

Patient ID SA00181257	Patient Name TESTING, CNSA	Birth Date 1956-04-25	Sex F	Age 70
Order Number SA00181257	Client Order Number SA00181257	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Sep 2026 00:00		

Neuropathology Consult

Case Number CR-26-530

Interpretation

MCR

FINAL DIAGNOSIS

- Vascular brain injury, characterized by multiple microinfarcts/infarcts, including: a. Subacute microinfarcts/infarcts, right occipital, bilateral deep gray nuclei, and left cerebral peduncle b. Chronic microinfarcts/infarcts, right orbitofrontal, left anterior cingulate, bilateral deep gray nuclei, and left internal capsule
- Cerebrovascular disease: a. Large-vessel atherosclerosis, severe: right PCA and right MCA, grade 4 (of 4); left MCA and bilateral ACA, grade 3; left vertebral, basilar and left PCA, grade 2; right vertebral, right ICA and left PCA, grade 1 b. Arteriolosclerosis, severe
- Dura, pituitary gland, and spinal cord not received

Report electronically signed by

MCR

Jennifer Pettengill

I verify that I have examined all relevant slides/materials for the specimen(s) and rendered or confirmed the diagnosis.

Gross Description

MCR

Gross Examination

Epidural hemorrhage: absent

Leptomeninges: thin and transparent

Brain swelling: mild, generalized

Herniation: absent

Atrophy: absent

Cerebral arteries: normally developed without focal gross abnormality; atherosclerosis: right vertebral, grade 1 (of 4); left vertebral, 2; basilar, 2; right PCA, 4; left PCA, 2; right ICA, 1; left PCA, 1; right MCA, 4; left MCA, 3; right ACA, 3; left ACA, 3 Cortical gray matter and subcortical white matter with multiple cavitory lesions consistent with subacute to chronic infarcts, including: -Left frontal white matter, at a coronal level 2 cm anterior to the genu of the corpus callosum, 0.3 cm -Right frontal white matter in the region of the orbitofrontal cortex, at a level 1 cm anterior to the genu of the corpus callosum, 0.8 cm -Left frontal periventricular white matter, at the level of the genu of the corpus callosum, 0.5 cm -Left posterior frontal white matter, at the level of the red nucleus, 0.8 x 0.4 x 0.4 cm -Right calcarine fissure, at a level 1 cm anterior to the occipital pole, 1 x 0.8 x 0.8 cm Basal ganglia and thalamus with multiple cavitory lesions consistent with subacute to chronic infarcts, including : -Left putamen, associated with orange-dark red discoloration consistent with remote hemorrhage, from the level of the anterior commissure to the level of the red nucleus, extending to involve

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	Nikola Baumann Ph.D.	24D0404292

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posterior limb of internal capsule, 4.5 (AP) x 3 (SI) x 2 cm -Right putamen, associated with orange-dark red discoloration consistent with remote hemorrhage, from the level of the anterior commissure to the level of the red nucleus, 4 (AP) x 2.5 (SI) x 1 cm -Right globus pallidus, at the level of the mammillary bodies, 1 x 0.5 x 0.4 cm -Right caudate body, at the level of the red nucleus, 0.5 x 0.3 x 0.3 cm
Lateral ventricles: no dilatation or hemorrhage
Cerebellum: normally developed without focal gross abnormality
Midbrain, pons and medulla: 0.7 x 0.5 cm cavitory lesion consistent with subacute to chronic infarct involving the left cerebral peduncle; pons and medulla normally developed without focal gross abnormality
Spinal cord: not available for examination
Brain weight (fixed): 1580 g

Block Summary

A1 L Sup/mid frontal
A2 R Sup/mid frontal
A3 L Sup/mid temporal
A4 R Sup/mid temporal
A5 L Parietal (IPL)
A6 R Parietal (IPL)
A7 L Visual
A8 L Motor
A9 R Motor
A10 L Anterior cingulate
A11 L Hippocampus (LGN)
A12 R Hippocampus (LGN)
A13 R Basal ganglia
A14 R Thalamus
A15 L Cerebellum
A16 Midbrain
A17 Pons
A18 Medulla
A19 L Basal ganglia
A20 R Basal ganglia
A21 L Posterior limb of internal capsule A22 R Visual
A23 R Orbitofrontal cortex

Material Received

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A. XX26-12345: Brain

1 wet tissue

Received: 10 Sep 2026 16:05

Reported: 10 Sep 2026 16:13

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