrhage or • Focal^b or disseminated^c superficial siderosis • Age ≥55 y • Absence of other cause of hemorrhage or superficial siderosis

Abbreviation: CAA = cerebral amyloid angiopathy.

^aNo modification compared to the classic Boston criteria.

^bSiderosis restricted to 3 or fewer sulci.

^cSiderosis affecting at least 4 sulci.

* J. Linn, MD, A. Halpin, MD, P. Demaerel, PhD, J. Ruhland, A.D. Giese, PhD, M. Dichgans, PhD, M.A. van Buchem, PhD, H. Bruckmann, PhD, and S.M. Greenberg, PhD. **Prevalence of superficial siderosis in patients with cerebral amyloid angiopathy.** *Neurology*. 2010 Apr 27; 74(17): 1346–1350. Doi: 10.1212/WNL.0b013e3181dad605