**AUTOPSY HISTOPATHOLOGY, PROCEDURES AND SPECIMENS REQUIRED (ADULT AUTOPSY).**

Client ID:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Client Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date of Autopsy:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Time of Autopsy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clinical Diagnosis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Autopsy Diagnosis:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Autopsy Performed by:

1. Registrar: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Consultant:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**INSTRUCTIONS**

1. LABEL EACH CASSETTE WITH THE AUTOPSY NUMBER AND THE CORRESPONDING NUMERAL AS DESCRIBED IN THIS DOCUMENT. WRITE ‘N’ ON EACH SPECIMEN TO IDENTIFY IT AS A NEUROPATHOLOGY SPECIMEN
2. ATTACH THE AUTOPSY REPORT FOR EACH CASE TO THIS REQUEST.
3. BRAIN SPECIMENS MUST FIRST BE FIXED IN 15% NBF FOR 2-3 WEEKS PRIOR TO DISSECTION

**DESCRIPTION OF NEUROPATHOLOGICAL FEATURES**

The **brain** weighs \_\_\_\_\_ g. The leptomeninges are *thin and transparent with no vascular congestion, subarachnoid hemorrhage, or exudate/other.* The circle of Willis and other basal vasculature are *intact and normally formed/other*. The vessels are *intact, patent and thin walled/other*. The cranial nerves are *intact and normally distributed/other*. The dorsal convexities of the brain are *symmetrical with a well-developed gyral pattern/other*. The brainstem and cerebellum *show the usual/other external configuration*. There is *no localized external softening or contusion of the brain/other*. There is no displacement of the *cingulate gyrus, medial temporal lobe, or cerebellar tonsils/other*.

Multiple coronal sections of the cerebrum show *an intact cortical ribbon of appropriate thickness/other.* The internal architecture shows *the usual pattern/other without focal lesions or hemorrhage/other.* The ventricular system is of appropriate *configuration and size/other.* The transverse sections of the brainstem show *a well pigmented substantia nigra and locus caeruleus/other.* The pons shows *well-defined pyramids and inferior olivary nuclei/other.* Sections of the cerebellum *show prominent inferior olivary nuclei/other,* the hemispheres show *the usual foliar pattern and appearance of the dentate nuclei/other.*

The spinal cord dura is *intact/other,* and its inner surface *smooth and shiny/other.* The spinal leptomeninges are *thin and translucent/other.* Anterior and posterior roots are comparable in size. Transverse sections of the cord show *no abnormalities/other.* The cauda equina is *unremarkable/other.*

**SPECIMENS FOR HISTOPATHOLOGY**

1. Parasagital frontal lobe from anterior horn of lateral ventricle to midline apex (sampling corpus callosum, lateral ventricular wall, cingulated gyrus, indusium griseum, Parasagital neocortex and Centrum semiovale)
2. Temporal lobe including hippocampus at level of the lateral geniculate body (samples hippocampus, transitional allocortex, temporal neocortex, lateral geniculate body, temporal horn wall, choroid plexus and tail of the caudate nucleus.
3. Midline mammilary bodies through the insular cortex (samples hypothalamus, anterior thalamus, third ventricular wall, internal capsule, optic tract, globus pallidum, putamen, claustrum, insular cortex an both external and extreme capsules)
4. Midbrain (samples crux cerebri, substantia nigra, aqueduct of Sylvius, red nucleus and decussation of the brachium conjuctivum)
5. Pons at the level of fifth nerve exit (samples pontine tegmentum, floor of fourth ventricle, trapezoid body [ascending sensory pathways] pyramidal tract and cerebellar afferent nuclei and tracts)
6. Medulla Oblongata (samples pyramidal tracts, inferior olivary nuclei, medial lemniscus, various cranial nerve nuclei, medial longitudinal fasciculus, choroid plexus, floor of the fourth ventricle and inferior cerebellar peduncle)
7. Cerebellum (samples vermis and neo cerebellar cortex, white matter and dentate nucleus)
8. Spinal cord: cervical, thoracic and lumber (samples several levels of the spinal cord)
9. Any additional sections (specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. Any additional sections (specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.