Supplementary

Table S1 Case reports of AOP discovered by different vascular imaging techniques in the past 20 years

Year of publication	Author	Journal	Vascular imaging	Descriptions
2021	Naldi A, *et al.*(8)	Neurol Sci	MRA	a single perforator originates from the proximal P1 segment of the left PCA.
			DSA	confirm the MRI evidence of a single dominant perforating artery compatible with AOP originating from the proximal P1 segment of the left PCA
2021	Kheiralla OAM, *et al.*(14)	Radiol Case Rep	MRA	an abnormal tiny vessel arising from the P1 segment of the left PCA, consistent with AOP
2019	Ranasinghe T, *et al.*(12)	Case Rep Emerg Med	CTA	demonstrated an AOP arising from the right PCA
2018	Lin PC, *et al.*(9)	Radiol Case Rep	DSA	contrast accumulation in a small branch of the right PCA, AOP.
2016	Lee HY, *et al.*(13)	Ann Rehabil Med	CTA	an unpaired thalamic perforating artery arising from the proximal P1 segment of the left PCA supplying the bilateral thalami.
2015	Jiménez Gómez E, *et al.*(10)	Neurologia	DSA	Recanalización del segmento P1 izquierdo con repleción de una arteria de Percheron
2013	Rodriguez EG, *et al.*(15)	Radiol Case Rep	MRA	a single branching vessel originating from the P1 segment of the right PCA which appears to supply both thalami
2012	Cao W, *et al.*(11)	Acta Radiol Short Rep	DSA	a stenotic AOP originating from the left P1 segment
2010	Lazzaro NA, *et al.*(4)	AJNR Am J Neuroradiol	DSA	a large unpaired thalamic perforating artery arising from the proximal P1 segment supplying the bilateral thalami (ie, an AOP).
2007	Kostanian V, *et al.*(6)	AJNR Am J Neuroradiol	DSA	normal visualization of the full length of the artery of Percheron
2004	Stefan Weidauer , *et al.*(5)	Eur Radiol	DSA	unpaired origin of the PTPA with a diencephalo-mesencephalic common trunc (Percheron type II) arising from the right superior cerebellar artery
2002	B. Z. Roitberg, *et al.*(7)	Acta Neurochir	DSA	a single unpaired central thalamic perforating artery

MRA, magnetic resonance angiography; MRI, magnetic resonance imaging; DSA, digital subtraction angiography; PCA, posterior cerebral artery; AOP, Artery of Percheron; CTA, computed tomographic angiography; PTPA, posterior thalamoperforating artery.

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