

## SUPPLEMENTAL MATERIAL

**Supplemental Table 1:** Numbers of vascular cognitive impairment (VCI) patients and controls studied divided into preliminary diagnostic categories. Subcortical ischemic vascular disease (SIVD) had white matter hyperintensities, focal neurological findings, and imbalance. Multiple infarcts (MI) had cortical or lacunar strokes or single strategic strokes. Mixed (MX) had symptoms suggestive of both vascular and Alzheimer's disease. Patients with white matter hyperintensities (WMHs) with nondiagnostic symptoms were classified as leukoaraiosis (LA).

<u>Diagnostic Groups</u>	<u>Numbers of Subjects</u>	<u>Age</u> Mean years (SD)
SIVD	19	64.79 (11.62)
MI	9	55.56 (16.18)
MX	6	73.17 (7.20)
LA	8	60.62 (14.25)
Technical failures	3	—
Total	45	F(3,38) = 2.50, p=.07

**Supplemental Table 2:** Clinical information on controls without neurological illnesses were undergoing spinal anesthesia for surgery

<b>Control Number</b>	<b>Sex</b>	<b>Age</b>	<b>Diagnosis</b>
C001	M	40	pneumonia
C002	F		pregnant
C003	M	80	Unknown
C005	F	35	pregnant
C006	F	23	pregnant
C007	F	24	post partum
C008	F	37	pregnant; asthma
C009	F	55	meniscal tear
C014	F	32	pregnant/CS
C015	F	62	chronic renal failure
C016	M	54	Hypertension
C017	M	55	BHP/TURP
C019	M	72	peripheral vascular disease
C020	M	22	anal condyloma
C021	F	65	meniscal repair
C022	M	30	varicocele
C025	M	41	Unknown
C030	M	48	meniscal repair