Highlights

- Transparent cerebral arterial trees were prepared from humans postmortem.
- Flow behavior of embolus-model particles at the bifurcation of the ICA was studied.
- Large particles migrated away from the vessel wall towards the core of the ICA.
- Model particles involved in the core flow of the ICA selectively entered the MCA.
- The incidence of thrombo-embolism is higher in the MCA than in the ACA in humans.