

Rat brain with Doppler probe coordinates overlay. Probe 1 measures middle cerebral artery (MCA) blood flow and Probe 2 measures leptomeningeal anastomoses (LMA) blood flow. Probe 1 coordinates are -2mm posterior and +4mm lateral from Bregma and Probe 2 coordinates are +2mm anterior and +3mm lateral from Bregma. For more information please see figure in publication: Cipolla MJ, Linfante I, Abuchowski A, Jubin R, Chan SL. Pharmacologically increasing collateral perfusion during acute stroke using a carboxyhemoglobin gas transfer agent (Sanguinate™) in spontaneously hypertensive rats. *J Cereb Blood Flow Metab.* 2018 May;38(5):755-766. doi: 10.1177/0271678X17705567. Epub 2017 Apr 24. PMID: 28436705; PMCID: PMC5987934.