

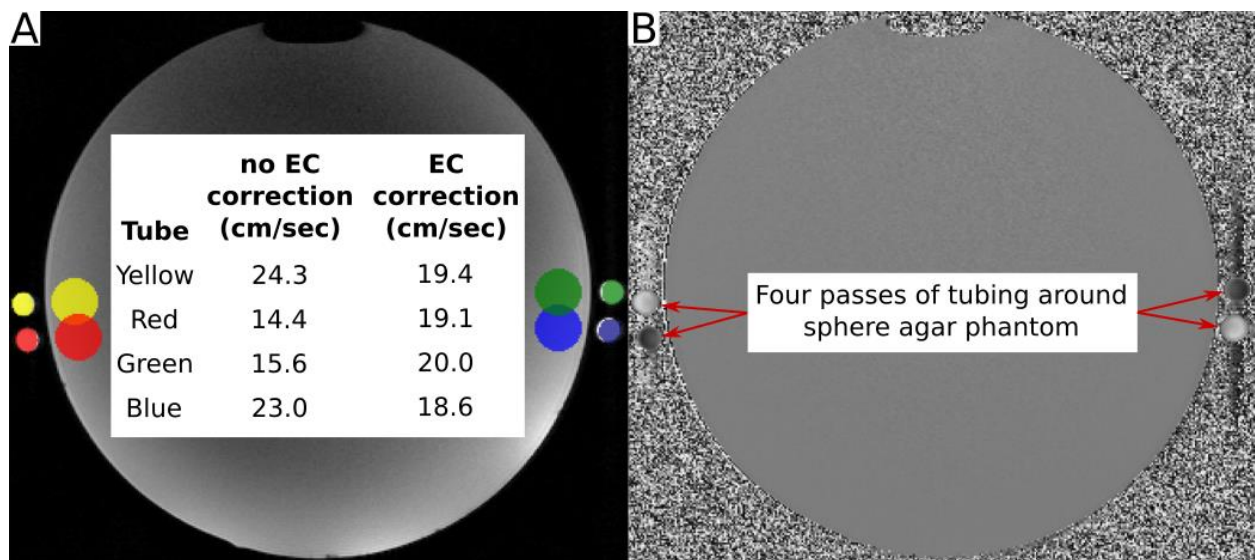
Supplemental Material

Altered blood flow in the ophthalmic and internal carotid arteries in patients with age-related macular degeneration measured using non-contrast MR angiography at 7 Tesla

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Supplementary Figure 1: A custom-built flow phantom, consisting of a spherical agar gel phantom wrapped with water-filled tubing making four passes around its center, with a continuous circuit of flowing water, used to confirm the quantitative flow rates from the PC-MRA data and to validate the EC correction process. (A) The smaller ROIs cover the inner diameter of each tube and the color-matched larger ROIs were used for EC correction. The table shows the flow velocities through each tube before and after EC correction when the flow phantom was set to output 20 cm/s. (B) A phase-valued image from a PC-MRA acquisition with a VENC of 45 cm/s in which the four tubes can be seen adjacent to the agar sphere phantom.