Arterial malformations of the brain arteries are not uncommon. In one of our autopsies, we have identified an interesting alteration: a left-right anastomosis occurring in the anterior cerebral arteries, one centimeter ahead of the anterior communicant artery. As the left frontal lobe would be insufficiently supplied due to such a malformation, extra branches have grown: an “extra anterior cerebral artery” originated from the anterior communicant artery and generated three branches which were involved in the frontal lobes’ blood supply, especially the left one.

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